



Kendriya Vidyalaya Sangathan, New Delhi

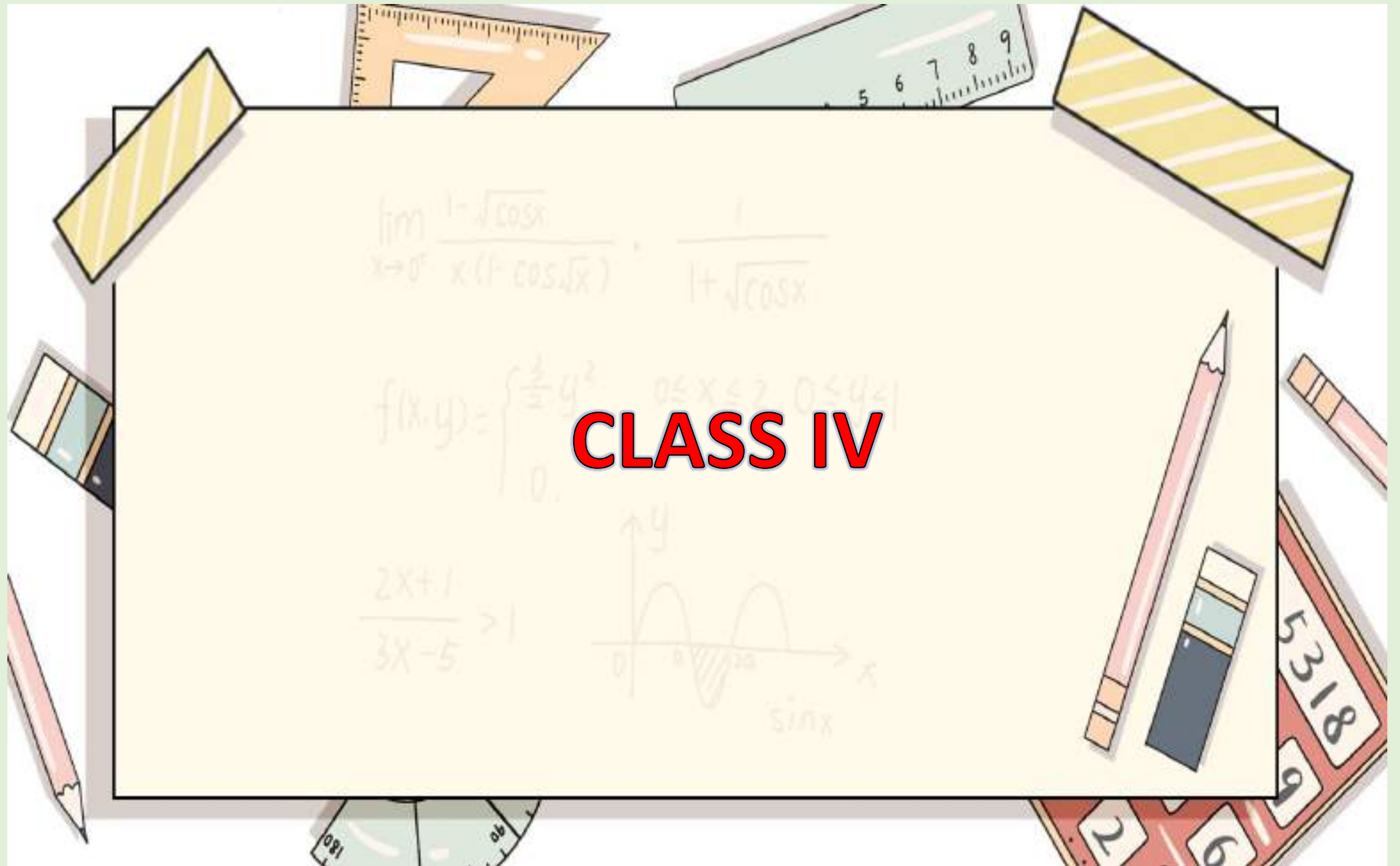




Kendriya Vidyalaya Sangathan, New Delhi

**Split – Up of Syllabus
for Academic Session – 2024-25**

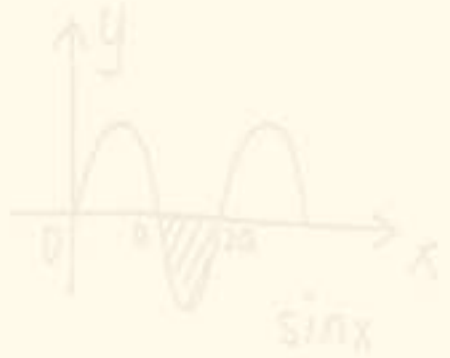
(For Summer Station Kendriya Vidyalayas)



$$\lim_{x \rightarrow 0^+} \frac{1 - \sqrt{\cos x}}{x(1 - \cos \sqrt{x})} \cdot \frac{1}{1 + \sqrt{\cos x}}$$

$$f(x, y) = \begin{cases} \frac{1}{2}y^2 & 0 \leq x \leq 2, 0 \leq y \leq 1 \\ 0 & \text{otherwise} \end{cases}$$

$$\frac{2x+1}{3x-5} > 1$$



CLASS IV

CLASS IV

SUBJECT- ENGLISH

Sl. No.	Month	No. of working days	Name of the Chapter/ Topic to be covered	Teaching Aids/E-Content/ Innovative Practices to be adopted	Test/Examination to be conducted
1	APRIL & MAY 2024	20	WAKE UP (7) NEHA'S ALARM CLOCK (10)	<u>Experiential Learning</u> <ul style="list-style-type: none"> Go out for an early morning walk and write your experience in four or five sentences. Role play of the lesson. <u>Toy integrated learning</u> <ul style="list-style-type: none"> Make a clock face of any shape with the colour paper given. https://diksha.gov.in/play/collection/do_31310347504277913611385?contentId=do_313001572464869376173 Daily routine time table, sound of different animals, alarm clock.	SPELL CHECK LISTENING TEST READING COMPREHENSION Assign MDP MCQ
			NOSES (5)	<u>Experiential Learning</u> <ul style="list-style-type: none"> Imagine a baby born without a nose. What will happen to the baby? Write the functions of the nose. <u>Toy integrated learning</u> <ul style="list-style-type: none"> Show dolls and teddy with funny noses. https://diksha.gov.in/play/collection/do_31310347504277913611385?contentId=do_31308522963595264011743 Pictures of different sizes of noses,	LAT QUIZ DICTATION STORY NARRATION

2	JUNE	8	THE LITTLE FIR TREE (10)	<p><u>Experiential Learning</u></p> <ul style="list-style-type: none"> • Role play. • What actions make people happy and what actions make people unhappy? <p><u>Toy integrated learning</u> Make a magic wand and show small magics related to it.</p> <ul style="list-style-type: none"> • READING TIME <p>https://diksha.gov.in/play/collection/do_31310347504277913611385?contentId=do_313080944259792896114554</p> <p>Visit to a school garden observation of different types of leaves.</p>	<p>ORAL TEST MCQ DUMB CHARADES</p> <p>DICTATION</p> <p>BRAIN STORMING</p>	
3	JULY	21	RUN (9) NASRUDDIN'S AIM (12)	<p>https://diksha.gov.in/play/collection/do_31310347504277913611385?contentId=do_31314732777046016011031</p> <p>https://diksha.gov.in/play/collection/do_31310347504277913611385?contentId=do_31314732785836851211457</p> <p>Model of bow and arrow.</p> <p>Picture chart of indoor game and outdoor game, pictures of sports person, dramatization of the story</p>	<p>UNSCRAMBLING THE JUMBLED LETTERS EXPANSION OF PROVERBS STORY NARRATION</p>	Periodic Test – I
4	AUGUST	21	WHY? (7) ALICE IN WONDERLAND (10) DON'T BE AFRAID OF THE DARK (5)	<p>Concept of sinking/ floating of different things in the water, question based on CCT movie based on Alice in wonderland book, presentation of book review of Alice in wonderland, concept of day and night with the help of videos.</p> <p>STORY TIME -Picture chart</p> <p>https://diksha.gov.in/play/collection/do_31310347504277913611385?contentId=do_31307888010874060817911</p> <p>https://diksha.gov.in/play/collection/do_31310347504277913611385?contentId=do_31314735666276761611159</p>	<p>SPELL CHECK MCQ STORY NARRATION 2 MINUTE SPEECH READING COMPREHENSION</p>	

5	SEPTEMBER	19	HELEN KELLER (12) REVISION	<p><u>Experiential Learning</u></p> <p>From newspaper or old magazines collect stories/reports of courageous children.</p> <p>a) Draw pictures of the story. b) Talk about the stories.</p> <p>STORY TIME : Puppetry</p> <p><u>Toy integrated learning</u></p> <p><u>Guessing game</u> – Close your eyes, place some toys, feel the toys and identify them.</p> <p>Pictures of Paralympic sportsperson, sample of braille script, video on sign language.</p> <p>https://diksha.gov.in/play/collection/do_31310347504277913611385?contentId=do_313189099305361408126</p>	<p>SPELL CHECK</p> <p>SEQUENCING THE STORY</p> <p>ORAL TEST</p> <p>LIVE WORKSHEET</p> <p>Collection and evaluation of MDP</p>	HALY YEARLY EXAM
6	OCTOBER	16	HIAWATHA (12)	<p><u>Experiential Learning</u></p> <p>Students collect information on friends and neighbours, then place of origin and the languages they speak at home. Students present the information briefly in English.</p> <p><u>Toy integrated learning</u></p> <p>Make masks of different animals.</p> <p>Chart of animals and their habitat, video based on red Indian tribe</p> <p>https://diksha.gov.in/play/collection/do_31310347504277913611385?contentId=do_31314737124987699211467</p>	<p>TWISTING THE TALE</p> <p>LAT</p> <p>DICTATION</p> <p>LIVE WORKSHEET</p> <p>Assign MDP</p>	
7	NOVEMBER	21	THE SCHOLAR'S MOTHER TONGUE (13)	<p><u>Experiential Learning</u></p> <p>Prepare a chart with the names of the languages spoken in each state of our country.</p>	<p>LAT</p> <p>SPELL CHECK</p>	

			<p>A WATERING RHYME (9)</p> <p><u>Toy integrated learning</u></p> <p>Make a toy train with 29 compartments and label each of these with the names of the states of our country.</p> <p>READ ALOUD : Reading cards</p> <p>Charts of different states and their language, stories of Akbar and Birbal, demonstration of parts of plant, crossword puzzle and map work.</p> <p>https://diksha.gov.in/play/collection/do_31310347504277913611385?contentId=do_31314737144957337611265</p> <p>https://diksha.gov.in/play/collection/do_31310347504277913611385?contentId=do_313189134539661312159</p>	<p>EXTEMPORE</p> <p>ORAL TEST</p>	
8	DECEMBER	16	<p>THE GIVING TREE (13)</p> <p>THE DONKEY (4)</p> <p><u>Experiential Learning</u></p> <ul style="list-style-type: none"> ● Collect the pictures related to “save nature” and make a logo related to it. ● Write a paragraph on the topic “Your pet as an animal you love”. Paste a photo of your pet animal. <p><u>Toy integrated learning</u></p> <ul style="list-style-type: none"> ● Make a tree and how it helps us using cardboard. ● Children will be encouraged to play role of their favourite animal by wearing mask and speaking 2-3 sentences. <p>Dramatization of the story</p> <p>https://diksha.gov.in/play/collection/do_31310347504277913611385?contentId=do_31314737463895654411179</p> <p>https://diksha.gov.in/play/collection/do_31310347504277913611385?contentId=do_31334638082208563211982</p>	<p>SPELL CHECK</p> <p>MCQ</p> <p>LAT</p> <p>DICTATION</p> <p>LISTENING TEST</p>	

9	JANUARY 2025	20	BOOKS (6) GOING TO BUY BOOK (10)	<p><u>Experiential Learning</u></p> <ul style="list-style-type: none"> Form a group and play book chain by saying the name of a story book. HOW BOOKS ARE MADE : ppt <p>Visit to school library, presentation of book review .</p> <p>https://diksha.gov.in/play/collection/do_31310347504277913611385?contentId=do_313189111987847168144</p> <p>https://diksha.gov.in/play/collection/do_31310347504277913611385?contentId=do_313189132685590528188</p>	<p>LISTENING TEST</p> <p>SPELL CHECK</p> <p>READING COMPREHENSION LAT</p>	PERIODIC TEST -II
10	FEBRUARY	20	THE NAUGHTY BOY (5) PINOCCHIO (14)	<p>Puzzle , puppets making, movie of Pinocchio and role play.</p> <p>https://diksha.gov.in/play/collection/do_31310347504277913611385?contentId=do_31320263834806681614884</p> <p>https://diksha.gov.in/play/collection/do_31310347504277913611385?contentId=do_31320263503465676813802</p> <p>THE STORY OF PINOCCHIO :Puppetry</p>	<p>READING COMPREHENSION</p> <p>GROUP DISCUSSION DICTATION</p> <p>Collection and evaluation of MDP</p>	
11	MARCH		REVISION			Session Ending Exam

*REMARK: THERE WILL BE A CHANGE IN THE NUMBER OF WORKING DAYS IN SOME REGIONS DURING THE MONTH OF JANUARY AS WINTER BREAK IS DIFFERENT IN A FEW SUMMER STATIONS.

CLASS IV

SUBJECT- HINDI

Sl. No.	Month	No. of Working Days	Name of the Chapter / Topics to be covered	Teaching Aid/ E-content / Innovative Practices to be adopted	Test / Examination to be conducted
1	APRIL and MAY 2024	20	मन के भोले-भाले बादल (कविता)	कविता का सस्वर गायन https://youtu.be/_7IUCSS-Ae4 जल चक्र का चलचित्र , नाम वाले शब्दों की विशेषता बताने वाले शब्दों का चलचित्र कहानी का चलचित्र प्रदर्शन https://youtu.be/3XJw6TTkXVU अकबर बीरबल से जुड़ी रोचक कहानियों का संकलन मुहावरों का सचित्र प्रदर्शन	मौखिक तथा लिखित मूल्यांकन मौखिक तथा लिखित मूल्यांकन अधिगम उपलब्धि परीक्षण(LAT) Assign MDP
			जैसा सवाल वैसा जवाब(कहानी)	कहानी का चलचित्र प्रदर्शन https://youtu.be/4g8aWof8Fmk	वाद-विवाद प्रतियोगिता
			किरमिच की गेंद (कहानी)	कहानी का चलचित्र प्रदर्शन https://youtu.be/4g8aWof8Fmk	
2	JUNE	8	किरमिच की गेंद(कहानी)	शब्दार्थ बेल और पौधे के रूप में उगने वाली सब्जियों का चलचित्र कविता का सस्वर गायन https://youtu.be/G1UulyCrQC0	कविता को हाव-भाव के साथ सुनाना अधिगम उपलब्धि परीक्षण(LAT)
			*कोई लाके मुझे दे (कविता)		
3	JULY	21	पापा जब बच्चे थे (कहानी)	कहानी का चलचित्र प्रदर्शन https://youtu.be/V5ao1S1RRIs विभिन्न प्रकार के व्यवसायों और उनसे सम्बंधित मददगारों पर आधारित चलचित्र कविता का सस्वर गायन https://youtu.be/iMmmVO4ZxvQ	प्रथम आवधिक परीक्षा (PT1)
			उलझन(कविता)		
			*एक साथ तीन सुख(नाटक)	कहानी का चलचित्र प्रदर्शन https://youtu.be/h3brGrY_hjg	

4	AUGUST	21	दोस्त की पोशाक(कहानी) *नसीरुद्दीन का निशाना(कहानी)	कहानी का चलचित्र प्रदर्शन https://youtu.be/vkbxuk5tQtg विभिन्न राज्यों के वेशभूषा का चलचित्र प्रदर्शन दोस्त की जीवन में भूमिका से सम्बंधित कहानी का प्रदर्शन कहानी पर आधारित पाठ्यक्रम (STORY BASED PEDAGOGY) कहानी का चलचित्र प्रदर्शन , https://youtu.be/YoaQiJmPhJ8	भाषण प्रतियोगिता मौखिक परीक्षा अधिगम उपलब्धि परीक्षण(LAT)
5	SEPTEMBER	19	नाव बनाओ नाव बनाओ (कविता)	कविता का सस्वर गायन खिलौनों पर आधारित पाठ्यक्रम (Toy based Pedagogy) बरसात के मौसम पर आधारित चलचित्र प्रदर्शन कहानी का चलचित्र प्रदर्शन https://youtu.be/spq3VWQaG2A प्राकृतिक आपदाओं के समय सरकार द्वारा नागरिकों के लिये चलायी जाने वाली विभिन्न योजनाओं की जानकारी देना	बहुआयामी परियोजना(MDP) अर्धवार्षिक परीक्षा संवाद प्रस्तुतीकरण Collection and evaluation of MDP
			दान का हिसाब (कहानी) पुनरावृत्ति		
6	OCTOBER	16	कौन(कविता)	कविता का सस्वर गायन https://youtu.be/6_W39Zwjc8c आलोचनात्मक सोच का विकास कहानी का चलचित्र प्रदर्शन https://youtu.be/tfSvOpi8ngk	मौखिक तथा लिखित मूल्यांकन स्वतंत्रता सेनानियों के प्रमुख कथनों का प्रस्तुतीकरण Assign MDP
			स्वतंत्रता की ओर(कहानी)		
7	NOVEMBER	21	स्वतंत्रता की ओर (कहानी)	गांधी जी के जीवन पर आधारित चलचित्र का प्रदर्शन एवं सत्य और अहिंसा का महत्त्व कहानी का चलचित्र प्रदर्शन बच्चों द्वारा केले जाने वाले परम्परागत खेलों का चलचित्र प्रदर्शन	संवाद प्रस्तुतीकरण अभिनय के साथ भाषण प्रतियोगिता मौखिक परीक्षा अधिगम उपलब्धि परीक्षण(LAT)
			थप्प रोटी थप्प दाल(नाटक)		

8	DECEMBER	16	पढक्कू की सूझ (कविता)	कविता का सस्वर गायन https://youtu.be/uCuiL_dvDLk	मौखिक तथा लिखित मूल्यांकन पाठ का नाटकीकरण भाषण प्रतियोगिता मौखिक परीक्षा अधिगम उपलब्धि परीक्षण(LAT)
			सुनीता की पहिया कुर्सी (कहानी)	कहानी का चलचित्र प्रदर्शन आलोचनात्मक सोच का विकास पाठ का दृश्य संसाधन https://youtu.be/KLy0nRXLgaQ दिव्यांग जनों के साथ अनुकूलन एवं सरकार द्वारा चलाये जाने वाली योजनाओं की जानकारी दृश्य-श्रव्य माध्यम से	
9	JANUARY 2025	20	हुदहुद (कहानी)	कहानी का चलचित्र प्रदर्शन https://youtu.be/sEAj5Mh9eRA कलगी वाले पक्षियों से सम्बंधित चलचित्र का प्रदर्शन कहानी पर आधारित पाठ्यक्रम (STORY BASED PEDAGOGY)	द्वितीय आवधिक परीक्षा (PT2)
10	FEBRUARY	20	मुफ्त ही मुफ्त(कहानी)	कहानी का चलचित्र प्रदर्शन https://youtu.be/RvTpn4hkEds मितव्ययी होने के लाभ एवं हानि से सम्बंधित चलचित्र प्रदर्शन	मौखिक तथा लिखित मूल्यांकन बहुआयामी परियोजना(MDP) मौखिक परीक्षा अधिगम उपलब्धि परीक्षण(LAT) Collection and evaluation of MDP
			*बजाओ खुद का बाजा	क्रियात्मक चलचित्र प्रदर्शन ध्वनि संसाधन	
			*आँधी	https://youtu.be/bE31vPUBS8Y?list=TLPQMjgwMzIwMjPuniD-v1aZQQ	
			पुनरावृत्ति		
11	MARCH		वार्षिक परीक्षा		वार्षिक परीक्षा

CLASS IV

SUBJECT- EVS

Sl. No	Month	No. of Working Days	Name of the Chapter / Topics to be covered	Teaching Aid/ E-content / Innovative Practices to be adopted	Test/ Examination to be conducted
1	APRIL and MAY 2024	20	GOING TO SCHOOL (10)	Toy Based Pedagogy – Vehicles Toy Based Pedagogy –houses Map reading – Locating states https://www.youtube.com/live/DRSgIRkEY-Q?feature=share https://diksha.gov.in/play/collection/do_3131034750495375361724?contentId=do_31307891449615155217914 https://diksha.gov.in/play/collection/do_3131034750495375361724?contentId=do_313078923108032512111511 https://diksha.gov.in/play/collection/do_3131034750495375361724?contentId=do_31308163114040524819777 https://diksha.gov.in/play/collection/do_3131034750495375361724?contentId=do_31306893720753766418939	LAT DICTATION Assign MDP
			EAR TO EAR (5)	Toy Based Pedagogy – Animals Art integrated learning https://diksha.gov.in/play/collection/do_3131034750495375361724?contentId=do_31307881249047347217707 https://diksha.gov.in/play/collection/do_3131034750495375361724?contentId=do_313088185982369792154 https://diksha.gov.in/play/collection/do_3131034750495375361724?contentId=do_313069556054564864192 https://diksha.gov.in/play/collection/do_3131034750495375361724?contentId=do_3130695531928453121104	Crossword puzzle LAT DICTATION
			A DAY WITH NANDU (4)	Toy Based Pedagogy – Elephant Art integrated learning- Clay modelling https://www.youtube.com/live/Sqj29KWucp0?feature=share	Quiz LAT DICTATION

				https://diksha.gov.in/play/collection/do_31310347502548582411280?contentId=do_3131150068897054721113 https://diksha.gov.in/play/collection/do_3131034750495375361724?contentId=do_31310280772837376011296 https://diksha.gov.in/play/collection/do_3131034750495375361724?contentId=do_3131149806215741441111		
			THE STORY OF AMRITA (4)	<p>Story based learning - Importance of trees and their conservation.</p> https://diksha.gov.in/play/collection/do_31310347502548582411280?contentId=do_3130880845866598401371 https://diksha.gov.in/play/collection/do_31310347502548582411280?contentId=do_313079488910360576111657 https://diksha.gov.in/play/collection/do_31310347502548582411280?contentId=do_313079488910360576111657 https://www.youtube.com/live/LHgdWV6Xe08?feature=share https://www.youtube.com/live/mrn9BPSVZOk?feature=share	MCQ Marking parts of an Elephant LAT DICTATION	
2.	JUNE	8	ANITA AND THE HONEY BEES (9)	<p>Story based learning - Apiculture and girl star project</p> https://diksha.gov.in/play/collection/do_31310347502548582411280?contentId=do_31308594624348160014121 https://diksha.gov.in/play/collection/do_31310347502548582411280?contentId=do_31308594745579929612799 https://diksha.gov.in/play/collection/do_31310347502548582411280?contentId=do_3131150075638988801283 https://diksha.gov.in/play/collection/do_31310347502548582411280?contentId=do_312964789560320000199	LAT DICTATION	
3	JULY	21	OMANA' S JOURNEY (7)	<p>Experiences of journey in train from Gujarat to Kerala.</p> https://diksha.gov.in/play/collection/do_3131034750495375361724?contentid=do_313088087970725888133 https://diksha.gov.in/play/collection/do_31310347502548582411280?contentId=do_31308808889151488013252 https://diksha.gov.in/play/collection/do_31310347502548582411280?contentId=do_3129647900701655041108	Worksheet on Honeybees DICTATION LAT	PERIODIC TEST 1

			FROM THE WINDOW (7)	Discussion of states connected by Konkan Railway (Maharashtra , Goa , Karnataka) and view from train https://diksha.gov.in/play/collection/do_3131034750495375361724?contentid=d_o_3130394282649927681431 Multi Disciplinary Approach – 24 Hour clock and railway time table /schedule of a train https://diksha.gov.in/play/collection/do_31310347502548582411280?contentId=d_o_31320263468910182414882	Reading Train ticket - WORKSHEET DICTATION	
			REACHING GRAND MOTHER'S HOUSE (7)	Discussion about Kerala https://diksha.gov.in/play/collection/do_3131034750495375361724?contentid=d_o_3130394283910840321748 https://diksha.gov.in/play/collection/do_31310347502548582411280?contentId=d_o_3131891530990305281125 https://diksha.gov.in/play/collection/do_31310347502548582411280?contentId=d_o_3129647908664688641100	Locating states on map DICTATION LAT	
4	AUGUST	21	CHANGING FAMILIES (8)	Discussion on changes in the families https://diksha.gov.in/play/collection/do_31310347502548582411280?contentId=d_o_3129647911493140481110 https://diksha.gov.in/play/collection/do_31310347502548582411280?contentId=d_o_31308651546044825612210	Worksheet – List out the changes in your family. LAT DICTATION	
			HU TU TU, HU TU TU (8)	Interview with sportspersons Experiential Learning - games https://diksha.gov.in/play/collection/do_31310347502548582411280?contentId=d_o_312964791392133120154 https://diksha.gov.in/play/collection/do_31310347502548582411280?contentId=d_o_31331170403656499214019	Quiz on Sports /Sports personalities DICTATION LAT	
			THE VALLEY OF FLOWERS (5)	Explore the fascinating world of flowers, its uses and importance. Pictures of flowers Experiential learning – parts of a flower Experiment – litmus paper making using Hibiscus https://diksha.gov.in/play/collection/do_31310347502548582411280?contentId=d_o_31331168589479116813914	Worksheet – parts of a flower /uses of flowers LAT	

				https://diksha.gov.in/play/collection/do_31310347502548582411280?contentId=do_3129647917915340801111 https://diksha.gov.in/play/collection/do_31310347502548582411280?contentId=do_31308662629231820812244 https://diksha.gov.in/play/collection/do_31310347502548582411280?contentId=do_31308663785576038413041		
5	SEPTEMBER	19	<p>CHANGING TIMES (10)</p> <p>Discuss about partition of India in 1947 ,movement of people from Pakistan to India</p> https://diksha.gov.in/play/collection/do_31310347502548582411280?contentId=do_31331298030350336014968 https://diksha.gov.in/play/collection/do_31310347502548582411280?contentId=do_31308809313736294413253 https://diksha.gov.in/play/collection/do_31310347502548582411280?contentId=do_31307881257286860819743 Story based learning - Videos of people visiting their families and friends in Pakistan separated by partition in 1947 after many years.	<p>LAT</p> <p>DICTIONATION</p> <p>Collection and evaluation of MDP</p>	HALF YEARLY EXAM	
		<p>RIVER'S TALE (9)</p> <p>River and its pollution</p> <p>Experiential learning – Pollution in river</p> <p>Experiment – Things that are soluble /insoluble in water</p> https://diksha.gov.in/play/collection/do_31310347502548582411280?contentId=do_31331159142965248013712 https://diksha.gov.in/play/collection/do_31310347502548582411280?contentId=do_31331160844962201613735 https://diksha.gov.in/play/collection/do_31310347502548582411280?contentId=do_31331161641332736013745 https://diksha.gov.in/play/collection/do_31310347502548582411280?contentId=do_312964792431984640152	<p>Worksheet – write the reasons of pollution of rivers</p> <p>DICTIONATION</p> <p>LAT</p>			
6	OCTOBER	16	<p>BASAVA 'S FARM (6)</p> <p>Onion farming, stages of farming and tools</p> <p>Toy Based Pedagogy – tools /vehicles used in farming (Role play)</p> <p>Experiential learning – stages of farming Experiment – Growth of a see</p> https://diksha.gov.in/play/collection/do_31310347502548582411280?contentId=do_31321954976746700811806	<p>MCQ</p> <p>LAT</p> <p>DICTIONATION</p> <p>Assign MDP</p>		

				https://diksha.gov.in/play/collection/do_31310347502548582411280?contentId=do_3129647927074324481112		
			FROM MARKET TO HOME (4)	Class discussion of vegetables and fruits growing in India, Experiential learning - spoiling of vegetables https://diksha.gov.in/play/collection/do_31310347502548582411280?contentId=do_3129647929205063681102	MCQ LAT DICTATION	
			A BUSY MONTH (5)	Discussion of birds and its nests Pictures of birds Art integrated Learning - Collage making /Album of birds Collection of feathers of birds Spiral learning – Ear to Ear Experiential learning – Making bird-bath and nests. https://diksha.gov.in/play/collection/do_31310347502548582411280?contentId=do_312964793167519744187 https://diksha.gov.in/play/collection/do_31310347502548582411280?contentId=do_31308672743346995213101	Observation on birds & nests – picture based worksheet DICTATION LAT	
7	NOVEMBER	21	NANDITA IN MUMBAI (9)	Debate on the problems of livelihood in Mumbai.(cities) Videos /photos of life in cities and villages https://diksha.gov.in/play/collection/do_31310347502548582411280?contentId=do_31331170428930457614020 https://diksha.gov.in/play/collection/do_31310347502548582411280?contentId=do_31331300311364403215028	Worksheet – comparison of city life and village life DICTATION LAT	
			TOO MUCH WATER TOO LITTLE WATER (12)	Discussion – Scarcity of water https://diksha.gov.in/play/collection/do_31310347502548582411280?contentId=do_31331171790712832014037 https://diksha.gov.in/play/collection/do_31310347502548582411280?contentId=do_31276668069534105613620 https://diksha.gov.in/play/collection/do_31310347502548582411280?contentId=do_312964793758703616153	MCQ LAT DICTATION	
8	DECEMBER	16	ABDUL IN THE GARDEN (5)	Experiential Learning –Types of roots Experiment –transportation of water in plants using peperomia plant Spiral Learning – Basava’s farm , Plant Fairy class 3	MCQ LAT	

				https://diksha.gov.in/play/collection/do_31310347502548582411280?contentId=do_313223033189572608149 https://diksha.gov.in/play/collection/do_31310347502548582411280?contentId=do_312964794053615616188	DICTATION	
			EATING TOGETHER (5)	Discussion on festivals Art Integrated Learning - Dramatisation of activities during festivals Making rangoli / floral designs https://diksha.gov.in/play/collection/do_31310347502548582411280?contentId=do_312964794320773120160	Crossword on harvest festivals LAT DICTATION	
			FOOD AND FUN (6)	Class discussion about food Chart on healthy food habits and hygiene Experiential Learning - community lunch https://diksha.gov.in/play/collection/do_31310347502548582411280?contentId=do_3129647945898393601114 https://diksha.gov.in/play/collection/do_31310347502548582411280?contentId=do_31308671280734208012311 https://diksha.gov.in/play/collection/do_31310347502548582411280?contentId=do_31308671299954278412312	MCQ LAT DICTATION	
9	JANUARY 2025	20	THE WORLD IN MY HOME (6)	Dramatisation Toy based pedagogy – Good touch bad touch ,Child Rights (puppetry) https://diksha.gov.in/play/collection/do_31310347502548582411280?contentId=do_31331174107688960014060 https://diksha.gov.in/play/collection/do_31310347502548582411280?contentId=do_31308670705042227212967	MCQ LAT DICTATION	PERIODIC TEST 2
			POCHAMPALLI (6)	https://diksha.gov.in/play/content/do_3129647950764605441103 https://diksha.gov.in/play/collection/do_31310347502548582411280?contentId=do_31331162247936409613750 https://diksha.gov.in/play/collection/do_31310347502548582411280?contentId=do_31308670350385152012622 Steps involved in weaving – video Experiential Learning – Visit to weaving unit	Worksheet – Steps in making a Pochampalli saree LAT DICTATION	

10	FEBRUARY	20	HOME AND ABROAD (5)	https://diksha.gov.in/play/content/do_3130352321296629761963 https://diksha.gov.in/play/collection/do_31310347502548582411280?contentId=do_31331298044190720014969 https://diksha.gov.in/play/collection/do_31310347502548582411280?contentId=do_312964795306475520156 Videos showing life in Kerala and Abu Dhabi Globe and map	Quiz - currency & capitals MCQ DICTATION LAT	
			DEFENCE OFFICER WAHIDA (7)	https://diksha.gov.in/play/content/do_3130347953990287361150 https://diksha.gov.in/play/collection/do_31310347502548582411280?contentId=do_312964795811028992162 https://diksha.gov.in/play/collection/do_31310347502548582411280?contentId=do_31308652159638732812547 Videos related to parade of Defence forces	MCQ LAT DICTATION Collection and evaluation of MDP	
			SPICY RIDDLES (4)	PUZZLE GAME Experiential Learning – identifying spices by smell / touch https://diksha.gov.in/play/collection/do_31310347502548582411280?contentId=do_31331162697379020813754 https://diksha.gov.in/play/collection/do_31310347502548582411280?contentId=do_312964795535056896157	Puzzles DICTATION LAT	
			CHUSKIT GOES TO SCHOOL (5)	Discussion on RTE Act & Inclusive Education https://diksha.gov.in/play/content/do_3130349386897735681261 https://diksha.gov.in/play/collection/do_31310347502548582411280?contentId=do_31314745092680908813594 https://diksha.gov.in/play/collection/do_31310347502548582411280?contentId=do_31330329837522944018531 https://diksha.gov.in/play/collection/do_31310347502548582411280?contentId=do_312964796057198592158	MCQ LAT DICTATION	
11	MARCH		REVISION			SESSION ENDING EXAM

*REMARK: THERE WILL BE A CHANGE IN THE NUMBER OF WORKING DAYS IN SOME REGIONS DURING THE MONTH OF JANUARY AS WINTER BREAK IS DIFFERENT IN A FEW SUMMER STATIONS.

CLASS IV

SUBJECT- MATHEMATICS

SI. No.	Month	No. of working days	Name of the Chapter/Topic to be covered	Teaching Aids/ E-Content/ Innovative Practices to be adopted	Test/Examination to be conducted	
1	April and May 2024	20	Building with Bricks (19)	Toy based pedagogy – cuboids Art integrated learning- brick patterns Experiential learning- cube and cuboid using net diagram https://youtu.be/nKABwjWGxow https://diksha.gov.in/play/content/do_31307224323325132811810 CIET Audio Maths IV	LAT Dictation Quiz Oral Assign MDP	
2	June	8	Long and Short (13)	Experiential learning- Height of family members https://www.youtube.com/watch?v=-Qjb3-Glu4c https://diksha.gov.in/play/content/do_312579855259680768110848 CIET Audio Maths IV https://diksha.gov.in/play/content/do_312717351002529792117135 https://diksha.gov.in/play/content/do_312579855301279744210610	LAT Dictation Quiz Oral	
3	July	21	A Trip to Bhopal (15) Tick-Tick-Tick (06)	CIET Audio Maths IV https://diksha.gov.in/play/content/do_312579855574777856210624 Experiential learning- Organising a class trip CIET Audio Maths IV https://diksha.gov.in/play/content/do_312579855610789888110863 Experiential learning- 12 /24 hour clock	LAT Dictation Quiz Oral LAT Dictation Quiz Oral	Periodic Test – I

4	August	21	Tick-Tick-Tick (08)	Toy based learning- model of a clock CIET Audio Maths IV https://diksha.gov.in/play/content/do_312579855622119424210626 https://diksha.gov.in/play/content/do_312717794609446912118205 https://www.youtube.com/watch?v=Zl2S1RJCOhA	LAT Dictation Quiz Oral	
			The Way the World Looks (07)	Art integrated learning- different views of objects ,route map CIET Audio Maths IV	LAT Dictation Quiz Oral	
			The Junk Seller (06)	Experiential learning- Mock shopPrepare a bill https://diksha.gov.in/play/content/do_312717406469758976115790 CIET Audio Maths IV	LAT Dictation Quiz Oral	
5	September	19	The Junk Seller (06)	https://diksha.gov.in/play/content/do_312717406469758976115790	LAT Dictation Quiz Oral	Half Yearly (Sep)
Jugs and Mugs (11)	Teaching aids : various Kinds of Jugs ,Measuring jars and other containers https://www.youtube.com/watch?v=cYGbeZbigRA	Collection and evaluation of MDP				
Revision	Experiential learning- make 1 L indifferent ways CIET Audio Maths IV					
6	October	16	Carts and Wheels (10)	Art integrated learning- draw circles using different objects Experiential learning- relation between radius and diameter CIET Audio Maths IV https://www.youtube.com/watch?v=0qP4uYATH5M	LAT Dictation Quiz Oral	Assign MDP
			Halves and Quarters (05)	Art integrated learning- Colour half and quarter of the given group of objects https://www.youtube.com/watch?v=naWScI8FBNo CIET Audio Maths IV	LAT Dictation Quiz Oral	

7	November	21	Halves and Quarters (13) Play with Patterns (08)	Teaching Aids : papers and objects and other things which can be made into halves and quarters https://www.youtube.com/watch?v=naWScI8FBNo CIET Audio Maths IV Art integrated learning- draw different patterns using given block Experiential learning- magic triangle, magic square https://www.youtube.com/watch?v=B0SyCqYBmI8	LAT Dictation Quiz Oral LAT Dictation Quiz Oral	
8	December	16	Tables and Shares (16)	Teaching Aids : objects, stones, leaves, bills Experiential learning- Division (distribution of objects equally) https://www.youtube.com/watch?v=1mk5P5xYles	LAT Dictation Quiz Oral	
9	January 2025	20	How Heavy? How Light? (09) Field and Fences (03)	Experiential learning- weighing balance https://www.youtube.com/watch?v=YgOe7lgARsk https://www.youtube.com/watch?v=RLgiUIyF0Pw CIET Audio Maths IV Teaching Aids : graph sheets and paper https://www.youtube.com/watch?v=wzpmvuXrOAY Experiential learning- find the boundary of irregular shape using thread https://www.youtube.com/watch?v=wzpmvuXrOAY	LAT Dictation Quiz Oral Dictation Quiz	Periodic Test – II (Jan)
10	February	20	Field and Fences (10) Smart Charts (07) Revision	https://www.youtube.com/watch?v=wzpmvuXrOAY https://diksha.gov.in/play/content/do_312717184652140544115389 https://www.youtube.com/watch?v=fNARfDJdUA0 CIET Audio Maths IV Art integrated learning – different smartcharts	LAT Dictation Quiz Oral Collection and evaluation of MDP	
11	March		Revision			Session Ending Exam (March)

*REMARK : THERE WILL BE A CHANGE IN THE NUMBER OF WORKING DAYS IN SOME REGIONS DURING THE MONTH OF JANUARY AS WINTER BREAK IS DIFFERENT IN A FEW SUMMER STATIONS .

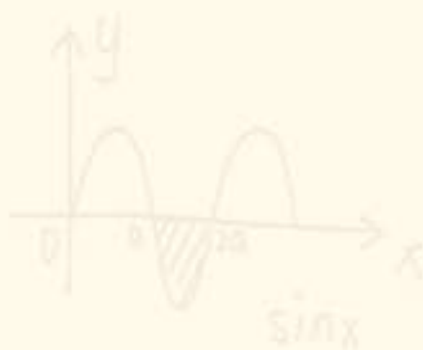


CLASS V

$$\lim_{x \rightarrow 0^+} \frac{1 - \sqrt{\cos x}}{x(1 - \cos \sqrt{x})} \cdot \frac{1}{1 + \sqrt{\cos x}}$$

$$f(x, y) = \begin{cases} \frac{1}{2}x^2 + \frac{1}{2}y^2 & 0 \leq x \leq 1, 0 \leq y \leq 1 \\ 0 & \text{elsewhere} \end{cases}$$

$$\frac{2x+1}{3x-5} > 1$$



CLASS V

SUBJECT- ENGLISH

Sl. No.	Month	No. of working days	Name of the Chapter/ Topic to be covered	Teaching Aids/E-Content/ Innovative Practices to be adopted	Test/Examination to be conducted
1	APRIL and MAY 2024	20	ICE-CREAM MAN (7) WONDERFUL WASTE (10)	Cut-outs of Ice-creams/model of ice-creams. Role play of Ice-cream vendor. Best items out of waste materials. puppets of bride and bridegroom, bamboo sticks. Create an advertisement on one’s own ice-cream brand. Prepare and write a recipe on one’s favourite dish.(HANDS ON EXPERIENCE) https://diksha.gov.in/play/collection/do_31310347505669734411282?contentId=do_31320323327447859215605 Ice-cream production: PPT https://diksha.gov.in/play/collection/do_31310347505669734411282?contentId=do_31309286529590067211376	Listening test on a poem on ice-creams. Oral Test Spell Check Assign MDP
			TEAMWORK (5)	List of games played in team. Dumb charades on various team events(GAME BASED LEARNING) PPT on compound words. Find words related to different sports where teamwork is involved. https://diksha.gov.in/play/collection/do_31310347505669734411282?contentId=do_31320324627863142415606 Contractions: PPT	DICTATION LAT MCQ
2	JUNE	8	FLYING TOGETHER (12)	What are Panchatantra Stories .Reading and dramatization of Panchatantra stories . Dramatization/story telling(STORY BASED PEDAGOGY) https://diksha.gov.in/play/collection/do_31310347505669734411282?contentId=do_31320324625564467216056	LAT LIVE WORKSHEET https://www.liveworksheets.com/uk573496kh QUIZ

				<p>Video on Prepositions PPT on Collective Nouns. Video and quiz on animal groups</p>	MCQ	
3	JULY	21	<p>MY SHADOW (10)</p> <p>ROBINSON CRUSOE (12)</p>	<p>Experiential learning formation of shadow with torch and candle and in sunlight. Footprints of human and animal's, fingerprint and thumb print.</p> <p>Creating shadow animals (HANDS ON EXPERIENCE)</p> <p>Making a ship or a sail boat using ice-cream sticks.(TOY BASED PEDAGOGY)</p> <p>PPT on conjunctions.</p> <p>https://diksha.gov.in/play/collection/do_31310347505669734411282?contentId=do_31334690468717363212501</p> <p>https://diksha.gov.in/play/collection/do_31310347505669734411282?contentId=do_31334690610667520012503</p> <p>ALL ABOUT BOOKS : PPT</p> <p>Comprehension questions based on the video.</p>	<p>MCQ</p> <p>SPELL CHECK</p> <p>GROUP DISCUSSION LIVE WORKSHEET</p> <p>https://www.liveworksheets.com/dd1905995af</p>	PERIODIC TEST-I
4	AUGUST	21	<p>CRYING (10)</p> <p>MY ELDER BROTHER (12)</p>	<p>Daily routine timetable, dramatization. Chart containing pictures/ Emojis of different emotions.</p> <p>Make a 3-D kite and write Munna's and Bhaiya's character traits in it.(ART INTERGRATED LEARNING)</p> <p>https://diksha.gov.in/play/collection/do_31310347505669734411282?contentId=do_3133469100292014081886</p> <p>Song on Feelings :AUDIO (MUSIC INTERGRATED LEARNING)</p> <p>https://diksha.gov.in/play/collection/do_31310347505669734411282?contentId=do_3133469111529472001887</p> <p>Reliving the art of letter writing by dramatising a post office scene.</p> <p>Write letters to friends and post it.(HANDS ON EXPERIENCE)</p>	<p>TWISTING THE TALE</p> <p>ORAL TEST</p> <p>READING COMPREHENSION EXTEMPORE DICTATION</p>	

5	SEPTEMBER	19	RIP VAN WINKLE (14)	<p>Making puppets of the characters in the story. (TOY BASED PEDAGOGY) Dramatization. Flash cards of opposites</p> <p>https://diksha.gov.in/play/collection/do_31310347505669734411282?contentId=do_3133463425418772481403</p> <p>READING TIME : Flash cards on reading passages with stress on pronunciation.</p>	<p>LAT</p> <p>LECTION STORY NARRATION</p> <p>Collection and evaluation of MDP</p>	HALY YEARLY EXAM
6	OCTOBER	16	CLASS DISCUSSION (8)	<p>Flash cards, Group discussion.PPT on various character traits of children in a group/class.</p> <p>https://diksha.gov.in/play/collection/do_31310347505669734411282?contentId=do_31334634517508096011488</p>	<p>Live workset https://www.liveworksheets.com/hu1186557na</p> <p>PANEL DISCUSSION</p> <p>DUMB CHARADES</p> <p>LAT</p> <p>Assign MDP</p>	
7	NOVEMBER	21	THE TALKATIVE BARBER (16) TOPSY TURVY LAND (9)	<p>Dramatization, chart of different profession, sight cards of words starting with un-, in-and im-. Role play of topsy turvy scene, hand puppets.(TOY BASED PEDAGOGY)</p> <p>Similar poems can presented (My World is Turning downside Up , If Trees could Talk, Mr. Right) and discussed in class.(DISCUSSION AND PEER LEARNING)</p> <p>Imagine a topsy-turvy scene and draw it .(ART INTEGRATED LEARNING)</p> <p>https://diksha.gov.in/play/collection/do_31310347505669734411282?contentId=do_3133463463286374401410</p> <p>https://diksha.gov.in/play/collection/do_31310347505669734411282?contentId=do_3131204851331481601601</p>	<p>LECTION</p> <p>ORAL TEST</p> <p>Live Worksheet https://www.liveworksheets.com/cv3082941ca</p>	
8	DECEMBER	16	GULLIVER'S TRAVELS (13) NOBODY'S FRIEND (04)	<p>Cut-outs of Gulliver and giant people. One-minute speech on the topic how can you be a good friend.</p> <p>PPT on Similes.</p> <p>MOVIE TIME : Jurassic Park (JOYFUL LEARNING)</p> <p>STORY TIME : Read and narrate another story by Jonathan Swift.</p>	<p>LAT</p> <p>LECTION READING COMPREHENSION STORY TELLING GROUP DISCUSSION</p>	

				<p>Presentation of friendship quotes.</p> <p>Creating a short poem on one's friend.</p> <p>https://diksha.gov.in/play/collection/do_31310347505669734411282?contentId=do_31318779099816755212642</p> <p>https://diksha.gov.in/play/collection/do_31310347505669734411282?contentId=do_31310208771426713611173</p>		
9	JANUARY 2025	20	<p>THE LITTLE BULLY (6)</p> <p>SING A SONG OF PEOPLE (10)</p> <p>MALU BHALU (05)</p>	<p>Chart of sea creatures and seaside view.</p> <p>Discussion on famous children's book writers and their books.</p> <p>Pictures of some busy places.</p> <p>Dramatizing a busy scene like a railway station, a market, or a busy street.</p> <p>Picture chart of polar bear, mask of polar bear.</p> <p>https://diksha.gov.in/play/collection/do_31310347505669734411282?contentId=do_31320264959523225615574</p> <p>https://diksha.gov.in/play/collection/do_31310347505669734411282?contentId=do_31310157682493030411140</p> <p><u>Video on Artic Animals</u></p> <p>Video on Antartica</p>	<p>LISTENING TEST</p> <p>READING COMPREHENSION</p> <p>Oral Test</p>	Periodic Test - II
10	FEBRUARY	20	<p>WHO WILL BE NINGTHOU? (14)</p>	<p>Dramatization, map of Manipur, chart containing details of Manipuri culture and tradition.</p> <p>Make finger puppets of Ningthou , Leima and their children.(TOY BASED PEDAGOGY)</p> <p>https://diksha.gov.in/play/collection/do_31310347505669734411282?contentId=do_3131891959343185921107</p> <p>Video on sound words</p>	<p>EXPANDING THE PROVERBS</p> <p>SPELL CHECK</p> <p>CREATIVE WRITING- WORKSHEET</p> <p>Collection and evaluation of MDP</p>	
11	MARCH		REVISION		SESSION ENDING EXAM	

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CLASS V

SUBJECT- HINDI

Sl. No.	Month	No. of Working Days	Name of the Chapter / Topics to be covered	Teaching Aid/ E-content / Innovative Practices to be adopted	Test / Examination to be conducted
1	APRIL and MAY 2024	20	राख की रस्सी (लोककथा)	राख की रस्सी -ध्वनि संसाधन https://youtu.be/Rc8wPhkL0pA त्योहारों के चित्र	कार्यपत्रक द्वारा मूल्यांकन अधिगम उपलब्धि परीक्षण(LAT) Assign MDP
			दुनिया की छत फसलों के त्योहार (लेख)	https://youtu.be/VLUiCDDDeDKQ भारत के विभिन्न फसलों के त्योहारों का विडियो https://www.youtube.com/watch?v=VjQ9ggFYanQ https://youtu.be/_B3DoiWhz2I क्रिया https://youtu.be/zNzf1UO-3WY https://youtu.be/owFbjghBJZY भारत के विभिन्न फसलों के त्योहार	
			खिलौनेवाला (कविता)	बच्चों द्वारा लाए गए खिलौने सक्रियण पत्र खिलौनों के चित्रों की पर्चियाँ फेरीवालों के चित्र तथा फेरी वालों पर कक्षा में चर्चा करना। श्रवण सामग्री https://youtu.be/nOCi4LBZ6HA रामायण विडियो (DoorDarshan) https://youtu.be/6EI8Ia4fYDc	मौखिक तथा लिखित मूल्यांकन
2	JUNE	8	*ईदगाह	अनुपयोगी वस्तु से उपयोगी वस्तु बनाना	पाठ का प्रश्नोत्तरी करवाना ईदगाह पर नाटक द्वारा मूल्यांकन करना
			*हवाई छतरी	पैसे तथा जरूरतों के महत्व पर परिचर्चा मौखिक अभिव्यक्ति(प्रश्नोत्तर विधि से पाठ को रोचक बनाना)	

				पठन कार्य पठन अनुसार हवाई छतरी बनाना https://youtu.be/QFBvih5yC2E	अधिगम उपलब्धि परीक्षण(LAT)
3	JULY	21	नन्हा फनकार (कहानी) जहाँ चाह वहाँ राह (लेख)	https://youtu.be/qeX0n3tbwBY औजारों के बारे में पीपीटी मूर्ती निर्माण https://youtu.be/xJ-NZa2zGXE पाठ की वीडियो https://youtu.be/ctmAXPNS_go परियोजना कार्य द्वारा ब्रेल लिपि के संकेतों को बनवाना।	प्रथम आवधिक परीक्षा (PT1)
4	AUGUST	21	पत्र चिट्ठी का सफ़र (लेख) डाकिए की कहानी, कुँवरसिंह की जुबानी (भेंटवार्ता) वे दिन भी क्या दिन थे (विज्ञान कथा)	https://youtu.be/ZtqFh2Mw1oY ध्वनि संसाधन- https://youtu.be/cpApzkaCG6U शहरों के पिन लिखना और अपने घर एवं स्कूल का पता लिखना https://www.youtube.com/watch?v=NSo5DzdYiJk ध्वनि संसाधन https://youtu.be/xLH2dis2KMc डाकिए का काम सही लिंग के शब्दों क फ्लैश कार्ड संज्ञा का विशेषता छाँटना विपरीत अर्थ वाले शब्द युग्म शब्द काल पुस्तकों पर सुविचार पर्यायवाची शब्द, विशेषण शब्द-	कार्यपत्रक द्वारा मूल्यांकन। पत्र लेखन मौखिक तथा लिखित मूल्यांकन पाठ का प्रश्नोत्तरी करवाना अधिगम उपलब्धि परीक्षण(LAT)

				प्राचीन शिक्षण प्राणाली और नवीन तकनीकी शिक्षा के विषय में चर्चा करेंगे	
5	SEPTEMBER	19	एक माँ की बेबसी (कविता) पुनरावृत्ति / अर्धवार्षिक परीक्षा	एक माँ की बेबसी दृश्य एवं श्रवण सामग्री https://youtu.be/ONV_mdSRTGE आलोचनात्मक सोच (माँ के बारे में गाना माँ के बारे में दस सुविचार चावल से बनने वाले व्यंजन और चावल के विभिन्न रूप के बारे में जानेंगे कारक शब्दों का प्रयोग करते हुए रिक्त स्थान भरना। कारक चिन्ह लिखकर उनका वाक्य में प्रयोग करना सिखाना वाक्यांश के लिए आए शब्द रिक्त स्थानों में लिखना संयुक्ताक्षरों से शब्द बनाना।	बहुआयामी परियोजना(MDP) अर्धवार्षिक परीक्षा Collection and evaluation of MDP
6	OCTOBER	16	एक दिन की बादशाहत चावल की रोटियाँ गुरु और चेला (कविता) *बिना जड़ क पेड़	फलैशकार्ड (समान तुक वाले शब्द, विभिन्न देशों की मुद्राएँ) https://youtu.be/KdZkfL.SabL0 विशेषण शब्द, विपरीत अर्थ वाले शब्द, शब्दों के शुद्ध रूप) कठपुतलियों का दृश्य सामग्री https://www.youtube.com/watch?v=yh6Jpl1K_eM गुरु और चेला https://youtu.be/xIb8p7Hnb-M बिना जड़ क पेड़ कहानी पढ़ना और रुचिकर ढंग से सुनाना https://youtu.be/dFTpxaoqidw	कार्यपत्रक द्वारा मूल्यांकन। मौखिक तथा लिखित मूल्यांकन पाठ का प्रश्नोत्तरी करवाना अधिगम उपलब्धि परीक्षण(LAT) Assign MDP
7	NOVEMBER	21	स्वामी की दादी (कहानी)	ध्वनि संसाधन https://youtu.be/BbWLCrsSfg8	कार्यपत्रक द्वारा मूल्यांकन।

			<ul style="list-style-type: none"> • कार्टून 	<p>दादी के बक्सा और बक्से की चीजें विषय पर चर्चा करना .</p> <p>फ्लैशकार्ड</p> <p>(विशेषण शब्द,लिंग पहचानना,भाववाचक संज्ञालिखना,शब्दों को अलग करना)</p> <p>कहानी पर आधारित पाठ्यक्रम</p> <p>(STORY BASED PEDAGOGY)</p> <p>बाघ आया उस रात (कविता)</p> <p>https://youtu.be/vO9TS3Yys0w</p>	<p>मौखिक तथा लिखित मूल्यांकन</p> <p>पाठ का प्रश्नोत्तरी करवाना</p> <p>अधिगम उपलब्धि परीक्षण(LAT)</p>
8	DECEMBER	16	<p>*एशियाई शेर के लिए मीठी गोलियां</p> <p>बिशन की दिलेरी (कहानी)</p> <p>*रात भर बिलखते चिंघाड़ते रहे</p>	<p>https://youtu.be/Q3ZIG2MYyHk</p> <p>दिए गये लिंक द्वारा पाठ को सुनना समझना</p> <p>शेर पर दस वाक्य</p> <p>शेर का चित्र</p> <p>बिशन की दिलेरी – ध्वनि संसाधन</p> <p>https://youtu.be/Uucpw7YJNEs</p> <p>कहानी पर आधारित पाठ्यक्रम</p> <p>(STORY BASED PEDAGOGY)</p> <p>रात भर बिलखते चिंघाड़ते रहे.</p> <p>https://youtu.be/J5rFln--pno</p>	<p>कार्यपत्रक द्वारा मूल्यांकन।</p> <p>मौखिक तथा लिखित मूल्यांकन</p> <p>पाठ का प्रश्नोत्तरी करवाना</p> <p>अधिगम उपलब्धि परीक्षण(LAT)</p>
9	JANUARY 2025	20	<p>पानी रे पानी</p> <p>*नदी क सफ़र</p> <p>छोटी सी हमारी नदी</p>	<p>https://youtu.be/gjlx0dVrp4M -ध्वनि संसाधन</p> <p>अनुभवात्मक अधिगम</p> <p>सर्वेक्षणात्मक अधिगम</p> <p>श्रवण सामग्री -छोटी सी हमारी नदी</p> <p>https://youtu.be/t9wUHEliCWM</p> <p>जल चक्र</p> <p>जल संरक्षण</p> <p>जलचक्र का चित्र</p>	<p>द्वितीय आवधिक परीक्षा (PT2)</p>

				आपने शहर में बहने वाली नदी के महत्व पर पांच वाक्य लिखिए .	
10	FEBRUARY	20	*जोड़ा साकोवाला घर चुनौती हिमालय की *हम क्या उगते हैं पुनरावृत्ति	*जोड़ा साकोवाला घर https://youtu.be/pUTsyiwarRM श्रवण सामग्री चुनौती हिमालय की https://youtu.be/s6bJhenH0UA भारत का मानचित्र भारत के मानचित्र में हिमालय पर्वत ,लद्दाख व अन्य पर्वतीय प्रदेशों को दिखाना हम क्या उगते हैं https://youtu.be/wz8nMsI4WW8	बहुआयामी परियोजना(MDP कार्यपत्रक द्वारा मूल्यांकन। मौखिक तथा लिखित मूल्यांकन पाठ का प्रश्नोत्तरी करवाना अधिगम उपलब्धि परीक्षण(LAT) Collection and evaluation of MDP
11	MARCH		वार्षिक परीक्षा		वार्षिक परीक्षा

CLASS V

SUBJECT- EVS

Sl. No.	Month	No. of Working Days	Name of the Chapter / Topics to be covered	Teaching Aid/ E-content / Innovative Practices to be adopted	Test/Examination to be conducted
1	APRIL and MAY 2024	20	SUPER SENSES (10)	https://diksha.gov.in/play/collection/do_31310347506494668811389?contentId=do_31310503035312537612409 https://diksha.gov.in/play/collection/do_31310347506494668811389?contentId=do_3130704594844712961656 Experiential Learning -Identify things by touching and smelling(blind fold activity)	LAT DICTATION Worksheet QUIZ Assign MDP
			A SNAKE CHARMER'S STORY (9)	https://diksha.gov.in/play/collection/do_31310347506494668811389?contentId=do_3130908440006901761492 https://diksha.gov.in/play/collection/do_31310347506494668811389?contentId=do_31308305946920550411335 https://www.youtube.com/live/zks7iQbNjm4?feature=share –PM e-VIDYA Toy Based Pedagogy – Role- Play of animals /snake charmer Model of been and snakes using paper or leaf	LAT DICTATION
			FROM TASTING TO DIGESTING (4)	CHART / MODEL OF DIGESTIVE SYSTEM https://diksha.gov.in/play/collection/do_31310347506494668811389?contentId=do_313099917058850816126 https://diksha.gov.in/play/collection/do_31310347506494668811389?contentId=do_3131200372950056961334 https://diksha.gov.in/play/collection/do_31310347506494668811389?contentId=do_3131142845849108481222	Oral test LAT DICTATION

				Experiential Learning -Identifying taste of food items and learning related vocabulary.		
2.	JUNE	8	MANGOES ROUND THE YEAR (9)	https://diksha.gov.in/play/collection/do_31310347506494668811389?contentId=do_3130703546892697601431 https://diksha.gov.in/play/collection/do_31310347506494668811389?contentId=do_312964797171785728155 Experiential Learning – Observing Fungal growth in bread . Conversation with elders regarding methods of preservation of food.	Recording observation LAT DICTATION	
3	JULY	21	SEEDS AND SEEDS (7)	https://diksha.gov.in/play/collection/do_31310347506494668811389?contentId=do_31318780222853939211803 https://diksha.gov.in/play/collection/do_31310347506494668811389?contentId=do_31308670120951808013085 https://diksha.gov.in/play/collection/do_31310347506494668811389?contentId=do_31308670535145881612059 https://diksha.gov.in/play/collection/do_31310347506494668811389?contentId=do_31308670593127219212625 https://diksha.gov.in/play/collection/do_31310347506494668811389?contentId=do_31308673414874726412652 Experiential Learning - Seed Germination Art Integrated Learning – Seed Art Discussion on Millets	Tabulation of observation LAT DICTATION	PERIODIC TEST 1
			EVERY DROP COUNTS (7)	Discussion on SAVE WATER Spiral Learning -Sources of water , water cycle , conservation of water, challenging issues related to water. https://diksha.gov.in/play/collection/do_31310347506494668811389?contentId=do_3131015041771192321750	Viva voce LAT DICTATION	

				https://diksha.gov.in/play/collection/do_31310347506494668811389?cont entId=do_31318780497082777612039 https://diksha.gov.in/play/collection/do_31310347506494668811389?cont entId=do_31319915106338406412596 https://diksha.gov.in/play/collection/do_31310347506494668811389?cont entId=do_31319913865010380812812 Toy Based Pedagogy - Model of rain water harvesting		
			EXPERIMENTS WITH WATER (7)	https://diksha.gov.in/play/collection/do_31310347506494668811389?cont entId=do_3131015694683504641756 https://diksha.gov.in/play/collection/do_31310347506494668811389?cont entId=do_3131892649751674881126 Experiential Learning - Things that sink/float, dissolve /don't dissolve Spiral Learning – River’s tale – class 4 EVS	Tabulation of observations LAT DICTATION	
4	AUGUST	21	A TREAT FOR MOSQUITOES (7)	https://diksha.gov.in/play/collection/do_31310347506494668811389?cont entId=do_31309369664913408011289 https://diksha.gov.in/play/collection/do_31310347506494668811389?cont entId=do_3131015126979624961724 https://diksha.gov.in/play/collection/do_31310347506494668811389?cont entId=do_31319917388231475213507 https://diksha.gov.in/play/collection/do_31310347506494668811389?cont entId=do_31319917406164582413333 Experiential Learning -Discussion on experiences during COVID. Preventive steps taken by Government against breeding of mosquitoes	LAT DICTATION	
			UP YOU GO (7)	https://diksha.gov.in/play/collection/do_31310347506494668811389?cont entId=do_3131892623786557441127 https://diksha.gov.in/play/collection/do_31310347506494668811389?cont entId=do_31369390911590400014336 Photos and Videos related to mountaineering	LAT DICTATION	

			WALLS TELL STORIES (7)	https://diksha.gov.in/play/collection/do_31310347506494668811389?contentId=do_31319917437204889614228 https://diksha.gov.in/play/collection/do_31310347506494668811389?contentId=do_31320064649922969612664 MAPS Experiential Learning - Visit to a nearest fort Identifying Directions	Demonstration LAT DICTATION	
5	SEPTEMBER	19	SUNITA IN SPACE (12)	https://diksha.gov.in/play/collection/do_31310347506494668811389?contentId=do_31320264587177984013396 https://diksha.gov.in/play/collection/do_31310347506494668811389?contentId=do_31320264609333248016022 https://diksha.gov.in/play/collection/do_31310347506494668811389?contentId=do_31330810268200960012723 VIDEOS OF SUNITA WILLIAMS Toy Based Pedagogy- Models of Rockets Discussion on projects of ISRO	MCQ LAT DICTATION QUIZ- SPACE Collection and evaluation of MDP	HALF YEARLY EXAM
6	OCTOBER	16	WHAT IF IT FINISHES (8)	https://diksha.gov.in/play/collection/do_31310347506494668811389?contentId=do_3132140270413824001593 https://diksha.gov.in/play/collection/do_31310347506494668811389?contentId=do_3132140352950353921450 https://diksha.gov.in/play/collection/do_31310347506494668811389?contentId=do_31308677000169062413140 https://diksha.gov.in/play/collection/do_31310347506494668811389?contentId=do_3130867671515463681136 https://diksha.gov.in/play/collection/do_31310347506494668811389?contentId=do_31308677847604428812113 CLASS DISCUSSION –	LAT DICTATION QUIZ	

			Types of fuels, conservation of fuels Spiral Learning -What is cooking (class 3 EVS)		
			A SHELTER SO HIGH (7) https://diksha.gov.in/play/collection/do_31310347506494668811389?contentId=do_3131014645502853121712 https://diksha.gov.in/play/collection/do_31310347506494668811389?contentId=do_31320064676401152014539 https://diksha.gov.in/play/collection/do_31310347506494668811389?contentId=do_3132140072507801601790 https://diksha.gov.in/play/collection/do_31310347506494668811389?contentId=do_3135932607605964801280 MAP STUDY Art Integrated Learning -Models of Houses	Worksheet LAT DICTATION Assign MDP	
7	NOVEMBER	21	WHEN THE EARTH SHOOK (12) https://diksha.gov.in/play/collection/do_31310347506494668811389?contentId=do_31310138619383808011098 https://diksha.gov.in/play/collection/do_31310347506494668811389?contentId=do_31320064706239692812665 https://diksha.gov.in/play/collection/do_31310347506494668811389?contentId=do_3132338693186519041376 https://diksha.gov.in/play/collection/do_31310347506494668811389?contentId=do_3135932661880176641315 GUIDED DISCOVERY Experiential Learning - life-skills needed to protect during a disaster Mock drill at Vidyalaya	LAT DICTATION	
			BLOW HOT BLOW COLD (9) https://diksha.gov.in/play/collection/do_31310347506494668811389?contentId=do_31310155056399155211136 https://diksha.gov.in/play/collection/do_31310347506494668811389?contentId=do_31321399976456192011044	Worksheet based on observations LAT DICTATION	

				https://diksha.gov.in/play/collection/do_31310347506494668811389?cont entId=do_3132140178886000641801 EXPERIMENTATION Experiential Learning - Blowing Activity		
8	DECEMBER	16	WHO WILL DO THIS WORK? (6)	https://diksha.gov.in/play/collection/do_31310347506494668811389?cont entId=do_31322249533557964813178 https://diksha.gov.in/play/collection/do_31310347506494668811389?cont entId=do_3132338792779694081321 https://diksha.gov.in/play/collection/do_31310347506494668811389?cont entId=do_31308678743130931213033 CHARTS OF OUR HELPERS Art Integrated Learning - Role play Spiral Learning- Work we do (class 3 EVS)	Oral quiz LAT DICTATION	
			ACROSS THE WALL (5)	https://diksha.gov.in/play/collection/do_31310347506494668811389?cont entId=do_3132343858357452801620 https://diksha.gov.in/play/collection/do_31310347506494668811389?cont entId=do_313208974880014336159 https://diksha.gov.in/play/collection/do_31310347506494668811389?cont entId=do_31359482552351948812175 https://diksha.gov.in/play/collection/do_31310347506494668811389?cont entId=do_3135932984274370561587 CLASS DISCUSSION- Gender equality in sports and games Experiential Learning- Group Games – Hu Tu Tu Hu Tu Tu (class 4 EVS)	Worksheet LAT DICTATION	
			NO PLACE FOR US (5)	https://diksha.gov.in/play/collection/do_31310347506494668811389?cont entId=do_3132146099600916481787 https://diksha.gov.in/play/collection/do_31310347506494668811389?cont entId=do_3132338692295475201550	LAT DICTATION	

				https://diksha.gov.in/play/collection/do_31310347506494668811389?contentId=do_3135933350063718401714 https://diksha.gov.in/play/collection/do_31310347506494668811389?contentId=do_3135933530849525761719 CLASS DISCUSSION – migration of people Spiral Learning- Changing Times (Class4 EVS)		
9	JANUARY 2025	20	A SEED TELLS A FARMER'S STORY (6)	https://diksha.gov.in/play/collection/do_31310347506494668811389?contentId=do_31320066104070963213607 https://diksha.gov.in/play/collection/do_31310347506494668811389?contentId=do_312964802025463808158 Discussion ON AGRICULTURE Changing Agricultural Practices Experiential Learning - Making Rotis Spiral Learning – Basava's Farm(CLASS 4 EVS)	LAT DICTATION MCQ	PERIODIC TEST 2
			WHOSE FORESTS? (6)	https://diksha.gov.in/play/collection/do_31310347506494668811389?contentId=do_31310138542641971211097 https://diksha.gov.in/play/collection/do_31310347506494668811389?contentId=do_3132338694599557121520 https://diksha.gov.in/play/collection/do_31310347506494668811389?contentId=do_31308458092924928012812 Art Integrated Learning Role Play using mask of women achievers. Videos related to life in forests	LAT DICTATION	
10	FEBRUARY	20	LIKE FATHER LIKE DAUGHTER (11)	https://diksha.gov.in/play/collection/do_31310347506494668811389?contentId=do_3132146101151170561579	Recording Observation using Checklist	

			https://diksha.gov.in/play/collection/do_31310347506494668811389?contentId=do_31359336010194944011084 Experiential Learning- Observing Traits in Extended Family Art Integrated Learning – Family tree	LAT DICTATION	
		ON THE MOVE AGAIN (10)	https://diksha.gov.in/play/collection/do_31310347506494668811389?contentId=do_31320066122601267213085 https://diksha.gov.in/play/collection/do_31310347506494668811389?contentId=do_312964802883575808164 https://diksha.gov.in/play/collection/do_31310347506494668811389?contentId=do_31330810954842112012858 Migration of labourers - Discussion Toy Based Pedagogy – Role- Play using Finger Puppets	MCQ LAT DICTATION Collection and evaluation of MDP	
11	MARCH		REVISION		SESSION ENDING EXAM

*REMARK: THERE WILL BE A CHANGE IN THE NUMBER OF WORKING DAYS IN SOME REGIONS DURING THE MONTH OF JANUARY AS WINTER BREAK IS DIFFERENT IN A FEW SUMMER STATIONS.

CLASS V

SUBJECT- MATHEMATICS

Sl. No.	Month	No. of working days	Name of the Chapter/Topic to be covered	Teaching Aids/ E-Content/ Innovative Practices to be adopted	Test/Examination to be conducted
1	April and May 2024	20	The Fish Tale (19)	<p>Teaching Aids:</p> <ul style="list-style-type: none"> • Geometrical shapes, geo board, place value table, abacus and weighing machine • Mock banking • Visit to a fish market <p><u>E-Resources</u> <u>CIET Audio Maths V</u> https://diksha.gov.in/play/collection/do_3131034750599168001914?contentId=do_31310159889172070411144</p>	<p>LAT Dictation Oral/Quiz Group work: Find the total weight of your whole class children Live work sheets Assign MDP</p>
2	June	8	Shapes and Angles (13)	<p>Teaching Aids: Polygons, divider, protractor match sticks, cycle valves, clock and carromboard Nature walk to find different angles in nature</p> <p><u>E-Resources</u> <u>CIET Audio Maths V</u> https://diksha.gov.in/play/collection/do_3131034750599168001914?contentId=do_3131020807098286081786</p>	<p>LAT Dictation Oral/Quiz</p> <p>Individual Task:</p>
3	July	21	How Many Squares? (08)	<p>TEACHING AIDS: Stamps, measuring tape, wire mesh, square book /graph book Design a flag for your school</p> <p><u>E-Resources</u> <u>CIET Audio Maths V</u> https://diksha.gov.in/play/collection/do_3131034750599168001914?contentId=do_31308591358804787211837</p> <p>Teaching Aids: Flags of different countries, square grid, coins and a clock</p>	<p>LAT Dictation Oral/Quiz</p> <p>LAT Dictation Oral/Quiz Live work sheets</p>

			Parts and Wholes (13)	Mock market Prepare a bill and find the total amount E-Resources CIET Audio Maths V /https://diksha.gov.in/play/collection/do_3131034750599168001914?contentId=do_31307885109184102419765		Periodic test -1
4	August	21	Does it Look the Same? (08) Be my Multiple, I will be your Factor (13)	Teaching Aids: Symmetric and asymmetric figures, chart of traffic signals, magnetic board, alphabet, numbers and mirror E-Resources CIET Audio Maths V /https://diksha.gov.in/play/collection/do_3131034750599168001914?contentId=do_31307885114716979218046 Discussion on how things look after different turns Teaching Aids: Multiplication chart E-Resources CIET Audio Maths V https://diksha.gov.in/play/collection/do_3131034750599168001914?contentId=do_31307885114716979218046 Venn diagram Factor Tree, prime and composite numbers	LAT Dictation Oral/Quiz LAT Oral test Dictation	
5	September	19	Be my Multiple, I will be your Factor (05) Can You See the Pattern? (06) Revision	Teaching Aids: Cloth with motifs, magnetic board and English alphabet, magic squares, hexagons and calendar E-Resources CIET Audio Maths V https://diksha.gov.in/play/collection/do_3131034750599168001914?contentId=do_31307885114716979218046 Design a saree for your mother (Motifs with half turns or quarter turns) Make palindromes in your own language	LAT Dictation Live work sheets Collection and evaluation of MDP	Half Yearly

6	October	16	Mapping Your Way (10)	Teaching Aids: Compass, map of India, magic pot E-Resources CIET Audio Maths V /https://diksha.gov.in/play/collection/do_3131034750599168001914?contentId=do_31307885114716979218046 Select a suitable scale and draw a route map from your home to school	LAT Dictation Oral/Quiz Work sheets	
			Boxes and Sketches (06)	Teaching Aids: Boxes of different shapes and sizes, net of boxes, dice and match boxes E-Resources CIET Audio Maths V /https://diksha.gov.in/play/collection/do_3131034750599168001914?contentId=do_31307885114716979218046	Assign MDP LAT Dictation	
7	November	21	Boxes and Sketches (04) Tenths and Hundredths (17)	Discussion on floor map and deep drawings Teaching Aids: Scale, magnifying glass, currency from different countries, price tags, political map of India E-Resources CIET Audio Maths V https://diksha.gov.in/play/collection/do_3131034750599168001914?contentId=do_31307885114716979218046 Discussion on shopping and money from different countries	LAT Dictation	
8	December	16	Area and its Boundary (16)	Teaching Aids: Measuring tape, postcard, square grid CIET Audio Maths V E-Resources https://diksha.gov.in/play/collection/do_3131034750599168001914?contentId=do_31307885114716979218046 Relation between perimeter and area of a square when its side is doubled.	LAT Dictation Quiz	

9	January 2025	20	Smarts Charts (08) Ways to Multiply and Divide (04)	Teaching Aids: Measuring tape, stamps, carromboard, post card and scissors E-Resources CIET Audio Maths V https://diksha.gov.in/play/collection/do_3131034750599168001914?contentId=do_31307885114716979218046 Data collection and its interpretation Teaching Aids: Multiplication chart CIET Audio Maths V E-Resources	LAT Dictation LAT Oral test	Periodic Test - II
10	February	20	Ways to Multiply and Divide (10) How Big? How Heavy? (07)	https://diksha.gov.in/play/collection/do_3131034750599168001914?contentId=do_31307885114716979218046 Discussion on common errors in multiplication and division Teaching Aids: Measuring jars, marbles, matchboxes, 1cm cubes, paper cubes, postcards and coins E-Resources CIET Audio Maths V https://diksha.gov.in/play/collection/do_3131034750599168001914?contentId=do_31307885114716979218046 Discussion on Numismatics, Volume and weight and Real and fake notes	LAT Dictation Collection and evaluation of MDP	
11	March		Revision		Session Ending Exam (Mar)	



CLASS VII

$$\lim_{x \rightarrow 0} \frac{1 - \sqrt{\cos x}}{x(1 - \cos \sqrt{x})} \cdot \frac{1}{1 + \sqrt{\cos x}}$$

$$f(x, y) = \begin{cases} \frac{x^2 + y^2}{x^2 + y^2 + 1} & \text{if } x^2 + y^2 < 1 \\ 0 & \text{if } x^2 + y^2 \geq 1 \end{cases}$$

$$\frac{2x+1}{3x-5} > 1$$



CLASS VII

SUBJECT- ENGLISH

Sl.No.	Month	No. of working days	Name of the Chapter / Topic to be covered	Teaching Aids/E-Content/innovative Practices to be adapted	Test/Examination to be conducted
TERM-I					
1	April-May 2024	20	Prose:1. Three Questions- 5 periods Poem:1.The Squirrel- 2periods Suppl.1. The Tiny Teacher- 5 periods Unseen Passage- 2 periods Notice-Found and Lost- 3 periods Parts of Speech- 2 periods Articles- 1 period	https://diksha.gov.in/play/collection/do_3131034751141642241730?referrer=utm_source%3Dmobile%26utm_campaign%3Dshare_content&contentId=do_31308517230709145611694 For classroom discussion: Students will be given a picture and asked to find out the answers of the questions given below: 1. What, do you think, the child is doing? 2. Why, do you think, he/she is doing it? 3. What, do you think, they must have felt: a) the child b) the old lady	
2	June	8	Prose:2. Gift of Chappals- 4 periods Poem:2. The Rebel – 2periods Suppl:2. Bringing Up Kari- 3 periods Writing:2. Letter Writing (formal)- 2 periods	https://diksha.gov.in/play/collection/do_3131034751141642241730?referrer=utm_source%3Dmobile%26utm_campaign%3Dshare_content&contentId=do_31308516651056332811524 Students will be asked to write a diary about an incident when they were disrespectful and disobedient to someone. https://diksha.gov.in/play/collection/do_3131034751141642241730?referrer=utm_source%3Dmobile%26utm_campaign%3Dshare_content&contentId=do_31308731558078873612175 https://diksha.gov.in/play/collection/do_3131034751160156161922?referrer=utm_source%3Dmobile%26utm_campaign%3Dshare_content&contentId=do_313079724790865920112066 The students will be asked to create a tongue twister with the word 'Rebel'	

3	July	25	<p>Prose:3. Gopal and the Hilsa Fish -6 p Prose 4- The Ashes that made the Trees Bloom 5 periods Writing: Story Writing -3 periods Poem 3- The Shed 3 periods Unseen Passage- 3 periods Message writing- 2 periods Paragraph writing- 2 periods</p>	<p>https://diksha.gov.in/play/collection/do_3131034751141642241730?referrer=utm_source%3Dmobile%26utm_campaign%3Dshare_content&contentId=do_31310445786325811212457</p> <p>https://diksha.gov.in/play/collection/do_3131034751141642241730?referrer=utm_source%3Dmobile%26utm_campaign%3Dshare_content&contentId=do_3131119396961402881841</p> <p>https://diksha.gov.in/play/collection/do_3131034751141642241730?referrer=utm_source%3Dmobile%26utm_campaign%3Dshare_content&contentId=do_31310446542668595212481</p> <div style="border: 1px solid black; padding: 5px;"> <p>Students will be asked to complete the story from the given outline: One day I went to a bank with my father. I saw two armed men entering</p> </div> <div style="border: 1px solid black; padding: 5px;"> <p>Useful Sheds In villages, there are houses having sheds used for various purposes. Identify such sheds and describe them. Use pictures, if required</p> </div> <div style="border: 1px solid black; padding: 5px;"> <p>The students will be asked to interview a person who, according to them, is very kind. They have to frame a questionnaire and get the answers</p> </div>	<p>PERIODIC TEST-1</p>	
4	August	24	<p>Suppl:3.Golu Groes a Nose -3 periods Writing: Picture Description – 3 periods Prose:5 Quality- 6 periods Poem4: Trees 3 periods Poem 5 : Chivvy 2 periods Writing: Notice (events & competitions) -3 periods Grammar: Tenses- 4 periods</p>	<p>https://diksha.gov.in/play/collection/do_3131034751141642241730?referrer=utm_source%3Dmobile%26utm_campaign%3Dshare_content&contentId=do_31306802209087488019877</p> <p>https://diksha.gov.in/play/collection/do_3131034751141642241730?referrer=utm_source%3Dmobile%26utm_campaign%3Dshare_content&contentId=do_313068029331554304116027</p> <p>https://diksha.gov.in/play/collection/do_3131034751141642241730?referrer=utm_source%3Dmobile%26utm_campaign%3Dshare_content&contentId=do_3131198245143347211185</p>		

			<p>The students will be asked to pick out any five commands from the poem and transform them into other kinds of sentences, namely, assertive, interrogative and exclamatory.</p> <p>Ad Mania Students will prepare a print advertisement for any one product of their choice, stressing on its quality.</p> <p>[Hint: The teacher can ask the students to choose from various stationery items, chocolates or things of everyday use]</p> <p>Clues:</p> <ol style="list-style-type: none"> 1. Title 2. Features of the product (Models) 3. Highlights 4. Price range 5. Availability 		
5	September	22	<p>Prose 6- Expert Detectives - 6 periods</p> <p>Poem:6 Mystery of the Talking fan- 2 periods.</p> <p>Suppl:4. Chandni -5 periods</p> <p>Writing: Bio-sketch -4 periods</p> <p>Grammar: Determiners - 5 periods</p>	<p>https://diksha.gov.in/play/collection/do_3131034751141642241730?referrer=utm_source%3Dmobile%26utm_campaign%3Dshare_content&contentId=do_3131248418925854721121</p> <p>https://diksha.gov.in/play/collection/do_3131034751141642241730?referrer=utm_source%3Dmobile%26utm_campaign%3Dshare_content&contentId=do_31306804549957222419885</p> <p>https://diksha.gov.in/play/collection/do_3131034751160156161922?referrer=utm_source%3Dmobile%26utm_campaign%3Dshare_content&contentId=do_31306729988948787219840</p>	Mid -Term Examination

			<p>Let's create something</p> <p>The students will be asked to collect pictures and information about famous personalities, known for their service to mankind or their nations. They will be asked to write a biographical paragraph which should include:</p> <ol style="list-style-type: none"> 1. Introduction 2. Childhood 3. Achievements 4. His/her contribution to society <p>Activity: Sound Bites</p> <p>The students will be asked to find words associated with the sound made by the following: Utensils, leaves, birds, train, water, bells.</p> <p>[Hint: The teacher can give a few examples such as babies - babble, bangles - tinkle].</p>			
TERM-II						
6	October	16	<p>Prose:7.The Invention of Vita Wonk - 8 periods</p> <p>Suppl 5- The Bear Story 4 periods</p> <p>Writing – Dialogue completion 4 periods</p>	<p>https://diksha.gov.in/play/collection/do_3131034751141642241730?referrer=utm_source%3Dmobile%26utm_campaign%3Dshare_content&contentId=do_313068048019537920110638</p> <p>https://diksha.gov.in/play/collection/do_3131034751160156161922?referrer=utm_source%3Dmobile%26utm_campaign%3Dshare_content&contentId=do_31336605218823372812806</p> <p>Know your elders</p> <ol style="list-style-type: none"> 1. The students will be asked to make a family tree in their note book, pasting pictures of each member, with the picture of the oldest member being on the top. 2. They will be asked to write a 'Thank you message' for an elderly member of their family. They should use appropriate vocabulary for expressing gratitude. 		
7	November	22	<p>Poem 7 – Dad and the Cat and the Tree 6 periods</p> <p>Poem 8- Meadow Surprises- 6 periods</p> <p>Grammar: Active and Passive voice- 5 periods</p>	<p>https://diksha.gov.in/play/collection/do_3131034751141642241730?referrer=utm_source%3Dmobile%26utm_campaign%3Dshare_content&contentId=do_31306805031318323219887</p> <p>https://diksha.gov.in/play/collection/do_3131034751141642241730?referrer=utm_source%3Dmobile%26utm_campaign%3Dshare_content&contentId=do_31306835335198310418786</p>		

			<p>Writing: Recipe Writing – 2 periods</p> <p>Writing: Paragraph writing – 3 periods</p>	<p>Activity: Rhyming Words The students will be asked to pick out any six pairs of rhyming words from the poem and add at least one more word to each pair.</p> <p>Activity: Objects Perspective Choose any one object from nature and write a 3 paragraph essay from the perspective of that object. Your essay should include: 1. Interesting introduction. 2. Daily routine of the object. 3. How does it feel about its life? You may write on trees, mountains, grass etc.</p>		
8	December	18	<p>Suppl:6-A Tiger in the House- 7 periods</p> <p>Grammar: Modals - 6 periods</p> <p>Writing: Informal and Formal letter writing – 5 periods</p>	<p>https://diksha.gov.in/play/collection/do_3131034751160156161922?referrer=utm_source%3Dmobile%26utm_campaign%3Dshare_content&contentId=do_31336605223578009612807</p>		
9	January 2025	24	<p>Poem:8.Garden Snake 3 -p</p> <p>Suppl:7.An Alien Hand - 5 periods</p> <p>Grammar- Subject verb agreement - 5 periods</p>	<p>https://diksha.gov.in/play/collection/do_3131034751141642241730?referrer=utm_source%3Dmobile%26utm_campaign%3Dshare_content&contentId=do_313068363538202624111042</p> <p>https://diksha.gov.in/play/collection/do_3131034751160156161922?referrer=utm_source%3Dmobile%26utm_campaign%3Dshare_content&contentId=do_31336605227837849612809</p> <p>Activity: Helping Hands The students will be asked to identify any five animals / insects that they come across regularly and mention the ways in which they are useful to human beings.</p>		PERIODIC TEST-2
10	February	22	<p>Supply 8:A Homage to our Brave Soldiers - 4 periods</p> <p>Revision- 20 periods</p>			
12	March		Session Ending Exams			Session Ending Examination

Note: ‘Working with Language’ prescribed in the given NCERT textbook of class VII can be taught as grammar topics.

Deleted Chapters:

Honeycomb: 1) Unit 8 → Fire: Friend and Foe

2) Unit 9 → A Bicycle in Good Repair

3) Unit 10 → The Story of Cricket

An Alien Hand: 1) Chapter 3 → The Desert

2) Chapter 4 → The Cop and the Anthem

3) Chapter 6 → I want Something in a Cage

**** LAT (Learner’s Achievement Test) every month**

Useful Resources

Question Bank: Class VII English	https://cbseacademic.nic.in/cbe/documents/Item-Bank---English---Class-7.pdf
Curriculum Aligned Competency Based Test Items : Class VII English	https://cbseacademic.nic.in/cbe/documents/SAS_English-Class-7.pdf

CLASS VII

SUBJECT- HINDI

क्र.सं	माह / महीना	कार्य दिवसों की संख्या	पाठ्यपुस्तक / पाठ का नाम वसंत भाग -2 एवं बाल महाभारत कथा	शिक्षण में मददगार सामग्री / ई.सामग्री / नवीन दृष्टिकोण	परीक्षा/ मूल्यांकन
1	अप्रैल & मई 2024	20	हम पंछी उन्मुक्त गगन के, हिमालय की बेटियाँ (बाल महाभारत कथा) देवव्रत, भीष्म प्रतिज्ञा, अपठित गयांश, अपठित पयांश	https://diksha.gov.in/play/collection/do_3131034751074385921918 NCERT द्वारा प्रस्तुत - https://youtu.be/-T_jDSavBFU https://youtu.be/Ymk-1NhfAFs https://diksha.gov.in/play/collection/do_3131034751097815041920	वाचन परीक्षा, श्रुतलेख, बहुविकल्पीय प्रश्न परीक्षण
			कठपुतली	https://diksha.gov.in/play/collection/do_3131034751074385921918 NCERT द्वारा प्रस्तुत https://youtu.be/uyF-LwAT8OI	बहुविकल्पीय प्रश्न परीक्षण
2	जून	8	अम्बा और भीष्म, विदुर, कुंती, भीम, कर्ण	https://diksha.gov.in/play/collection/do_3131034751097815041920	मौखिक परीक्षण
3	जुलाई	25	मिठाईवाला, अनुच्छेद लेखन, पत्र लेखन	https://diksha.gov.in/play/collection/do_3131034751074385921918 NCERT द्वारा प्रस्तुत - https://youtu.be/NeEPX-2PPRA	प्रथम आवधिक परीक्षा
4	अगस्त	24	पापा खो गए, शाम एक किसान,	https://diksha.gov.in/play/collection/do_3131034751074385921918 NCERT द्वारा प्रस्तुत-	श्रुतलेख, संवाद लेखन -परीक्षण

			अपूर्व अनुभव, संवाद लेखन	https://youtu.be/qfLZieYxfoA https://youtu.be/nEBHJZijO68 https://youtu.be/a6Q6b-VgVt0	
5	सितम्बर	22	रहीम के दोहे, द्रोणाचार्य, लाख का घर, पांडवों की रक्षा, पुनरावृत्ति कार्य	https://diksha.gov.in/play/collection/do_3131034751074385921918 https://diksha.gov.in/play/collection/do_3131034751097815041920	अर्द्धवार्षिक परीक्षा
6	अक्तूबर	16	एक तिनका, खान पान की बदलती तस्वीर, द्रौपदी-स्वयंवर, इन्द्रप्रस्थ, जरासंध, शकुनी का प्रवेश	https://diksha.gov.in/play/collection/do_3131034751074385921918 NCERT द्वारा प्रस्तुत - https://youtu.be/OlxNVWIHu0s https://youtu.be/Yd5Fu2RdmP8 https://diksha.gov.in/play/collection/do_3131034751097815041920	मौखिक परीक्षा बहुविकल्पीय प्रश्न परीक्षण
7	नवंबर	22	नीलकंठ, भोर और बरखा, वीर कुँवर सिंह, भीम और हनुमान, द्वेष करने वालों का जी नहीं भरता, मायावी सरोवर, यक्ष प्रश्न	https://diksha.gov.in/play/collection/do_3131034751074385921918 NCERT द्वारा प्रस्तुत - https://youtu.be/-Bz4quG3xZY https://youtu.be/87F5QPqhrYA https://youtu.be/MtUcHfKXARk https://diksha.gov.in/play/collection/do_3131034751097815041920	श्रुतलेख पर्ची परीक्षण
8	दिसंबर	18	संघर्ष के कारण मैं तुनुकमिजाज हो गया : धनराज अज्ञातवास, प्रतिज्ञा पूर्ति,	https://diksha.gov.in/play/collection/do_3131034751074385921918 NCERT द्वारा प्रस्तुत - https://youtu.be/RsRymX1SsLg https://diksha.gov.in/play/collection/do_3131034751097815041920	श्रुतलेख वाचन परीक्षा

			विराट का भ्रम,मंत्रणा, राजदूत संजय, शांतिदूत श्रीकृष्ण, पांडवों और कौरवों के सेनापति		
9	जनवरी 2025	24	आश्रम का अनुमानित व्यय, पहला, दूसरा और तीसरा दिन, चौथा पांचवाँ और छठा दिन, सातवाँ, आठवाँ और नवाँ दिन, भीष्म शर-शय्या पर, बारहवाँ दिन	https://diksha.gov.in/play/collection/do_3131034751074385921918 NCERT द्वारा प्रस्तुत - https://youtu.be/V_K1uWV6gWE https://diksha.gov.in/play/collection/do_3131034751097815041920	द्वितीय आवधिक परीक्षा
10	फरवरी	22	अभिमन्यु, युधिष्ठिर की चिंता, जयद्रथ और आचार्य द्रोण का अंत, कर्ण और दुर्योधन भी मारे गए, अश्वत्थामा, युधिष्ठिर की वेदना, पांडवों का धृतराष्ट्र के प्रति व्यवहार, श्रीकृष्ण और युधिष्ठिर, पुनरावृत्ति कार्य	https://diksha.gov.in/play/collection/do_3131034751097815041920	आंतरिक मूल्यांकन पुनरावृत्ति कार्य
12	मार्च		पुनरावृत्ति कार्य एवं सत्रांत परीक्षा		सत्रांत परीक्षा

NOTE : ** LAT (Learner's Achievement Test) every month

Sl. No	NAME OF MONTH	NO. OF WORKING DAYS	PERIODS	NAME OF THE CHAPTER/TOPIC TO BE COVERED	TEACHING AIDS/E-CONTENT/INNOVATIVE PRACTICES TO BE ADOPTED	TEST/EXAMINATION TO BE CONDUCTED
प्रथमसत्रम्						
1	अप्रैल & मई 2024	20	12	प्रथमःपाठः सुभाषितानि द्वितीयःपाठः दुर्बुद्धिः विनश्यति	पदच्छेदः । अन्वयः । किं शब्दस्य त्रिषु लिङ्गेषु रूपाणि । प्रश्ननिर्माणम् । पदानां लिङ्गप्रत्यभिज्ञानम् । मूलधातुबोधः । सरलसंस्कृतसम्भाषणम् । त्रयाणां पुरुषाणामवबोधः (प्रथम-मध्यम-उत्तमपुरुषाः) । घटनाक्रमलेखनम् । कथापूरणम् । सरलसंस्कृतसम्भाषणम् । अपठित-अवबोधनम्	
2	जून	8	3	तृतीयः पाठः स्वावलम्बनम्	पाठस्य वाचनम् । संख्यावाचिशब्दाः । (एकतः शतपर्यन्तम्) । तद्-एतद् शब्दयोः रूपाणि । वाक्यनिर्माणम् । सरलसंस्कृतसम्भाषणम् । चित्रं दृष्ट्वा लघुवाक्यानां लेखनम् ।	
3	जुलाई	25	15	चतुर्थः पाठः पण्डिता रमाबाई प्रथमसामयिक-	प्रश्ननिर्माणम् । पदपरिचयः । घटनाक्रमानुसारं लेखनम् । सरलसंस्कृतसम्भाषणम् ।	Periodic Test-I

				परीक्षायैपुनरावृ त्ति:		
4	अगस्त	24	12	पञ्चमःपाठः सदाचारः षष्ठःपाठः सङ्कल्पः सिद्धिदायकः	अन्वयावबोधः प्रश्ननिर्माणम् वाक्यनिर्माणम् अव्ययप्रयोगः चित्रवर्णनम् सरलसंस्कृतसम्भाषणम् । Links: <u>Diksha Portal-</u> <u>https://diksha.gov.in/play/content/do_31334056717156352016121</u> स्म-शब्दस्यप्रयोगेण भूतकालिकक्रियापदानां (लङ् लकारार्थे) निर्माणम् । समानार्थकपदज्ञानम् । सरलसंस्कृतसम्भाषणम् ।	
5	सितम्ब र	22	12	सप्तमःपाठः त्रिवर्णः ध्वजः अर्धवार्षिकपरी क्षायै पुनरावृत्तिः	शब्दरूपज्ञानम् प्रश्ननिर्माणम् वाक्यनिर्माणम् सरलसंस्कृतसम्भाषणम् ।	अर्धवार्षिकपरी क्षा
द्वितीयसत्रम्						

6	अक्टूबर	16	09	अष्टमःपाठः अहमपि विद्यालयं गमिष्यामि	प्रश्ननिर्माणम्। सन्धिज्ञानम्। समानार्थक-विलोमपदानां ज्ञानम्। विशेषण- विशेष्यपदज्ञानम्। सरलसंस्कृतसम्भाषणम्।	
7	नवम्बर	22	12	नवमःपाठः विश्वबन्धुत्वम् विश्वबन्धुत्वम् (Continuation)	समानार्थकपदानि। वाक्यसंशोधनम् (पुरुष-लिङ्ग-विभक्ति-वचनानुगुणम्) । सरलसंस्कृतसम्भाषणम्।	
8	दिसम्बर	18	09	दशमःपाठः समवायो हि दुर्जयः	प्रश्ननिर्माणम्। क्रियापदानां प्रयोगः। सरलसंस्कृतसम्भाषणम्। Links: अनुवादः- Diksha Portal- 1) https://youtu.be/INg0k3wS9us	
9	जनवरी 2025	24	12	एकादशःपाठः विद्याधनम्	पदपरिचयः। अन्वयावबोधः। प्रश्ननिर्माणम्। पदानां लिङ्गप्रत्यभिज्ञानम् । सरलसंस्कृतसम्भाषणम्। Diksha Portal- https://diksha.gov.in/play/content/do_31334056767936921617235	Periodic Test II

				द्वितीयसामयिक - परीक्षायै पुनरावृत्तिः		
10	फरवरी	22	12	द्वादशःपाठः अमृतं संस्कृतम् त्रयोदशःपाठः लालनगीतम् सत्रान्तपरीक्षायै पुनरावृत्तिः	इकारान्तस्त्रीलिङ्गशब्दरूपाणि, मति-प्रभृतयः । प्रश्ननिर्माणम् । पदपरिचयः । सरलसंस्कृतसम्भाषणम् । चित्रवर्णनम् । गीतगायनम् । प्रश्ननिर्माणम् । समानार्थक-विलोमपदज्ञानम् । विभक्तिज्ञानम् । सरलसंस्कृतसम्भाषणम् । चित्रदृष्ट्वा संस्कृते लघुवाक्यानां निर्माणाभ्यासः । <i>*You are requested to visit Diksha Portal for videos:</i> https://diksha.gov.in/	
11	मार्च			सत्रान्तपरीक्षा		SESSION ENDING EXAM

NOTE : ** LAT (Learner's Achievement Test) every month

CLASS VII

SUBJECT- SCIENCE

Sl. No	MONTH	NO OF WORKING DAYS	NAME OF THE CHAPTER/TOPIC TO BE COVERED	TEACHING AIDS /E- CONTENT / INNOVATIVE PRACTICES TO BE ADOPTED	TEST/EXAMINATION TO BE CONDUCTED
TERM -1 (2024-25)					
1	APRIL & MAY 2024	20	NUTRITION IN PLANTS	https://ncert.nic.in/textbook.php?gesc1=1-13 (NCERT text book) https://diksha.gov.in/play/content/do_31310503234483814412666 https://diksha.gov.in/play/content/do_31310503282283315212248 https://cbseacademic.nic.in/cbe/documents/SAS_Science-Class-7.pdf https://cbseacademic.nic.in/cbe/documents/Item-Bank---Science-Class-7.pdf	1.CLASS TEST 2.ORAL TEST 3.MCQ's 4.SHORT QUESTIONS 5.MULTIDISCIPLINARY PROJECT 6.CCT TEST ITEMS 7.CBT QUESTIONS 8.Subject Enrichment Activity https://cbseacademic.nic.in/web_material/term/7science.pdf https://cbseacademic.nic.in/web_material/publication/curriculum/Alternative_to_Homework_Class_VI_VIII.pdf https://ncert.nic.in/pdf/publication/exemplarproblem/classVII/Science/geep101.pdf
			NUTRITION IN ANIMALS	https://ncert.nic.in/textbook.php?gesc1=2-13 (NCERT text book) https://diksha.gov.in/play/content/do_31310503396143104012667 https://cbseacademic.nic.in/cbe/documents/SAS_Science-Class-7.pdf https://cbseacademic.nic.in/cbe/documents/Item-Bank---Science-Class-7.pdf	1.CLASS TEST 2.ORAL TEST 3.MCQ's 4.SHORT QUESTIONS 5.MULTIDISCIPLINARY PROJECT 6.CCT TEST ITEMS 7.CBT QUESTIONS 8.Subject Enrichment Activity https://cbseacademic.nic.in/web_material/term/7science.pdf

					https://cbseacademic.nic.in/web_material/publication/curriculum/Alternative_to_Homework_Class_VI_VIII.pdf https://ncert.nic.in/pdf/publication/exemplarproblem/classVII/Science/geep102.pdf
2	JUNE	8	HEAT	https://ncert.nic.in/textbook.php?gesc1=3-13 (NCERT text book) https://diksha.gov.in/play/content/do_31310503539407257612252 https://cbseacademic.nic.in/cbe/documents/SAS_Science-Class-7.pdf https://ncert.nic.in/pdf/publication/exemplarproblem/classVII/Science/geep104.pdf https://cbseacademic.nic.in/cbe/documents/Item-Bank---Science-Class-7.pdf	1.CLASS TEST 2.ORAL TEST 3.MCQ's 4.SHORT QUESTIONS 5.MULTIDISCIPLINARY PROJECT 6.CCT TEST ITEMS 7.CBT QUESTIONS 8.Subject Enrichment Activity https://cbseacademic.nic.in/web_material/term/7science.pdf https://cbseacademic.nic.in/web_material/publication/curriculum/Alternative_to_Homework_Class_VI_VIII.pdf https://ncert.nic.in/pdf/publication/exemplarproblem/classVII/Science/geep104.pdf
3	JULY	25	ACID,BASES AND SALT PHYSICAL AND CHEMICAL CHANGES	https://ncert.nic.in/textbook.php?gesc1=4-13 (NCERT text book) https://diksha.gov.in/play/content/do_31310503569727488012669 https://cbseacademic.nic.in/cbe/documents/SAS_Science-Class-7.pdf https://ncert.nic.in/textbook.php?gesc1=5-13 (NCERT text book) https://diksha.gov.in/play/content/do_31310503614993203212388 https://cbseacademic.nic.in/cbe/documents/Item-Bank---Science-Class-7.pdf https://cbseacademic.nic.in/cbe/documents/SAS_Science-Class-7.pdf	PERIODIC TEST-I https://cbseacademic.nic.in/web_material/term/7science.pdf https://ncert.nic.in/pdf/publication/exemplarproblem/classVII/Science/geep105.pdf https://ncert.nic.in/pdf/publication/exemplarproblem/classVII/Science/geep106.pdf

4	AUGUST	24	RESPIRATION IN ORGANISMS	https://ncert.nic.in/textbook.php?gesc1=6-13 (NCERT text book) https://diksha.gov.in/play/content/do_31310503772849766412945 https://cbseacademic.nic.in/cbe/documents/Item-Bank---Science-Class-7.pdf https://cbseacademic.nic.in/cbe/documents/SAS_Science-Class-7.pdf	1.CLASS TEST 2.ORAL TEST 3.MCQ's 4.SHORT QUESTIONS 5.MULTIDISCIPLINARY PROJECT 6.CCT TEST ITEMS 7.CBT QUESTIONS 8.Subject Enrichment Activity https://cbseacademic.nic.in/web_material/term/7science.pdf https://cbseacademic.nic.in/web_material/publication/curriculum/Alternative to Homework Class VI VIII.pdf https://ncert.nic.in/pdf/publication/exemplarproblem/classVII/Science/geep110.pdf
			TRANSPORTATION IN ANIMALS AND PLANTS	https://ncert.nic.in/textbook.php?gesc1=7-13 (NCERT text book) https://diksha.gov.in/play/content/do_312795707430715392110399 https://ncert.nic.in/pdf/publication/exemplarproblem/classVII/Science/geep111.pdf https://cbseacademic.nic.in/cbe/documents/Item-Bank---Science-Class-7.pdf https://cbseacademic.nic.in/cbe/documents/SAS_Science-Class-7.pdf	1.CLASS TEST 2.ORAL TEST 3.MCQ's 4.SHORT QUESTIONS 5.MULTIDISCIPLINARY PROJECT 6.CCT TEST ITEMS 7.CBT QUESTIONS 8.Subject Enrichment Activity https://cbseacademic.nic.in/web_material/term/7science.pdf https://cbseacademic.nic.in/web_material/publication/curriculum/Alternative to Homework Class VI VIII.pdf https://ncert.nic.in/pdf/publication/exemplarproblem/classVII/Science/geep111.pdf

5	SEPTEMBER	22	REPRODUCTION IN PLANTS	https://ncert.nic.in/textbook.php?gesc1=8-13 (NCERT text book) https://diksha.gov.in/play/content/do_31310503967608012812671 https://cbseacademic.nic.in/cbe/documents/Item-Bank---Science-Class-7.pdf	HALF YEARLY EXAMINATION https://cbseacademic.nic.in/web_material/term/7/science.pdf https://ncert.nic.in/pdf/publication/exemplarproblem/classVII/Science/geep112.pdf
TERM –II (Session 2024-25)					
6	OCTOBER	16	MOTION AND TIME	https://ncert.nic.in/textbook.php?gesc1=9-13 (NCERT text book) https://diksha.gov.in/play/content/do_31310504131936256012256 https://cbseacademic.nic.in/cbe/documents/SAS_Science-Class-7.pdf https://cbseacademic.nic.in/cbe/documents/Item-Bank---Science-Class-7.pdf	1.CLASS TEST 2.ORAL TEST 3.MCQ's 4.SHORT QUESTIONS 5.MULTIDISCIPLINARY PROJECT 6.CCT TEST ITEMS 7.CBT QUESTIONS 8.Subject Enrichment Activity https://cbseacademic.nic.in/web_material/term/7/science.pdf https://cbseacademic.nic.in/web_material/publication/curriculum/Alternative_to_Homework_Class_VI_VIII.pdf https://ncert.nic.in/pdf/publication/exemplarproblem/classVII/Science/geep113.pdf
7	NOVEMBER	22	ELECTRICITY CURRENT AND ITS EFFECT	https://ncert.nic.in/textbook.php?gesc1=10-13 (NCERT text book) https://diksha.gov.in/play/collection/do_31310355172205363211325?contentType=TextBook https://cbseacademic.nic.in/cbe/documents/SAS_Science-Class-7.pdf	1.CLASS TEST 2.ORAL TEST 3.MCQ's 4.SHORT QUESTIONS 5.MULTIDISCIPLINARY PROJECT 6.CCT TEST ITEMS 7.CBT QUESTIONS 8.Subject Enrichment Activity https://cbseacademic.nic.in/web_material/term/7/science.pdf

				https://cbseacademic.nic.in/cbe/documents/Item-Bank---Science-Class-7.pdf	https://cbseacademic.nic.in/web_material/publication/curriculum/Alternative_to_Homework_Class_VI_VIII.pdf https://ncert.nic.in/pdf/publication/exemplarproblem/classVII/Science/geep114.pdf
			LIGHT	https://ncert.nic.in/textbook.php?gesc1=11-13 (NCERT text book) https://diksha.gov.in/play/content/do_312795707811241984110403 https://cbseacademic.nic.in/cbe/documents/SAS_Science-Class-7.pdf https://cbseacademic.nic.in/cbe/documents/Item-Bank---Science-Class-7.pdf	1.CLASS TEST 2.ORAL TEST 3.MCQ's 4.SHORT QUESTIONS 5.MULTIDISCIPLINARY PROJECT 6.CCT TEST ITEMS 7.CBT QUESTIONS 8.Subject Enrichment Activity https://cbseacademic.nic.in/web_material/term/7science.pdf https://cbseacademic.nic.in/web_material/publication/curriculum/Alternative_to_Homework_Class_VI_VIII.pdf https://ncert.nic.in/pdf/publication/exemplarproblem/classVII/Science/geep115.pdf
8	DECEMBER	18	FOREST OUR LIFELINE	https://ncert.nic.in/textbook.php?gesc1=12-13 (NCERT text book) https://diksha.gov.in/play/content/do_312795708026757120111674 https://cbseacademic.nic.in/cbe/documents/SAS_Science-Class-7.pdf https://cbseacademic.nic.in/cbe/documents/Item-Bank---Science-Class-7.pdf https://cbseacademic.nic.in/web_material/Manuals/ Ecoclub.pdf (Pg 45 to 51)	1.CLASS TEST 2.ORAL TEST 3.MCQ's 4.SHORT QUESTIONS 5.MULTIDISCIPLINARY PROJECT 6.CCT TEST ITEMS 7.CBT QUESTIONS 8.Subject Enrichment Activity https://cbseacademic.nic.in/web_material/term/7science.pdf

				http://www.envis.nic.in/ https://environ.org.in/	https://cbseacademic.nic.in/web_material/publication/curriculum/Alternative_to_Homework_Class_VI_VIII.pdf https://ncert.nic.in/pdf/publication/exemplarproblem/classVII/Science/geep117.pdf
9	JANUARY 2025	24	WASTE WATER STORY	https://ncert.nic.in/textbook.php?gesc1=13-13 (NCERT text book) https://diksha.gov.in/play/content/do_312795708171182080110408 https://cbseacademic.nic.in/cbe/documents/SAS_Science-Class-7.pdf https://cbseacademic.nic.in/cbe/documents/Item-Bank---Science-Class-7.pdf	PERIODIC TEST –II SYLLABUS COVERED UPTO DECEMBER https://cbseacademic.nic.in/web_material/term/7science.pdf https://ncert.nic.in/pdf/publication/exemplarproblem/classVII/Science/geep118.pdf
10	FEBRUARY	22	REVISION	QUIZ,CCT TEST ITEMS,SHORT TESTS, RE-TEACHING OF TOPICS	Internal Assessments Revision
11	MARCH				SESSION ENDING EXAMINATION

Useful Resources

CBSE Teacher Manuals: Class VII:Science	https://cbseacademic.nic.in/web_material/term/7science.pdf
Curriculum Aligned Competency Based Test Items : Class VII Science	https://cbseacademic.nic.in/cbe/documents/SAS_Science-Class-7.pdf
Question Bank: Class VII Science	https://cbseacademic.nic.in/cbe/documents/Item-Bank---Science-Class-7.pdf

NOTE : ** LAT (Learner's Achievement Test) every month

Sl. No.	Month	No of working days	Name of the chapter/topic to be covered	Teaching aids/E content/Innovative practices to be adopted	Test/ Examinations to be conducted
1	April-May 2024	20	INTEGERS Multiplication of Integers Multiplication of a Positive and Negative Integer Multiplication of two Negative Integer Properties of Multiplication of Integers Division of Integers Properties of Division of Integers	multiplication of integers: https://diksha.gov.in/play/content/do_313078853173411840111711 closure: https://diksha.gov.in/play/content/do_31307451369989734415977 commutative: https://diksha.gov.in/play/content/do_31307451387877785619398 associative https://diksha.gov.in/play/content/do_3130394135166648321431	
2	June	8	Fractions and Decimals Multiplication of fractions Division of Fraction Multiplication of Decimal numbers Division of decimals	Multiplication of decimals https://diksha.gov.in/play/content/do_31307451402863411219687 division of decimals https://diksha.gov.in/play/content/do_31307453015701094419168 Lab Activity 1: https://cbseacademic.nic.in/web_material/publication/archive/maths_activity_class_3_8_part_3.pdf	

3	July	25	<p>DATA HANDLING</p> <p>Arithmetic Mean Mode of Large Data Median</p> <p>Use of Bar Graphs with a Different Purpose</p> <p>Simple Equations</p> <p>Setting up of an equation. What is Equation.Solving an Equation More Equations</p> <p>Applications of Simple Equations To Practical Situations</p>	<p>Range and mean</p> <p>https://diksha.gov.in/play/content/do_31307884827300659217854</p> <p>median and mode</p> <p>https://diksha.gov.in/play/content/do_313078848322478080111698</p> <p>Lab Activity 2 Representation of a data by a bar graph</p> <p>https://cbseacademic.nic.in/web_material/publication/archive/maths_activity_class_3_8_part_3.pdf</p> <p>SIMPLE EQUATION</p> <p>https://diksha.gov.in/play/content/do_313078853382733824111713</p>	<p style="text-align: center;">Periodic Test 1</p> <p style="text-align: center;">Syllabus</p> <ol style="list-style-type: none"> 1. Integers 2. Fractions and Decimals 3. Data Handling
4	August	24	<p>Lines and Angles</p> <p>Introduction to Lines and Angles Related angles</p> <p>Complementary Angles</p> <p>Supplementary Angles</p>	<p>Intersecting and parallel lines</p> <p>https://diksha.gov.in/play/content/do_31307885350538444817863</p> <p>Complementary and supplementary angles</p> <p>https://diksha.gov.in/play/content/do_3130394136534876161714</p> <p>Angles made by parallel lines</p> <p>https://diksha.gov.in/play/content/do_313079673110929408112052</p>	

		<p>Pairs of Lines Intersecting Lines</p> <p>Transversal, Angles made by a Transversal, Transversal of Parallel Lines</p> <p>Checking for parallel lines</p> <p>The Triangle and its Properties</p> <p>Medians of a Triangle, Altitudes of a Triangle</p> <p>Exterior Angle of a Triangle and Its Property</p> <p>Angle Sum Property of a Triangle</p>	<p>LAB ACTIVITY 3</p> <p>https://cbseacademic.nic.in/web_material/publication/archive/maths_activity_class_3_8_part_3.pdf</p> <p>Median and altitude</p> <p>https://diksha.gov.in/play/content/do_313079673626730496110067</p> <p>LAB ACTIVITY 4</p> <p>https://cbseacademic.nic.in/web_material/publication/archive/maths_activity_class_3_8_part_3.pdf</p> <p>Exterior angle theorem</p> <p>https://diksha.gov.in/play/content/do_3130394137542819841705</p> <p>Angle sum property</p> <p>https://diksha.gov.in/play/content/do_31310505927033651212426</p> <p>LAB ACTIVITY 5</p> <p>https://cbseacademic.nic.in/web_material/publication/archive/maths_activity_class_3_8_part_3.pdf</p>	
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			<p>Sum of the Lengths of Two Sides of a Triangle Right angled Triangles and</p> <p>Pythagoras Property</p>	<p>LAB ACTIVITY 6</p> <p>https://cbseacademic.nic.in/web_material/publication/archive/maths_activity_class_3_8_part_3.pdf</p> <p>Pythagoras property</p> <p>https://diksha.gov.in/play/content/do_31307451450217267219688</p> <p>LAB ACTIVITY 7</p> <p>https://cbseacademic.nic.in/web_material/publication/archive/maths_activity_class_3_8_part_3.pdf</p>	
5	September	22	<p>COMPARING QUANTITIES</p> <p>Converting fraction numbers to percentage</p> <p>Converting Decimals to Percentage</p> <p>Converting percentage to Fraction or Decimals</p> <p>Use of Percentage</p>	<p>Meaning of percentage</p> <p>https://diksha.gov.in/play/content/do_31308591520445235212915</p> <p>https://diksha.gov.in/play/content/do_31308591523737600014087</p>	

			<p>Ratio to Percents Increase or decrease as percents</p> <p>Prices related to an item or buying and selling Profit or loss as a percentage</p> <p>Charge given on borrowed money or Simple Interest</p>	<p>simple interest</p> <p>https://diksha.gov.in/play/content/do_31308591531637964814088</p> <p>https://diksha.gov.in/play/content/do_31308591536435200012105</p> <p>REVISION</p>	<p>HALF YEARLY/MID TERM SYLLABUS</p> <p>Complete syllabus of Term 1(April to September)</p>
6	October	16	<p>Rational Numbers</p> <p>Rationals Numbers On a Number Line</p> <p>Rational Numbers in Standard Form</p> <p>Comparison of Rational Numbers</p> <p>Rational Numbers Between Two Rational Numbers</p> <p>Operations On Rational Numbers</p>	<p>Introduction</p> <p>https://diksha.gov.in/play/content/do_31307451507403980815982</p> <p>comparison</p> <p>https://diksha.gov.in/play/content/do_31310506062977433612428</p> <p>Rational numbers between 2 rational numbers</p> <p>https://diksha.gov.in/play/content/do_3130394138849771521406</p> <p>SUBTRACTION</p> <p>https://diksha.gov.in/play/content/do_3131105626564034561571</p>	
7	November	22	<p>PERIMETER AND AREA</p> <p>Area of a Parallelogram</p>	<p>LAB ACTIVITY 8</p>	

			<p>Area of Triangle</p> <p>Circumference of a Circle</p> <p>Area of Circle</p> <p>Algebraic expressions</p> <p>Terms of An Expression.</p> <p>Like and Unlike Terms.</p> <p>Monomials, Binomials, Trinomials and Polynomials</p> <p>Finding The Value of An Expression</p>	<p>https://cbseacademic.nic.in/web_material/publication/archive/maths_activity_class_3_8_part_3.pdf</p> <p>LAB ACTIVITY 9</p> <p>https://cbseacademic.nic.in/web_material/publication/archive/maths_activity_class_3_8_part_3.pdf</p> <p>Terms of an expression</p> <p>https://diksha.gov.in/play/content/do_3131105636532797441574</p> <p>Like and unlike terms</p> <p>https://diksha.gov.in/play/content/do_3130191952972185601154</p> <p>Types of polynomial</p> <p>https://diksha.gov.in/play/content/do_3130191954088673281890</p> <p>Finding value</p> <p>https://diksha.gov.in/play/content/do_31307451523537305615745</p>	
8	December	18	<p>Exponents and Powers</p> <p>Exponents,</p> <p>Laws of Exponents, Multiplying and Dividing Powers With The Same Base</p>	<p>Exponential form of a number</p>	

			<p>Taking Power of a Power</p> <p>Multiplying and</p> <p>Dividing powers with the same exponents</p> <p>Numbers with exponent zero.</p> <p>Miscellaneous examples using the laws of exponents</p> <p>Decimal number system</p> <p>Expressing large numbers in the standard form</p>	<p>https://diksha.gov.in/play/content/do_3130394140241756161407</p> <p>https://diksha.gov.in/play/content/do_3130394141057351681723</p> <p>Standard form</p> <p>https://diksha.gov.in/play/content/do_31307885429737881619773</p>	
9	January 2025	24	<p>SYMMETRY</p> <p>Lines of Symmetry for Regular Polygons Rotational Symmetry</p> <p>Line Symmetry and Rotational symmetry</p>	<p>https://diksha.gov.in/play/content/do_31307453028802560018104</p>	<p>Periodic Test II</p> <ol style="list-style-type: none"> 1. Rational numbers 2. perimeter and areas 3. Algebraic expression 4. Exponents and powers
10	February	22	<p>Visualizing Solid Shapes</p> <p>Introduction to Plane Figures and Solid Figures Faces, Edges and Vertices</p>	<p>Symmetry in regular polygons</p>	

		<p>Nets for Building 3-D Shapes Drawing Solids on a Flat Surface</p> <p>Oblique Sketches</p> <p>Isometric Sketches Visualising Solid Objects</p> <p>Viewing Different Sections of a Solid</p> <p>One way to View an Object is by cutting or slicing Another way is by shadow play</p> <p>A Third Way is by Looking at it from Certain Angles to Get Different Views</p>	<p>https://diksha.gov.in/play/content/do_31307453041641062417611</p> <p>Nets</p> <p>https://diksha.gov.in/play/content/do_31307453041641062417611</p> <p>LAB ACTIVITY 10</p> <p>https://cbseacademic.nic.in/web_material/publication/archive/maths_activity_class_3_8_part_3.pdf</p> <p>REVISION</p>	
11	March	(20% of Term-1 +Term-2)		<p>Session Ending exam (March) Syllabus</p> <p>Complete syllabus of term 2 (oct to march) and 20% syllabus of term 1</p>

Useful Resources

CBSE Teacher Manuals: Class VII:Maths	https://cbseacademic.nic.in/web_material/term/7Math.pdf
Curriculum Aligned Competency Based Test Items : Class VII Mathematics	https://cbseacademic.nic.in/cbe/documents/SAS_Maths-Class-7.pdf
Question Bank: Class VII Mathematics	https://cbseacademic.nic.in/cbe/documents/Item-Bank---Maths-Class-7.pdf

Note:- SEE March 2025 will comprise 20% of the syllabus of term 1 from the chapters fractions and decimals and simple equations

NOTE: ** LAT (Learner's Achievement Test) every month

Sl. No.	MONTH	No. of Working days	Name of the Chapter to be covered	Teaching Aids/ E- Content/ Innovative Practices to be Adopted	Test/ Examination to be conducted.
1	APRIL- MAY 2024	20	1. TRACING CHANGES THROUGH A THOUSAND YEARS (History)	1. Relates key historical developments during medieval period and describes them in order to reflect on the changes in society during medieval period and compare it with present day time. https://diksha.gov.in/play/collection/do_31310347512692736011412?contentType=TextBook https://kvno2jaipur.wordpress.com/class-7/	
			2. THE ENVIRONMENT (Geography)	1. Demonstration of surrounding and classification on biotic and abiotic components https://diksha.gov.in/play/collection/do_31310347513120358411457?contentType=TextBook https://kvno2jaipur.wordpress.com/class-7/	
			3. ON EQUALITY (Civics)	1. Collection of news articles and group discussion. https://diksha.gov.in/play/collection/do_3131034751359385601732?contentType=TextBook https://kvno2jaipur.wordpress.com/class-7/	
			1. INSIDE OUR EARH	1. Display of geographical charts. https://diksha.gov.in/play/collection/do_31310347513120358411457?contentType=TextBook https://kvno2jaipur.wordpress.com/class-7/	
2	JUNE	8	1. NEW KINGS AND KINGDOMS	1. Compare the temples shown in this chapter with any present-day temple in your neighbourhood, highlighting any similarities https://diksha.gov.in/play/collection/do_31310347512692736011412?contentType=TextBook https://kvno2jaipur.wordpress.com/class-7/	

3	JULY	25	1. THE ROLE OF GOVERNMENT IN HEALTH	1.Group discussion. 2. Role play, 3. field visit https://diksha.gov.in/play/collection/do_3131034751359385601732?contentType=TextBook https://kvno2jaipur.wordpress.com/class-7/	PERIODIC TEST I
			2. THE DELHI SULTANS	1.multiple choice questions and videos from Diksha portal. 2. Map work https://diksha.gov.in/play/collection/do_31310347512692736011412?contentType=TextBook https://kvno2jaipur.wordpress.com/class-7/	
			3. OUR CHANGING EARTH	1. Display of geographical chart. 2. Group discussion. https://diksha.gov.in/play/collection/do_31310347513120358411457?contentType=TextBook https://kvno2jaipur.wordpress.com/class-7/	
REVISION					
4	AUGUST	24	1. THE MUGHAL EMPIRE	1. Comparing policies of different Mughal rulers. 2. Drawing of family tree. https://diksha.gov.in/play/collection/do_31310347512692736011412?contentType=TextBook https://kvno2jaipur.wordpress.com/class-7/	
			2. HOW THE STATE GOVERNMENT WORKS.	1. ROLE PLAY and mock election. https://diksha.gov.in/play/collection/do_3131034751359385601732?contentType=TextBook https://kvno2jaipur.wordpress.com/class-7/	
			3. GROWING UP AS A BOYS AND GIRLS.	1. Group discussion of differences and divisions among boy and girls. https://diksha.gov.in/play/collection/do_3131034751359385601732?contentType=TextBook https://kvno2jaipur.wordpress.com/class-7/	
			4. AIR	1. Diksha portal resources.	

https://diksha.gov.in/play/collection/do_31310347513120358411457?contentType=TextBook
<https://kvno2jaipur.wordpress.com/class-7/>

REVISION

5	SEPTEMBER	22	1. WATER	<p>1. poster and Slogan writing on water and other resources.</p> <p>2. Discussion on new trends in water conservation practices.</p> <p>3. Map work on Ocean currents</p> <p>https://diksha.gov.in/play/collection/do_31310347513120358411457?contentType=TextBook https://kvno2jaipur.wordpress.com/class-7/</p>	HALF YEARLY EXAMINATION
			2. WOMEN CHANGE THE WORLD	<p>1. Poster and collage making.</p> <p>2. Quiz on women empowerment.</p> <p>https://diksha.gov.in/play/collection/do_3131034751359385601732?contentType=TextBook https://kvno2jaipur.wordpress.com/class-7/</p>	
6	OCTOBER	16	1. TRIBES, NOMADS AND SETTLED COMMUNITIES.	<p>1. Case study.</p> <p>2. map-based activities.</p> <p>https://diksha.gov.in/play/collection/do_31310347512692736011412?contentType=TextBook https://kvno2jaipur.wordpress.com/class-7/</p>	
			2. UNDERSTANDING MEDIA.	<p>1. Diksha portal resources.</p> <p>https://diksha.gov.in/play/collection/do_3131034751359385601732?contentType=TextBook https://kvno2jaipur.wordpress.com/class-7/</p>	
7	NOVEMBER	22	1. DEVOTIONAL PATH TO THE DIVINE.	<p>1. Discussion on life and their contribution of Bhakti saints.</p> <p>https://diksha.gov.in/play/collection/do_31321952136369766411985?contentType=TextBook https://kvno2jaipur.wordpress.com/class-7/</p>	

			2. HUMAN ENVIRONMENT INTRACTION IN THE TROPICAL AND SUBTROPICAL REGION.	1. Map work. 2. Assignment based seminar. https://diksha.gov.in/play/collection/do_31310347513120358411457?contentType=TextBook https://kvno2jaipur.wordpress.com/class-7/	
8	DECEMBER	18	1. THE MAKING OF THE REGIONAL CULTURES.	1. Demonstration of architecture of temples across nation. https://diksha.gov.in/play/collection/do_31310347512692736011412?contentType=TextBook https://kvno2jaipur.wordpress.com/class-7/	
			2. MARKET AROUND US.	1. scrapbook on different types of markets https://diksha.gov.in/play/collection/do_3131034751359385601732?contentType=TextBook https://kvno2jaipur.wordpress.com/class-7/	
9	JANUARY 2025	24	1. A SHIRT IN THE MARKET.	1. Role play. https://diksha.gov.in/play/collection/do_3131034751359385601732?contentType=TextBook https://kvno2jaipur.wordpress.com/class-7/	PERIODIC TEST II
			2. LIFE IN THE DESERTS.	1. Map work 2. puzzle on different terms of deserts. https://diksha.gov.in/play/collection/do_31310347513120358411457?contentType=TextBook https://kvno2jaipur.wordpress.com/class-7/	
11	FEBRUARY	22	1. EIGHTEENTH CENTURY POLITICAL FORMATIONS.	Draws comparisons between policies of different rulers in order to demonstrate evaluation skills. https://diksha.gov.in/play/collection/do_31310347512692736011412?contentType=TextBook https://kvno2jaipur.wordpress.com/class-7/	INTERNAL ASSESSMENT
12	MARCH		REVISION		SESSION ENDING EXAM

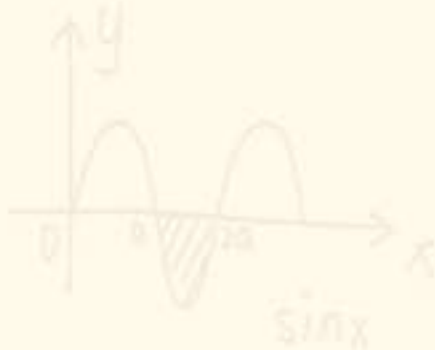
NOTE: ** LAT (Learner's Achievement Test) every month



CLASS VIII

$$\lim_{x \rightarrow 0} \frac{1 - \sqrt{\cos x}}{x(1 - \cos \sqrt{x})} \cdot \frac{1}{1 + \sqrt{\cos x}}$$

$$f(x, y) = \frac{2x+1}{3x-5} > 1$$



CLASS VIII

SUBJECT- ENGLISH

Sl. No.	Month	No. of working days	Name of the Chapter / Topic to be covered	Teaching Aids/E-Content/innovative Practices to be adapted	Test/Examination to be conducted
TERM-I					
1	April-May 2024	20	Prose:1.The Best Christmas Present in the World-9 Periods Poem:1.The Ant and the Cricket- 6 Periods Suppl.1. How the Camel Got His Hump- 5 Periods Writing:1 Notice Writing – 2 periods	The Question Book https://cbseacademic.nic.in/web_material/ComicBooks/The_Question_Book.pdf Available on the CBSE website and DIKSHA Portal. Activity-1 : Debate Prepare a debate on the topic 'War can end conflicts' Activity-2 : Compare and contrast "The Ant and the Cricket" with another fable or story that teaches a similar lesson, such as Aesop's "The Ant and the Grasshopper."	
2	June	8	Prose:2. Tsunami-4 Periods Poem:2.Geography Lesson- 3 Periods Suppl:2.Children at the Work- 4 Periods Writing:2.Message Writing- 2 Periods	Audio-Book: https://ciet.nic.in/pages.php?id=audiobook&ln=en Diary Entry: Suppose you were one of the victims of Tsunami. Write a diary entry for the same. Virtual field trips using online resources such as Google Earth or National Geographic's website. Paragraph Writing -Write a paragraph describing your first experience in an airplane.	
3	July	25	Grammar:1.Verbs Forms - 6 Periods Prose:3.Glimpses of the Past - 8 Periods Grammar:2.Tenses -6 Periods Writing:3.Bio-Sketch -5 Periods	Create quizzes based on the chapter's content to test students' understanding of key concepts, dates, and figures. Interview: The making of Indian National Movement 1870-1947. You get an opportunity to meet a freedom fighter. Design a set of questions that you would like to ask him	PERIODIC TEST-1
4	August	24	Suppl:3.The Selfish Giant - 7 Periods Writing:4.Story Writing -5 Periods	The Question Book' https://cbseacademic.nic.in/web_material/ComicBooks/The_Question_Book.pdf Available on the CBSE website and DIKSHA Portal.	

			Prose:4.- Bepin Chaudhary's Lapse of Memory - 8 Periods Writing:5. Diary Entry - 4 Periods	Letter Writing: One of the students of your class was not able to meet the expenses of the school (financial) and you helped him. Write a letter to your father describing the same.	
5	September	22	Poem:3. The Last Bargain - 5 Periods Suppl:4.The Treasure Within -8 Periods Writing:6.Paragraph Writing -5 Periods Grammar:3.Reported Speech -5 Periods	Audio-Book: https://ciet.nic.in/pages.php?id=audiobook&ln=en : Dialogue Writing :Bargain with your parents and get a thing which gives you joy. Prepare a set of dialogues on how you convinced them.	HALF YEARLY EXAMINATION
TERM-II					
6	October	16	Prose:5.The Summit Within - 6 Periods Poem:4.The School Boy - 3 Periods Grammar:4.Sentence Reordering – 4 Periods	A class discussion where students share their reflections on the chapter, discussing themes such as determination, resilience, and the pursuit of goals. Encourage them to draw connections between the experiences of the climbers and their own lives. Paragraph Writing: Why does the boy compare himself to a bird in a cage? Write a paragraph supporting his views. Diary Entry: Write a diary entry based on a task which you accomplished though you had thought it impossible earlier	
7	November	22	Suppl:5.Princess September - 7 Periods Grammar:5.Determiners - 5 Periods Prose:6.This is Jody's Fawn - 5 Periods Writing: 7.Ariticle Writing – 3 Periods	https://diksha.gov.in/get/dial/R5Z7PSwww.cbseacademic.in or any other links for practising Reading Literacy Adjectives :Pick out phrases and adjectives from the lesson describing the fawn. Which qualities of Jody do you associate with yourself and why? Describe	
8	December	18	Suppl:6.The Fight - 6 Periods Grammar:6.Active & Passive Voice -4 Periods	Available on the CBSE website and DIKSHA Portal. : Bio Sketch: After reading the lesson, write a bio-sketch of Stephen Hawking. Watch the movie, 'Theory of Everything 2014'. Which scene inspired you? Write a descriptive paragraph	

			Prose:7.A Visit to Cambridge – 5 Periods Poem:6.On the Grasshopper and the Cricket - 4 Periods	Poem Composition: Compose a poem based on nature. Include blossoms, calm, beauty, birds etc.	
9	January 2025	24	Prose:8.A Short Monsoon Diary -8 Periods Suppl:7.Jalebis - 5 Periods	https://diksha.gov.in/get/dial/R5Z7PSwww.cbseacademic.in or any other links for practising Reading Literacy Find out the difference between a TRAVELOGUE AND A DIARY ENTRY. Write one	PERIODIC TEST-2 (Syllabus up to December)
10	February	22	Supply 8:Ancient Education System of India - 9 Periods Grammar:7.Conjunctions-5 Periods Grammar:8.Editing & Gap Filling 5 Periods Writing:8.Informal Letter & Formal Letter to Editor - 5 Periods	The Question Book' http://cbseacademic.nic.in/web_material/ComicBooks/The_Question_Book.pdf Available on the CBSE website and DIKSHA Portal.	
11	March		Revision & Session Ending Exams	Audio-Book: https://ciet.nic.in/pages.php?id=audiobook&ln=en	Session Ending Examination

Useful Resources

❖ **The grammar topics to be taught are those prescribed in the NCERT textbook (Working with Language).**

Deleted Chapters (Rationalized Content):

Reader – Honeydew (Macavity: The Mystery Cat, When I Set Out for Lyonesse, Chapter 9: The Great Stone Face – I, Chapter 10: The Great Stone Face – II)

Supplementary Reader: (It So Happened...) (Chapter 7: The Open Window, Chapter 9: The Comet – I, Chapter 10: The Comet – II)

Useful Resources

Curriculum Aligned Competency Based Test Items : Class VIII English	https://cbseacademic.nic.in/cbe/documents/SAS_English-Class-8.pdf
Question Bank: Class VIII English	https://cbseacademic.nic.in/cbe/documents/Item-Bank---English---Class-8.pdf

NOTE: ** LAT (Learner's Achievement Test) every month

क्र.सं	माह/ महीना	कार्य दिवसों की संख्या	पाठ्यपुस्तक / पाठ का नाम वसंत भाग -3 एवं भारत की खोज	शिक्षण में मददगार सामग्री / ई.सामग्री / नवीन दृष्टिकोण	परीक्षा/ मूल्यांकन
1	अप्रैल- मई 2024	20	लाख की चूड़ियाँ बस की यात्रा पुनरुक्त शब्द वाक्य निर्माण	https://diksha.gov.in/play/collection/do_31310347514050150411461 https://diksha.gov.in/play/collection/do_31310347514050150411461 NCERT द्वारा प्रस्तुत - https://youtu.be/iU20K59c9GY https://youtu.be/Vf9PLrRgi9k	वाचन परीक्षा श्रुतलेख बहुविकल्पीय प्रश्न परीक्षण
			अहमद नगर का किला अपठित गद्यांश	https://diksha.gov.in/play/collection/do_31310347514295910411292	बहुविकल्पीय प्रश्न परीक्षण
2	जून	8	दीवानों की हस्ती पत्र लेखन	https://diksha.gov.in/play/collection/do_31310347514050150411461 NCERT द्वारा प्रस्तुत - https://youtu.be/n4LOnShHEC4	वाचन परीक्षण
3	जुलाई	25	भगवान के डाकिए तलाश क्रियाविशेषण, अनेकार्थी शब्द, कारक, उपसर्ग , प्रत्यय, स्वर संधि अपठित काव्यांश	https://diksha.gov.in/play/collection/do_31310347514050150411461 NCERT द्वारा प्रस्तुत – https://youtu.be/BWrNXwmPrPg https://youtu.be/kpOjkquqDoo https://diksha.gov.in/play/collection/do_31310347514295910411292	प्रथम आवधिक परीक्षा
4	अगस्त	24	क्या निराश हुआ जाए यह सबसे कठिन समय नहीं	https://diksha.gov.in/play/collection/do_31310347514050150411461	श्रुतलेख पर्ची परीक्षण

			सिंधु घाटी की सभ्यता द्वंद्व समास, संज्ञा अनुच्छेद लेखन	NCERT द्वारा प्रस्तुत – https://youtu.be/DVm79fm_FVQ https://youtu.be/7HcuOrFEW0o https://youtu.be/8LyooVKX8wI	
5	सितम्बर	22	कबीर की साखियाँ मानक रूप पत्र लेखन अनुच्छेद लेखन	https://diksha.gov.in/play/collection/do_31310347514050150411461 NCERT द्वारा प्रस्तुत – https://youtu.be/ngF88zXnfQ0	अर्द्धवार्षिक परीक्षा
6	अक्तूबर	16	सुदामा चरित युगों का दौर	https://diksha.gov.in/play/collection/do_31310347514050150411461 https://diksha.gov.in/play/collection/do_31310347514295910411292	बहुविकल्पीय प्रश्न परीक्षण मौखिक परीक्षा
7	नवंबर	22	जहाँ पहिया है, अकबरी लोटा नई समस्याएँ पत्र-लेखन	https://diksha.gov.in/play/collection/do_31310347514050150411461 NCERT द्वारा प्रस्तुत - https://youtu.be/iivZlQc51Dy https://youtu.be/w_ugVWLHfUg https://diksha.gov.in/play/collection/do_31310347514295910411292	श्रुतलेख बहुविकल्पीय प्रश्न परीक्षण
8	दिसंबर	18	सूरदास के पद अंतिम दौर – एक विलोम शब्द , पर्यायवाची शब्द	https://diksha.gov.in/play/collection/do_31310347514050150411461 NCERT द्वारा प्रस्तुत – https://youtu.be/tM_SdDxBJyA https://diksha.gov.in/play/collection/do_31310347514295910411292	श्रुतलेख वाचन परीक्षा

9	जनवरी 2025	24	पानी की कहानी बाज और साँप अंतिम दौर – दो क्रिया , संवाद लेखन	https://diksha.gov.in/play/collection/do_31310347514050150411461 NCERT द्वारा प्रस्तुत – https://youtu.be/O28pY9ImKCo https://youtu.be/zunLzGc9dMA https://diksha.gov.in/play/collection/do_31310347514295910411292	द्वितीय आवधिक परीक्षा
10	फरवरी	22	तनाव दो पृष्ठभूमियाँ पुनरावृत्ति कार्य	https://diksha.gov.in/play/collection/do_31310347514295910411292 NCERT द्वारा प्रस्तुत - https://youtu.be/Vweo-OEmoIQ	आंतरिक मूल्यांकन पुनरावृत्ति कार्य
11.	मार्च		पुनरावृत्ति कार्य एवं सत्रांत परीक्षा		सत्रांत परीक्षा

NOTE: ** LAT (Learner's Achievement Test) every month

CLASS VIII

SUBJECT- SANSKRIT

Sl. No	NAME OF MONTH	NO. OF WORKING DAYS	PERIODS	NAME OF THE CHAPTER/TOPIC TO BE COVERED	TEACHING AIDS/E-CONTENT/ INNOVATIVE PRACTICES TO BE ADOPTED	TEST/EXAMINATION TO BE CONDUCTED
प्रथमसत्रम्						
1	अप्रैल & मई 2024	20	12	<p>प्रथमःपाठः सुभाषितानि</p> <p>द्वितीयःपाठः बिलस्य वाणी न कदापि मे श्रुता</p>	<p>पदच्छेदः। अन्वयः। कर्तृ-कर्म-क्रियापादानाम् अवबोधः। प्रश्ननिर्माणम्। सन्धिज्ञानम्। किं शब्दस्य त्रिषु लिङ्गेषु रूपाणि। संस्कृतसम्भाषणम्।</p> <p>Links: https://diksha.gov.in/play/content/do_3133172751578398721932</p> <p>पञ्चतन्त्रस्य विषये अवबोधः। प्रश्ननिर्माणम्। घटनाक्रमानुसारं लेखनम्। अव्ययप्रयोगेण। अव्ययप्रयोगेण कथापूरणम्। संस्कृतसम्भाषणम्।</p>	
2	जून	8	3	<p>तृतीयःपाठः डिजीभारतम्</p>	<p>प्रश्ननिर्माणम्। विशेषण-विशेष्यज्ञानम्। सन्धिज्ञानम्। पदानां वाक्येषु प्रयोगः। चतुर्थीविभक्तेः प्रयोगः (उपपदविभक्तिः)। संस्कृतसम्भाषणम्</p>	

3	जुलाई	25	12	<p>चतुर्थःपाठः सदैव पुरतो निधेहि चरणम्</p> <p>पञ्चमःपाठः कण्टकेनैव कण्टकम्</p> <p>प्रथमसामयिक- परीक्षायैपुनरावृत्तिः</p>	<p>क्रियापदैःवाक्यपूरणम् । अव्ययप्रयोगः । विलोमपदज्ञानम् । लट्- लोट्-विधिलिङ्-लकाररूपाणि (लकारपरिवर्तनम्) ।संस्कृतसम्भाषणम्।अपठित-अवबोधनम् ।</p> <p>Links: Diksha Portal- https://diksha.gov.in/play/content/do_3133172909196328961947</p> <p>प्रश्ननिर्माणम्। कथापूरणम् । ऋकारान्तस्त्रीलिङ्गशब्दरूपाणि, मातृ-प्रभृतयः । तुमुन् प्रत्ययः। संस्कृतसम्भाषणम् ।</p>	Periodic Test-I
4	अगस्त	24	11	<p>षष्ठःपाठः गृहं शून्यं सुतां विना</p> <p>सप्तमःपाठः भारतजनताहम्</p>	<p>तृतीयाविभक्तिप्रयोगः। तत्समपदानां ज्ञानम् । विशेषण- विशेष्यपदज्ञानम् । विलोमपदज्ञानम् ।प्रश्ननिर्माणम् । सन्धिज्ञानम् । संस्कृतसम्भाषणम् । पदच्छेदः। अन्वयः । सन्धिज्ञानम् । विशेषण-विशेष्यपदप्रयोगः । समानार्थकपदज्ञानम् ।संस्कृतसम्भाषणम् ।</p>	

5	सितम्बर	22	11	<p>अष्टमःपाठः संसारसागरस्य नायकाः</p> <p>अर्धवार्षिकपरीक्षायै पुनरावृत्तिः</p>	<p>प्रश्ननिर्माणम्। सन्धिज्ञानम् । प्रत्ययाः - तुमुन् क्त्वा ल्यप् च । उपपदविभक्तिः - द्वितीयातृतीया च । संस्कृतसम्भाषणम् । रचनात्मकं कार्यम् - चित्रं दृष्ट्वासंस्कृतवाक्यनिर्माणम् ।</p> <p>Links: <i>Diksha Portal-</i> https://diksha.gov.in/play/content/do_3133172978088837121963</p>	Half Yearly Exam
अर्धवार्षिकपरीक्षा						
द्वितीयसत्रम्						
6	अक्टूबर	16	06	<p>नवमःपाठः सप्तभिगिन्यः</p>	<p>प्रश्ननिर्माणम्। तद्भवपदानां ज्ञानम् । विशेषण-विशेष्यप्रयोगः । संस्कृतसम्भाषणम् । सन्धिः।।</p> <p>Links: <i>Diksha Portal-</i> https://diksha.gov.in/play/content/do_3133172995416227841968 https://diksha.gov.in/play/content/do_313277764213325824127446</p>	
	नवम्बर	22	12	<p>दशमःपाठः नीतिनवनीतम्</p>		

7				एकादश:पाठः सावित्री बाई फुले	<p>पदच्छेदः। अन्वयः। प्रश्ननिर्माणम्। पदानि प्रयुज्य वाक्यनिर्माणम्। उचितपदानि चित्वावाक्यपूरणम्। अत्ययप्रयोगः। संस्कृतसंभाषणम्।</p> <p>Links: <i>Diksha Portal-</i> https://diksha.gov.in/play/content/do_313277768973172736127483</p> <p>प्रश्ननिर्माणम्। पदानि प्रयुज्य वाक्यनिर्माणम्। समानार्थकपदचयनम्। पदपरिचयः। लकारपरिवर्तनम्। संस्कृतसंभाषणम्। सप्तविभक्तीनां प्रयोगज्ञानम्।</p> <p>Links: <i>Diksha Portal-</i> https://diksha.gov.in/play/content/do_3133173021669130241976</p>	
8	दिसम्बर	18	07	द्वादश:पाठः कः रक्षति कः रक्षितः	<p>प्रश्ननिर्माणम्। सन्धिज्ञानम्। विशेषण-विशेष्यप्रयोगः। घटनाक्रमानुसारं लेखनम्। संस्कृतसंभाषणम्।</p> <p>Links: <i>Diksha Portal-</i> https://diksha.gov.in/play/content/do_3133173041820631041985</p>	
9	जनवरी	24	12			

				<p>त्रयोदशःपाठः क्षितौ राजते भारतस्वर्णभूमिः</p> <p>द्वितीयसामयिक- परीक्षायै पुनरावृत्तिः</p>	<p>पदच्छेदः।अन्वयः। चित्रवर्णनम्।समानार्थकपदचयनम्। संस्कृतसम्भाषणम्।</p>	<p>Periodic Test II</p>
10	फरवरी	22	09	<p>चतुर्दशःपाठः आर्यभटः</p> <p>सत्रान्तपरीक्षायै पुनरावृत्तिः</p>	<p>प्रश्ननिर्माणम्। सन्धिज्ञानम्। समानार्थक-विलोमपदानां ज्ञानम्। संस्कृतसम्भाषणम्। रचनात्मककार्यम् -चित्रवर्णनम्। पदानि प्रयुज्य वाक्यनिर्माणम्।</p> <p>Links: Diksha Portal- https://diksha.gov.in/play/content/do_3133173060846059521990</p>	
11	मार्च			सत्रान्तपरीक्षा		SESSION ENDING EXAM

NOTE: ** LAT (Learner's Achievement Test) every month

CLASS VIII

SUBJECT- SCIENCE

Sl. No	MONTH	NO OF WORKING DAYS	NAME OF THE CHAPTER/TOPIC TO BE COVERED	TEACHING AIDS /E- CONTENT / INNOVATIVE PRACTICES TO BE ADOPTED	TEST/EXAMINATION TO BE CONDUCTED
TERM -1 (2024-25)					
1	APRIL & MAY 2024	20	CROP PRODUCTION AND MANGEMENT	https://ncert.nic.in/textbook.php?hesc1=1-13 (NCERT text book) https://cbseacademic.nic.in/cbe/documents/SAS_Science-Class-8.pdf https://cbseacademic.nic.in/cbe/documents/Item-Bank--Science-Class-8.pdf https://www.youtube.com/watch?v=ljYvxN0oayE https://cbseacademic.nic.in/web_material/Manuals/ExperientialLearning.pdf	1.CLASS TEST 2.ORAL TEST 3.MCQ's 4.SHORT QUESTIONS 5.MULTIDISCIPLINARY PROJECT 6.CCT TEST ITEMS 7.CBT QUESTIONS 8.Subject Enrichment Activity https://cbseacademic.nic.in/web_material/term/8science.pdf https://cbseacademic.nic.in/web_material/publication/curriculum/Alternative_to_Homework_Class_VI_VIII.pdf https://ncert.nic.in/pdf/publication/exemplarproblem/classVIII/science/heap101.pdf
			MICRO ORGANISMS FRIEND AND FOE	https://ncert.nic.in/textbook.php?hesc1=2-13 (NCERT text book) https://cbseacademic.nic.in/cbe/documents/SAS_Science-Class-8.pdf https://cbseacademic.nic.in/cbe/documents/Item-Bank--Science-Class-8.pdf https://cbseacademic.nic.in/web_material/Manuals/ExperientialLearning.pdf	1.CLASS TEST 2.ORAL TEST 3.MCQ's 4.SHORT QUESTIONS 5.MULTIDISCIPLINARY PROJECT 6.CCT TEST ITEMS 7.CBT QUESTIONS 8.Subject Enrichment Activity https://cbseacademic.nic.in/web_material/term/8science.pdf https://cbseacademic.nic.in/web_material/publication/curriculum/Alternative

					ive to Homework Class VI VIII.pdf https://ncert.nic.in/pdf/publication/exemplarproblem/classVIII/science/heet102.pdf
2	JUNE	8	FORCE AND PRESSURE	https://ncert.nic.in/textbook.php?hesc1=8-13 (NCERT text book) https://diksha.gov.in/play/content/do_31309303271380582411060 https://cbseacademic.nic.in/cbe/documents/SAS_Science-Class-8.pdf https://cbseacademic.nic.in/cbe/documents/Item-Bank--Science-Class-8.pdf https://cbseacademic.nic.in/web_material/Manuals/ExperientialLearning.pdf	1.CLASS TEST 2.ORAL TEST 3.MCQ's 4.SHORT QUESTIONS 5.MULTIDISCIPLINARY PROJECT 6.CCT TEST ITEMS 7.CBT QUESTIONS 8.Subject Enrichment Activity https://cbseacademic.nic.in/web_material/term/8science.pdf https://cbseacademic.nic.in/web_material/publication/curriculum/Alternative_to_Homework_Class_VI_VIII.pdf https://ncert.nic.in/pdf/publication/exemplarproblem/classVIII/science/heet111.pdf
3	JULY	25	FORCE AND PRESSURE	https://ncert.nic.in/textbook.php?hesc1=3-13 (NCERT text book) https://cbseacademic.nic.in/cbe/documents/SAS_Science-Class-8.pdf https://cbseacademic.nic.in/cbe/documents/Item-Bank--Science-Class-8.pdf https://diksha.gov.in/play/content/do_3130928913234165761987 https://cbseacademic.nic.in/web_material/Manuals/ExperientialLearning.pdf	PERIODIC TEST-I
			COAL AND PETROLEUM		

4	AUGUST	24	<p>COMBUSTION AND FLAME</p> <p>FRICITION</p>	<p>https://ncert.nic.in/textbook.php?hesc1=4-13 (NCERT text book)</p> <p>https://diksha.gov.in/play/content/do_3130900576884162561109</p> <p>https://cbseacademic.nic.in/cbe/documents/SAS_Science-Class-8.pdf</p> <p>https://cbseacademic.nic.in/cbe/documents/Item-Bank--Science-Class-8.pdf</p> <p>https://cbseacademic.nic.in/web_material/Manuals/ExperientialLearning.pdf</p> <p>https://ncert.nic.in/textbook.php?hesc1=9-13 (NCERT text book)</p>	<p>1.CLASS TEST 2.ORAL TEST 3.MCQ's 4.SHORT QUESTIONS 5.MULTIDISCIPLINARY PROJECT 6.CCT TEST ITEMS 7.CBT QUESTIONS 8.Subject Enrichment Activity https://cbseacademic.nic.in/web_material/term/8science.pdf https://cbseacademic.nic.in/web_material/publication/curriculum/Alternative_to_Homework_Class_VI_VIII.pdf https://ncert.nic.in/pdf/publication/exemplarproblem/classVIII/science/heet106.pdf</p> <p>1.CLASS TEST 2.ORAL TEST 3.MCQ's 4.SHORT QUESTIONS 5.MULTIDISCIPLINARY PROJECT 6.CCT TEST ITEMS 7.CBT QUESTIONS 8.Subject Enrichment Activity https://cbseacademic.nic.in/web_material/term/8science.pdf https://cbseacademic.nic.in/web_material/publication/curriculum/Alternative_to_Homework_Class_VI_VIII.pdf https://ncert.nic.in/pdf/publication/exemplarproblem/classVIII/science/heet112.pdf</p>
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5	SEPTEMBER	22	<p>CONSERVATION OF ANIMALS AND PLANTS</p> <p>REPRODUCTION IN ANIMALS</p>	<p>https://ncert.nic.in/textbook.php?hesc1=5-13 (NCERT text book)</p> <p>https://diksha.gov.in/play/content/do_31309290530716876811408</p> <p>https://cbseacademic.nic.in/web_material/Manuals/EcoClub.pdf (Pg 45 to 51)</p> <p>https://cbseacademic.nic.in/cbe/documents/SAS_Science-Class-8.pdf</p> <p>https://environ.org.in/ / http://www.envis.nic.in/</p> <p>https://cbseacademic.nic.in/cbe/documents/Item-Bank--Science-Class-8.pdf</p> <p>https://ncert.nic.in/textbook.php?hesc1=6-13 (NCERT text book)</p> <p>https://cbseacademic.nic.in/web_material/Manuals/ExperientialLearning.pdf</p>	<p>https://ncert.nic.in/pdf/publication/exemplarproblem/classVIII/science/heep107.pdf</p> <p>HALF YEARLY EXAMINATION</p>
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TERM –II (Session 2024-25)

6	OCTOBER	16	<p>REPRODUCTION IN ANIMALS</p>	<p>https://ncert.nic.in/textbook.php?hesc1=6-13 (NCERT text book)</p> <p>https://diksha.gov.in/play/content/do_31309292805497651211415</p> <p>https://cbseacademic.nic.in/web_material/Manuals/ExperientialLearning.pdf</p> <p>https://diksha.gov.in/play/content/do_31309300524994560011220</p> <p>https://ncert.nic.in/pdf/publication/exemplarproblem/classVIII/science/heep110.pdf</p> <p>https://cbseacademic.nic.in/cbe/documents/SAS_Science-Class-8.pdf</p> <p>https://cbseacademic.nic.in/cbe/documents/Item-Bank--Science-Class-8.pdf</p> <p>https://ncert.nic.in/textbook.php?hesc1=7-13 (NCERT text book)</p>	<p>1.CLASS TEST 2.ORAL TEST 3.MCQ's 4.SHORT QUESTIONS 5.MULTIDISCIPLINARY PROJECT 6.CCT TEST ITEMS 7.CBT QUESTIONS 8.Subject Enrichment Activity</p> <p>https://cbseacademic.nic.in/web_material/term/8science.pdf</p> <p>https://cbseacademic.nic.in/web_material/publication/curriculum/Alternative_to_Homework_Class_VI_VIII.pdf</p> <p>https://ncert.nic.in/pdf/publication/exemplarproblem/classVIII/science/heep109.pdf</p> <p>1.CLASS TEST 2.ORAL TEST 3.MCQ's</p>
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			REACHING THE AGE OF ADOLESCENCE		<p>4.SHORT QUESTIONS</p> <p>5.MULTIDISCIPLINARY PROJECT</p> <p>6.CCT TEST ITEMS</p> <p>7.CBT QUESTIONS</p> <p>8.Subject Enrichment Activity</p> <p>https://cbseacademic.nic.in/web_material/term/8science.pdf</p> <p>https://cbseacademic.nic.in/web_material/publication/curriculum/Alternative_to_Homework_Class_VI_VIII.pdf</p> <p>https://ncert.nic.in/pdf/publication/exemplarproblem/classVIII/science/heet110.pdf</p>
7	NOVEMBER	22	SOUND	<p>https://ncert.nic.in/textbook.php?hesc1=10-13 (NCERT text book)</p> <p>https://cbseacademic.nic.in/cbe/documents/SAS_Science-Class-8.pdf</p> <p>https://cbseacademic.nic.in/cbe/documents/Item-Bank--Science-Class-8.pdf</p> <p>https://cbseacademic.nic.in/web_material/Manuals/ExperientialLearning.pdf</p>	<p>1.CLASS TEST</p> <p>2.ORAL TEST</p> <p>3.MCQ's</p> <p>4.SHORT QUESTIONS</p> <p>5.MULTIDISCIPLINARY PROJECT</p> <p>6.CCT TEST ITEMS</p> <p>7.CBT QUESTIONS</p> <p>8.Subject Enrichment Activity</p> <p>https://cbseacademic.nic.in/web_material/term/8science.pdf</p> <p>https://cbseacademic.nic.in/web_material/publication/curriculum/Alternative_to_Homework_Class_VI_VIII.pdf</p> <p>https://ncert.nic.in/pdf/publication/exemplarproblem/classVIII/science/heet113.pdf</p>
			CHEMICAL EFFECTS OF ELECTRIC CURRENT	<p>https://ncert.nic.in/textbook.php?hesc1=11-13 (NCERT text book)</p> <p>https://cbseacademic.nic.in/cbe/documents/SAS_Science-Class-8.pdf</p>	<p>1.CLASS TEST</p> <p>2.ORAL TEST</p> <p>3.MCQ's</p> <p>4.SHORT QUESTIONS</p>

9	JANUARY 2025	24	LIGHT	https://cbseacademic.nic.in/cbe/documents/Item-Bank---Science-Class-8.pdf https://cbseacademic.nic.in/web_material/Manuals/ExperientialLearning.pdf	https://ncert.nic.in/pdf/publication/exemplarproblem/classVIII/science/heap116.pdf
10	FEBRUARY	22	REVISION	QUIZ, CCT TEST ITEMS, SHORT TESTS, RE-TEACHING OF TOPICS	Internal Assessments Revision
11	MARCH				SESSION ENDING EXAMINATION

Useful Resources

Question Bank: Class VIII Science	https://cbseacademic.nic.in/cbe/documents/Item-Bank---Science-Class-8.pdf
CBSE Teacher Manuals: Class VIII:Science	https://cbseacademic.nic.in/web_material/term/8science.pdf
Curriculum Aligned Competency Based Test Items : Class VIII Science	https://cbseacademic.nic.in/cbe/documents/SAS_Science-Class-8.pdf

NOTE: ** LAT (Learner's Achievement Test) every month

CLASS VIII

SUBJECT- MATHEMATICS

Sl No.	Month	No. of Working Days	Name of Chapter/ Topic to be covered	Teaching Aids/E-Content/Innovative Practices to be adopted	Test/Examination to be conducted
1	APRIL- MAY 2024	20	Rational Numbers, Linear Equations in One Variables	Solving linear equations with variable on both sides https://diksha.gov.in/play/content/do_31310506243186688012684 Simplify and solve https://diksha.gov.in/play/content/do_31307451536198041619146	
2	JUNE	8	Linear Equations in One Variables(continued) Understanding Quadrilaterals	ACTIVITY : To solve a linear equation(activity no. 92) https://ncert.nic.in/pdf/publication/sciencelaboratorymanuals/classItoVII/mathematics/ahelm106.pdf ACTIVITY Identify concave and convex polygon activity no. 16 https://ncert.nic.in/pdf/publication/sciencelaboratorymanuals/classItoVII/mathematics/ahelm103.pdf ACTIVITY Drawing regular polygons using circles https://ncert.nic.in/pdf/publication/sciencelaboratorymanuals/classItoVII/mathematics/ahelm105.pdf ACTIVITY (SUM OF INTERIOR ANGLES) https://cbseacademic.nic.in/web_material/publication/archive/maths_activity_class_3_8_part3.pdf ACTIVITY (Exterior Angle sum)activity no. 74 https://ncert.nic.in/pdf/publication/sciencelaboratorymanuals/classItoVII/mathematics/ahelm105.pdf	

3	JULY	25	Data Handling, Squares and Square Roots	<p>Properties of square numbers. https://diksha.gov.in/play/content/do_313078854498942976111718</p> <p>Finding the square of a number https://diksha.gov.in/play/content/do_313110564639105024167</p> <p>Finding the square root of a number https://diksha.gov.in/play/content/do_31310506337329971212107</p>	<p style="text-align: center;">Periodic Test -1</p> <p style="text-align: center;">Syllabus</p> <p>1. Rational numbers 2. Linear equations in one variables 3. Understanding Quadrilaterals</p> <p style="text-align: center;">HALF YEARLY/MID TERM</p> <p>Syllabus:- Complete syllabus of term 1(April to September)</p>
4	AUGUST	24	Cubes and Cube Roots, Comparing Quantities	<p>Cubes and Cube roots of numbers https://diksha.gov.in/play/content/do_31307885462988390419205</p>	
5	SEPTEMBER	22	Comparing Quantities(continued) Revision	<p>comparing Quantities https://diksha.gov.in/play/content/do_3126322050532720641105</p> <p>Revision</p>	
6	OCTOBER	16	Algebraic Expressions and Identities	<p>Introduction to algebraic expression https://diksha.gov.in/play/content/do_31308591551913164812917</p> <p>Identities https://diksha.gov.in/play/content/do_31307885493265203219776</p> <p>ACTIVITY (verifying algebraic identities) activity no .76&77 https://ncert.nic.in/pdf/publication/sciencelaboratorymanuals/classItoVII/mathematics/ahelm106.pdf</p>	

7	NOVEMBER	22	Mensuration, Exponents and Powers, Direct and Inverse Proportions	ACTIVITY (area of a trapezium) https://ncert.nic.in/pdf/publication/sciencelaboratorymanuals/classItoVII/mathematics/ahelm106.pdf Powers with negative Exponents https://diksha.gov.in/play/content/do_313078855099670528111719 Laws of exponents https://diksha.gov.in/play/content/do_31307885531797913617741	<p style="text-align: center;">Periodic Test- II</p> <p style="text-align: center;">Syllabus upto Jan 10</p> <ol style="list-style-type: none"> 1. Algebraic expression and identities 2. Mensuration 3. Exponents and Powers 4. Direct and Indirect proportion
8	DECEMBER	18	Direct and Inverse Proportions(cont inued) Factorization	Direct proportion https://diksha.gov.in/play/content/do_3131105676060999681776 Inverse proportion https://diksha.gov.in/play/content/do_31311056837776179215663 ACTIVITY : surface area of cube https://ncert.nic.in/pdf/publication/sciencelaboratorymanuals/classItoVII/mathematics/ahelm106.pdf	
9	JANUARY 2025	24	Factorization(continued) Introduction to Graphs	Factorization https://diksha.gov.in/play/content/do_3131105698898984961579	

10	FEBRUARY	22	Revision		Session Ending Exam (March) Syllabus:- Complete syllabus of Term 2 (oct-feb) and 30% of term 1
11	MARCH		Revision		

Useful Resources

CBSE Teacher Manuals: Class VIII:Maths	https://cbseacademic.nic.in/web_material/term/8Math.pdf
Question Bank: Class VIII Mathematics	https://cbseacademic.nic.in/cbe/documents/Item-Bank---Maths-Class-8.pdf
Curriculum Aligned Competency Based Test Items : Class VIII Mathematics	https://cbseacademic.nic.in/cbe/documents/SAS_Maths-Class-8.pdf

Note:- SEE includes 30% of term 1 syllabus of chapters linear equations in one variable and squares and square roots.

NOTE: ** LAT (Learner's Achievement Test) every month

Sl. No	Month	No. of Working days	Name of the Chapter to be covered	Teaching Aids/ E- Content/ Innovative Practices to be Adopted	Test/ Examination to be conducted.
1	APRIL - MAY 2024	20	How When and Where	Pair and share activity, Group Activity, Individual activity, Written assignments, involving inference https://ncert.nic.in/textbook.php?hess2=1-8 https://kvno2jaipur.wordpress.com/class-8/	
			Resources	Individual activity, Group Activity, Project Work, Presentation Collect information regarding some endangered plants and animal species of India. Visit to local agricultural farm/forest. https://ncert.nic.in/textbook.php?hess4=1-5 https://kvno2jaipur.wordpress.com/class-8/	
			The Indian Constitution	Group Activities, Skit, Real Life Experience elect a student council, make rules and regulations for class. https://ncert.nic.in/textbook.php?hess3=1-8 https://kvno2jaipur.wordpress.com/class-8/	
2	JUNE	8	From Trade to Territory	Pair and share activity, Group Activity, Individual activity, Written assignments, involving inference Introduce the learners to Trading companies and how British power was linked to the formation of colonial administrative structure https://ncert.nic.in/textbook.php?hess2=2-8 https://kvno2jaipur.wordpress.com/class-8/	

3	JULY	25	Land, Soil, Water, Natural Vegetation and Wildlife Resources	<p>Pair and share activity, Group Activity, Individual activity, Field Trips</p> <p>Observe and report about local agricultural practices, crops grown. Collect information regarding land use pattern, type of soil, type of vegetations in local area. Prepare a list of national parks, wildlife sanctuaries, biosphere reserves of India.</p> <p>https://ncert.nic.in/textbook.php?hess4=2-5</p> <p>https://kvno2jaipur.wordpress.com/class-8/</p>	PERIODIC TEST-1
			Understanding Secularism	<p>Group Activities, Skit, Real Life Experience</p> <p>make rules and regulations for class.</p> <p>https://ncert.nic.in/textbook.php?hess3=2-8</p> <p>https://kvno2jaipur.wordpress.com/class-8/</p>	
			Parliament and the Making of Laws	<p>Group Activities, Skit</p> <p>A Mock parliament Session</p> <p>1. Topic will be suggested to the class. 2. Each team will play it's role accordingly.</p> <p>https://ncert.nic.in/textbook.php?hess3=3-8</p> <p>https://kvno2jaipur.wordpress.com/class-8/</p>	
REVISION					
4	AUGUST	24	Ruling the Countryside	<p>Pair and share activity, Group Activity, Individual activity, Written assignments, Role Play, involving inference</p> <p>Introduce the learner to the idea that the growth of new crops disrupted the rhythms of peasant life and led to revolt</p> <p>https://ncert.nic.in/textbook.php?hess2=3-8</p> <p>https://kvno2jaipur.wordpress.com/class-8/</p>	
			Tribals, Dikus and the Vision of a Golden Age	<p>Pair and share activity, Group Activity, Individual activity, Written assignments, involving inference, Collage/scrape book, Conducting interview of historical figures</p>	

				https://ncert.nic.in/textbook.php?hess2=4-8 https://kvno2jaipur.wordpress.com/class-8/	
			The Judiciary	Group Activities, Sources Based Analysis Understand the main elements of our judicial structure https://ncert.nic.in/textbook.php?hess3=4-8 https://kvno2jaipur.wordpress.com/class-8/	
REVISION					
5	SEPTEMBER	22	When People Rebel	Pair and share activity, Group Activity, Individual activity, Debat/ Seminar, Project File https://ncert.nic.in/textbook.php?hess2=5-8 https://kvno2jaipur.wordpress.com/class-8/	Half Yearly Exam
			Agriculture	Map Activity, Class Activities, Group Work, Flow Chart Observe and report about local agricultural practices, crops grown. Collect information regarding land use pattern, type of soil, type of vegetations in local area. Prepare a list of national parks, wildlife sanctuaries, biosphere reserves of India. https://ncert.nic.in/textbook.php?hess4=3-5 https://kvno2jaipur.wordpress.com/class-8/	
REVISION FOR HYE + MAP WORK					
6	OCTOBER	16	Understanding marginalization	Group Activities, Sources Based Analysis Observe and report local Marginalised people and visit to local mohala. https://ncert.nic.in/textbook.php?hess3=5-8 https://kvno2jaipur.wordpress.com/class-8/	
			Civilizing the Native Educating	Pair and share activity, Group Activity, Individual activity, Collage/ Scrap Book	

			the Nation	https://ncert.nic.in/textbook.php?hess2=6-8 https://kvno2jaipur.wordpress.com/class-8/	
7	NOVEMBER	22	Industries	Demonstration, Group Activity, Individual activity Observe and report about local manufacturing industry. Visit to an industry/local mining area. https://ncert.nic.in/textbook.php?hess4=4-5 https://kvno2jaipur.wordpress.com/class-8/	
			Women, Caste and Reform	Pair and share activity, Group Activity, Individual activity, Debate/Seminar Illustrate how autobiographies, biographies and other literature can be used to reconstruct the Primary sources for studying history https://ncert.nic.in/textbook.php?hess2=7-8 https://kvno2jaipur.wordpress.com/class-8/	
8	DECEMBER	18	Confronting Marginalization	Group Activities, Sources Based Analysis Role Play 1. The teacher would divide the class into five groups. 2. Topic will be assigned to each team. 3. Each team will enact a skit shown the way of livelihood of minority group. https://ncert.nic.in/textbook.php?hess3=6-8 https://kvno2jaipur.wordpress.com/class-8/	
			Human Resources	Group Activity, Individual activity, Collect data related to population of your locality and calculate population density. https://ncert.nic.in/textbook.php?hess4=5-5 https://kvno2jaipur.wordpress.com/class-8/	
9	JANUARY 2025	24	The Making of the National Movement: 1870S-1947	Pair and share activity, Group Activity, Individual activity, Screening of Films Outline the major developments within the national movement and focus on a detailed study of one major event	PERIODIC TEST -II

				https://ncert.nic.in/textbook.php?hess2=8-8 https://kvno2jaipur.wordpress.com/class-8/	
			Public Facilities	Group Activity, Individual activity Role of government in the economic sphere https://ncert.nic.in/textbook.php?hess3=7-8 https://kvno2jaipur.wordpress.com/class-8/	
10	FEBRUARY	22	Law and Social Justice	Group Activity, Individual activity Identifying the people and write about their occupation and habitat area https://ncert.nic.in/textbook.php?hess3=8-8 https://kvno2jaipur.wordpress.com/class-8/	
MAP WORK					
REVISING 30% PORTION OF THE TERM-I for THE S E E					
REVISION for THE SESSION ENDING EXAMINATION					
11	MARCH	SESSION ENDING EXAM			

NOTE: ** LAT (Learner's Achievement Test) every month

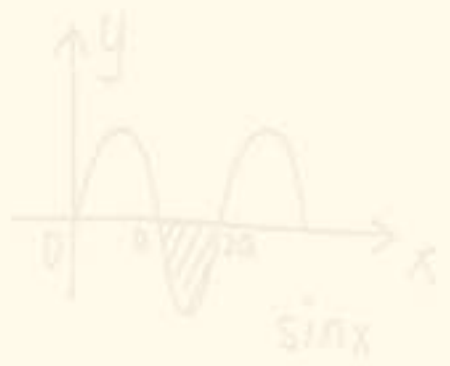


CLASS IX

$$\lim_{x \rightarrow 0} \frac{1 - \sqrt{\cos x}}{x(1 - \cos \sqrt{x})} \cdot \frac{1}{1 + \sqrt{\cos x}}$$

$$f(x, y) = \begin{cases} \frac{x^2 + y^2}{x^2 + y^2 + 1} & 0 \leq y \leq 1 \\ 0 & \text{elsewhere} \end{cases}$$

$$\frac{2x+1}{3x-5} > 1$$



CLASS IX

SUBJECT- ENGLISH LANGUAGE AND LITERATURE (CODE:184)

S. No.	Months	No. of Working Days	Names of the Chapters/Topics to be Covered	Teaching Aids/E-Content/Innovative Practices to be Adopted	Tests/ Examinations to be Conducted
1	April-May 2024	20	BEEHIVE Prose-The Fun They Had Poem-The Road not Taken MOMENTS The Lost Child GRAMMAR-Tenses WORDS & EXPRESSIONS- UNIT - 01	https://epathshala.nic.in/watch.php?id=3566 https://epathshala.nic.in/watch.php?id=3567 https://epathshala.nic.in/watch.php?id=5087 Debate- Human Teacher Vs Robotic Teacher Diksha Portal NCERT Website Mind Maps	Slip Test
			READING Discursive Passage	https://epathshala.nic.in/watch.php?id=3569 https://learnenglishteens.britishcouncil.org/skills/reading (reading practice during summer vacation) <ul style="list-style-type: none"> ➤ Diksha Portal ➤ NCERT Website ➤ Mind Map 	Subject Enrichment Activity
2	June, 2024	8	BEEHIVE- Poem-Wind Prose- The Sound of Music <ol style="list-style-type: none"> a. Bismillah Khan b. Evelynne Glennie WRITING TASK- Descriptive Paragraph (Bio sketch) WORDS & EXPRESSIONS - UNIT -02	https://epathshala.nic.in/watch.php?id=3568 <ul style="list-style-type: none"> ➤ Bio sketch of differently abled people/famous musicians ➤ Diksha Portal ➤ NCERT Website ➤ Mind Map Holiday Home works for Summer Vacation	

3	July, 2024	25	<p>BEEHIVE</p> <p>Prose- The Little Girl</p> <p>Poem- Rain on The Roof</p> <p>MOMENTS The Adventures of Toto</p> <p>GRAMMAR-MODALS WORDS & EXPRESSIONS- UNIT - 03</p> <p>READING Case Based Passage</p>	<p>https://epathshala.nic.in/watch.php?id=3570</p> <p>https://epathshala.nic.in/watch.php?id=3571</p> <p>https://epathshala.nic.in/watch.php?id=5088</p> <ul style="list-style-type: none"> ➤ Creative Writing ➤ Diksha Portal ➤ NCERT Website ➤ Mind Map 	Periodic test-01
4	August, 2024	24	<p>BEEHIVE</p> <p>Prose- A Truly Beautiful Mind.</p> <p>Poem- The Lake Isle of Innisfree</p> <p>MOMENTS Iswaran the Storyteller</p> <p>GRAMMAR-Subject-Verb Agreement (Concord)</p> <p>WORDS & EXPRESSIONS- UNIT - 04 Listening and Speaking Activities</p> <p>WRITING TASK- Descriptive Paragraph 2 (Place)</p>	<p>https://epathshala.nic.in/watch.php?id=3572</p> <p>https://epathshala.nic.in/watch.php?id=3573</p> <p>https://epathshala.nic.in/watch.php?id=5089</p> <ul style="list-style-type: none"> ➤ Describe a beautiful place that you have visited. ➤ Diksha Portal ➤ NCERT Website ➤ Mind Map 	Slip Test
5	September, 2024	22	<p>BEEHIVE</p> <p>Prose- The Snake and the Mirror</p> <p>Poem- A Legend of The Northland</p> <p>MOMENTS In the Kingdom of Fools</p>	<p>https://epathshala.nic.in/watch.php?id=3574</p> <p>https://epathshala.nic.in/watch.php?id=3575</p>	Periodic Test-02/ Half Yearly

			GRAMMAR-Reported Speech WORDS & EXPRESSIONS- UNIT - 05 WRITING- Story Writing	https://epathshala.nic.in/watch.php?id=5090 <ul style="list-style-type: none"> ➤ Comic strip based on ‘A Legend of The Northland’ ➤ Diksha Portal ➤ NCERT Website ➤ Mind Map 	
6	October, 2024	16	BEEHIVE Prose- My Childhood Poem- No Men are Foreign WORDS & EXPRESSIONS- UNIT -06	https://epathshala.nic.in/watch.php?id=3576 https://epathshala.nic.in/watch.php?id=3577 <ul style="list-style-type: none"> ➤ Diksha Portal ➤ NCERT Website ➤ Mind Map 	Slip Test
7	November,20 24	22	BEEHIVE Prose- Reach for the Top Poem – On Killing a Tree MOMENTS The Happy Prince GRAMMAR- Determiners, Gap Filling WORDS & EXPRESSIONS- UNIT -08 WRITING TASK: Descriptive Paragraph 3(Event)	https://epathshala.nic.in/watch.php?id=3580 https://epathshala.nic.in/watch.php?id=328 https://epathshala.nic.in/watch.php?id=3581 https://epathshala.nic.in/watch.php?id=5091 <ul style="list-style-type: none"> ➤ A seminar on the topic, Afforestation is the Need of the Hour’ ➤ Diksha Portal ➤ NCERT Website ➤ Mind Map 	Art Integrated Project

8	December, 2024	18	<p>BEEHIVE Prose- Kathmandu</p> <p>Poem- A Slumber Did My Spirit Seal GRAMMAR-Editing, Transformation of Sentences.</p> <p>WORDS & EXPRESSIONS - UNIT -10</p>	<p>https://epathshala.nic.in/watch.php?id=3584</p> <ul style="list-style-type: none"> ➤ Preparing a brochure on any famous tourist destination ➤ Diksha Portal ➤ NCERT Website ➤ Mind Map 	Slip Test
9	January-2025	24	<p>BEEHIVE Prose- If I were You</p> <p>MOMENTS The Last Leaf</p> <p>A House is not a Home.</p> <p>GRAMMAR - Integrated grammar practice</p> <p>WORDS & EXPRESSIONS UNIT -11 Listening and Speaking Activities</p>	<p>https://epathshala.nic.in/watch.php?id=3586</p> <p>https://epathshala.nic.in/watch.php?id=5093</p> <p>https://epathshala.nic.in/watch.php?id=5094</p> <ul style="list-style-type: none"> ➤ Diary Entry-Imagine you have joined a new school. Write a diary on your experience on first day of joining the school. ➤ Diksha Portal ➤ NCERT Website ➤ Mind Map ➤ 	Periodic Test 3
10	February, 2025	22	<p>MOMENTS The Beggar</p> <p>GRAMMAR Integrated Grammar practice</p> <p>Revision</p>	<p>https://epathshala.nic.in/watch.php?id=5096</p> <ul style="list-style-type: none"> ➤ Diksha Portal ➤ NCERT Website ➤ Mind Map 	Slip Test
11	March, 2025	Session Ending Examination			

NOTE: ** LAT (Learner's Achievement Test) every month

PRESCRIBED TEXTS:

1. BEEHIVE (MAIN READER)
2. MOMENTS (SUPPLEMENTARY READER)
3. WORDS AND EXPRESSIONS (WORKBOOK)

NOTE:

1. The Slip Tests can be conducted for 5/10/15/20 Marks. The types of the of Slip Tests that can be given, are suggested below:

- Choose the Correct Alternative
- Speaker- Listener Test (Identifying the Speaker and Listener from the given dialogue)
- True or False Questions
- Referential/Inferential Questions
- Word Attack Questions
- Identifying the Literary Devices/Rhyming Words/Rhyme Scheme

2. Listening Exercise can be accessed by clicking on to the pdf link given below. Listening and reading exercises have been taken from the Official Site of The British Council

<https://drive.google.com/file/d/1CTn7Pq3x0xzSf5tlCVzrboCz3MpKT27K/view?usp=sharing>

Useful Links

Question Bank: Class IX English	https://cbseacademic.nic.in/cbe/documents/Item-Bank-----English---Class-9.pdf
Curriculum Aligned Competency Based Test Items : Class IX English	https://cbseacademic.nic.in/cbe/documents/SAS_English-Class-9.pdf

CLASS IX

SUBJECT- COMMUNICATIVE ENGLISH (CODE:101)

Sl. No.	Months	No. of Working Days	Names of the Chapters/Topics to be Covered	Teaching Aids/E-Content/Innovative Practices to be Adopted	Tests/ Examinations to be Conducted
1	April-May 2024	20	<p>LITERATURE READER F1. How I Taught My Grandmother to Read P1: The Brook</p> <p>MAIN COURSE BOOK</p> <p>Unit 1. People</p> <p>A. An Exemplary Leader B. A Burglary Attempt C. Can You Know People You Haven't Met</p> <p>WRITING: Notice Writing</p> <p>GRAMMAR: Modals</p>	<p>https://epathshala.nic.in/watch.php?id=76</p> <p>https://epathshala.nic.in/watch.php?id=3636</p>	Slip Test
2	June, 2024	8	<p>LITERATURE READER P2. The Road Not Taken</p> <p>MAIN COURSE BOOK</p> <p>Unit 2. Adventure</p> <p>A The Final Flight B The Sound of the Shell C Ordeal in the Ocean</p> <p>WRITING: Informal Letter</p>	<p>https://diksha.gov.in/resources/play/collection/do_31304430155977523214471?contentType=TextBook</p> <p>https://www.bbc.com/news/world-asia-india-45662609 (for similar experience as mentioned in “Ordeal in the Ocean”)</p> <p>https://learnenglishteens.britishcouncil.org/skills/writing/b1-writing/letter-friend</p>	Subject Enrichment Activity

3	July, 2024	25	<p>LITERATUTRE READER F2. A Dog Named Duke P3. The Solitary Reaper MAIN COURSE BOOK UNIT 3: Environment A The Indian Rhinoceros B Save Mother Earth C Save the Tiger GRAMMAR: Tenses WRITING: Dialogue Writing</p>	<p>https://epathshala.nic.in/watch.php?id=3642 https://epathshala.nic.in/watch.php?id=3626</p> <p>https://learnenglishteens.britishcouncil.org/skills/writing/a2-writing/chat https://diksha.gov.in/play/collection/do_31285951347015680012680?referrer=utm_source%3Dmobile%26utm_campaign%3Dshare_content https://learnenglishteens.britishcouncil.org/grammar/b1-b2-grammar/present-perfect-simple-continuous</p>	<p>Periodic Test 1 (MCB Unit 1 to Fiction 2)</p>
4	August, 2024	24	<p>LITERATURE READER D1: Villa for Sale</p> <p>MAIN COURSE BOOK Unit 4. The Class IX Radio and Video Show A: Radio Show B: Video Show GRAMMAR: Subject Verb Concord</p>	<p>Dramatization of the Play</p> <p>Script of Radio and Video Show</p> <p>https://diksha.gov.in/play/collection/do_31285951347015680012680?referrer=utm_source%3Dmobile%26utm_campaign%3Dshare_content</p>	<p>Slip Test</p>
5	September 2024	22	<p>LITERATUTRE READER F3. The Man Who Knew Too Much P4. The Seven Ages WRITING: Paragraph Writing</p>	<p>Writing paragraphs based on the themes from MCB https://learnenglishteens.britishcouncil.org/skills/writing/a1-writing/about-my-family</p>	<p>Periodic Test 2 (MCB Unit 3 to 4, Reported Speech)</p>
6	October 2024	16	<p>LITERATUTRE READER F4. Keeping It from Harold</p> <p>MAIN COURSE BOOK Unit 5: Mystery A. Bermuda Triangle B. The Invisible Man C. The Tragedy of Birlstone D. Harry Potter GRAMMAR: Reported Speech a. Commands and Requests b. Statements c. Questions</p>	<p>Discussion on Bermuda Triangle and The Harry Potter Series</p> <p>https://learnenglishteens.britishcouncil.org/grammar/b1-b2-grammar/reported-speech</p>	<p>Art Integrated Project Subject Enrichment Activity</p>

7	November 2024	22	<p align="center">LITERATURE READER</p> <p>F5: Best Seller P5. Oh, I Wish I'd Looked After Me Teeth GRAMMAR: Clauses</p> <ol style="list-style-type: none"> 1. Noun Clauses 2. Relative Clauses 3. Adverb Clauses 	<p align="center">https://learnenglishteens.britishcouncil.org/grammar/b1-b2-grammar/relative-clauses</p>	Slip test
8	December 2024	18	<p align="center">LITERATURE READER</p> <p>D2: The Bishop's Candlesticks Unit 6: Children</p> <ol style="list-style-type: none"> a. Tom Sawyer b. Children of India c. Children and Computers d. Life Skills e. We are the World 		Slip test
9	Jan., 2025	24	<p align="center">LITERATURE READER</p> <p>P6: Song of the Rain MAIN COURSE BOOK</p> <p>Unit 7: Sports and Games</p> <ol style="list-style-type: none"> A. Grandmaster Koneru Humpy Queen of 64 Squares B. It's Sports day C. Hockey and Football <p>GRAMMAR: Determiners</p>	<p>Writing a short biographical sketch about your favourite sportsperson. Write a Diary Entry on how you felt about the conduct of the Annual Sports Meet of your school.</p> <p align="center">https://learnenglishteens.britishcouncil.org/grammar/a1-a2-grammar/definite-article (for teaching definite article from Determiners)</p>	Periodic Test-03 (Fiction 5 to Drama 2)
10.	Feb., 2025		REVISION		Slip Tests
11	March 2025		Session Ending Examination		

1. The Slip Tests can be conducted for 5/10/15/20 Marks. The types of the of Slip Tests that can be given, are suggested below:

- Choose the Correct Alternative
- Speaker- Listener Test (Identifying the Speaker and Listener from the given dialogue)
- True or False Questions
- Referential/Inferential Questions
- Word Attack Questions
- Identifying the Literary Devices/Rhyming Words/Rhyme Scheme

2. Listening Exercise can be accessed by clicking on to the pdf link given below. <https://drive.google.com/file/d/1aj23yJ-CfyFkA6bGFhNlwd5SKMrtkajR/view?usp=sharing>

Listening, reading, writing and grammar links have been taken from the Official Site of The British Council

NOTE: ** LAT (Learner's Achievement Test) every month

CLASS IX

SUBJECT- **HINDI COURSE A(002)**

क्र. स.	महीना	कार्य दिवसों की संख्या	पाठ्यपुस्तक/पाठ का नाम क्षितिज भाग-1, कृतिका भाग-1, व्याकरण और रचनात्मक लेखन	शिक्षण सामग्री/ई-सामग्री/ नवीन दृष्टिकोण/ नवाचार	परीक्षा/ मूल्यांकन
1.	अप्रैल-मई 2024	20	1. दो बैलों की कथा 2. साखियां एवं सबद 3. अपठित गद्यांश 4.उपसर्ग, प्रत्यय	https://diksha.gov.in/play/collection/do_3131034751771443201972 NCERT द्वारा प्रस्तुत - https://youtu.be/cq0Lgg7iM14 https://www.youtube.com/live/GAZxF8qDzns?feature=share भक्तिकाल एवं अन्य संत कवियों का परिचय	पर्ची परीक्षण, बहुविकल्पीय प्रश्नपरीक्षण
			1.उपसर्ग, प्रत्यय	के.वि संगठन द्वारा प्रेषित गत वर्षों की अध्ययन सामग्रियों के आधार पर अभ्यास-कार्य	श्रवण कौशल परीक्षण
2.	जून	8	1.ल्हासा की ओर 2.अपठित पद्यांश	https://diksha.gov.in/play/collection/do_3131034751771443201972 छात्रों के अपने यात्रा-अनुभव की मौलिक अभिव्यक्ति एनसीईआरटीद्वाराप्रस्तुत- https://www.youtube.com/live/B2xZaLA6lQs?feature=share	वाचन कौशल परीक्षण
3	जुलाई	25	1.वाख 2. उपभोक्तावाद की संस्कृति 3.इस जल प्रलय में 4.अनुच्छेद लेखन	https://diksha.gov.in/play/collection/do_3131034751771443201972 विभिन्न वस्तुओं के विज्ञापन का संग्रहण एवं विज्ञापन रचना https://youtu.be/86daqfluZ2w (एनसी ई आर टी द्वारा प्रस्तुत) https://youtu.be/KsI-i4IH18A (एनसी ई आर टी द्वारा प्रस्तुत) विभिन्न विषयों पर अनुच्छेद लेखन –अभ्यास	प्रथम आवधिक परीक्षा बहुविकल्पीय प्रश्न परीक्षण

4.	अगस्त	24	<ol style="list-style-type: none"> 1. सवैये 2. साँवले सपनों की याद 3. मेरे संग की औरतें 4. समास 	https://youtu.be/QUPOK3W1378 (एनसी ई आर टी द्वारा प्रस्तुत) https://youtu.be/DGQKv7Ernvw (एनसी ई आर टी द्वारा प्रस्तुत) https://youtu.be/9JdUhtx-Zy8 (एनसी ई आर टी द्वारा प्रस्तुत) https://diksha.gov.in/play/collection/do_31310347517909401611300	वाचन परीक्षण पर्ची परीक्षण
5.	सितंबर	22	<ol style="list-style-type: none"> 1. कैदी और कोकिला 2. प्रेमचंद के फटे जूते 3. अर्थ के आधार पर वाक्य-भेद 4. पत्रलेखन 	https://diksha.gov.in/play/collection/do_3131034751771443201972 https://youtu.be/tstiPeX4CH0 (एन सी ई आर टी द्वारा प्रस्तुत) के.विसंगठनद्वाराप्रेषितगतवर्षोंकीअध्ययनसामग्रियोंकेआधारपर व्याकरण एवं पत्रलेखन काअभ्यास	द्वितीय आवधिक परीक्षा पर्ची परीक्षण
6.	अक्तूबर	16	<ol style="list-style-type: none"> 1. ग्रामश्री 2. अलंकार(शब्दालंकार: अनुप्रास,यमक, श्लेष) 	https://diksha.gov.in/play/collection/do_3131034751771443201972 https://youtu.be/TbtLwSJBf8g (एन सी ईआर टी द्वारा प्रस्तुत) गत वर्षों के अध्ययन सामग्रियों के आधार पर अलंकार- छांटने का अभ्यास	मौखिक परीक्षण श्रुतलेख
7.	नवम्बर	22	<ol style="list-style-type: none"> 1. मेरे बचपन के दिन 2. रीढ़ की हड्डी 3. लघुकथा लेखन 	https://diksha.gov.in/play/collection/do_3131034751771443201972 छात्रों के संस्मरणों की मौलिक अभिव्यक्ति https://youtu.be/6T6Tnn3Eg1w (एन सी ई आर टी द्वारा प्रस्तुत) लघुकथा लेखन- अभ्यास	पर्ची परीक्षण वाचन परीक्षण
8.	दिसम्बर	18	<ol style="list-style-type: none"> 1.मेघ आए 2. ई-मेल लेखन 3. संवाद लेखन 	https://diksha.gov.in/play/collection/do_3131034751771443201972 के.विसंगठनद्वाराप्रेषितगतवर्षोंकीअध्ययनसामग्रियोंकेआधारपर ई-मेल लेखन एवं संवाद-लेखन काअभ्यास	पर्ची परीक्षण ई-मेल/संवाद लेखन- परीक्षण, पोर्टफोलिओ

9.	जनवरी 2025	24	1.बच्चे काम पर जा रहे हैं 2. सूचना लेखन	https://diksha.gov.in/play/collection/do_3131034751771443201972 बाल श्रम उन्मूलन के क्षेत्र में कार्यरत श्रेष्ठ व्यक्तियों के जीवन व कार्यों से छात्रों को अवगत कराना सूचना लेखन - अभ्यास	तृतीय आवधिक परीक्षा
10.	फरवरी	22	पुनरावृत्ति कार्य	https://diksha.gov.in/play/collection/do_3131034751771443201972	आंतरिक मूल्यांकन पुनरावृत्ति कार्य
11	मार्च		पुनरावृत्ति कार्य एवं सत्रांत परीक्षा		सत्रांत परीक्षा

CLASS IX

SUBJECT- SANSKRIT

Sl. No	Month	No. of working days	Name of the Chapter/ Topic to be covered	Teaching Aids / E-Content/Innovative practice to be adopted	Activities	Test/exam to be Conducted
1.	APRIL & MAY 2024	20	प्रथमःपाठः- अविवेकःपरमापदांपदम् अपठितअवबोधनम् ,उच्चारणस्थानानि, स्वरसंधिः ,शब्दरूपाणिअकारान्तपुल्लिंगशब्दाः- बालकवत्	सहायकपुस्तकानि-लघुसिद्धान्तकौमुदी,अभ्यासवान्भव सन्धिः	श्लोकालापनम्	आशुभाषणम्
			प्रत्ययः- क्त्वा ,पत्रलेखन	पत्रलेखनम्		
2	JUNE	8	• द्वितीयःपाठः -पाथेयम् • चित्राधारितवर्णनम् शब्दरूपाणिङकारान्तपुल्लिंगशब्दाः - कविवत्		आत्मपरिचयः	वाचिकपरीक्षा श्रुतलेखः
3	JULY	25	• तृतीयःपाठः- विजयतांस्वदेशः • चतुर्थःपाठः - विद्ययाभान्तिसद्गुणाः व्यञ्जनसंधिः - जशत्वसंधिः, मस्थानेअनुस्वारः च, • कारकउपपदविभक्ति[द्वितीया] • परस्मैपदीधातुरूपाणि -भू, नम्, गम्,अस्(पञ्चलकारेषु) उकारान्तपुल्लिंगशब्दाः- साधुवत्		विविधविषयान्आधृत्यसरलवाक्यलेखनम्	लघुमूल्याङ्कनम् PT1
4	AUGUST	24	• पञ्चमःपाठः - कर्मणायातिसंसिद्धिम् • स्थानबोधाकानिअव्ययानि- अत्र, तत्र, अन्यत्र, सर्वत्र, यत्र, एकत्र, उभयत्र • परस्मैपदीधातुरूपाणि -प्रच्छ, कृ, ज्ञा,क्षल्(पञ्चलकारेषु) हलन्तशब्द-भवत् प्रत्यय-तुमुन्,ल्यप्		भित्तिपत्रिका निर्माणम्	लघुपरीक्षा

5	SEPTEMBER	22	<ul style="list-style-type: none"> षष्ठःपाठः - तत्त्वमसि सप्तमःपाठः - तरवेनमोऽस्तु संख्याशब्दाः (1- 100 -1-4 पर्यन्तत्रिषुलिङ्गेषुकेवलप्रथमाविभक्तौ) शब्दरूपाणिआकारान्त, ईकारान्तस्त्रीलिङ्गशब्दाः-लतावत्, नदीवत् 		संख्याबोध कभित्तिप त्रिकानिर्मा णम्	कर्तृक्रिया चयम् लघुपरीक्षा PT 2
6	OCTOBER	16	<ul style="list-style-type: none"> अष्टमःपाठः - नधर्मवृद्धेषुवयःसमीक्ष्यते कारकउपपदविभक्ति- चतुर्थी, कालबोधाकानिअव्ययानि- यदा, तदा, सर्वदा, एकदा, पुरा, अधुना, अद्य, श्वः, ह्यः प्रत्ययः- शत् 	अव्ययानि चित्रं दृष्ट्वावाक्यलेखनम्	चित्रं दृष्ट्वा सरलवाक्य निर्माणम्	श्लोकपारा यणम् वाक्यलेख नम्
7	NOVEMBER	22	<ul style="list-style-type: none"> नवमःपाठः -कवयामिवयामियामि विसर्गसंधिः - उत्त्वम्, शत्वम्, षत्वम्, सत्वम्च आत्मनेपदिनः धातुरूपाणि -सेव्, लभ्, रुच्(लट् - लृट् लकारयोः) अकारान्तनपुंसकलिङ्गशब्दाः- फलवत् 			विशेषण विशेष्यच यनम्
8	DECEMBER	18	<ul style="list-style-type: none"> दशमःपाठः -भारतीयंविज्ञानम् (केवलंआंतरिकमूल्याङ्कनम्) सर्वनामशब्दाः- अस्मद्, युष्मद् (त्रिषुलिङ्गेषु) प्रश्नबोधाकानिअव्ययानि-कुत्र, किम्, कति, कदा, कुतः, कथं, किमर्थम् कारकउपपदविभक्ति- सप्तमी 	कारकप्रयोगः।	प्रश्ननिर्माण म्	लघुपरीक्षा
9	JANUARY 2025	24	<ul style="list-style-type: none"> एकादशःपाठः -भारतेनास्तिर्मैजीवनंजीवनम् (केवलंआंतरिकमूल्याङ्कनम्) सर्वनामशब्दाः- तत्, किम् (त्रिषुलिङ्गेषु) अन्यानिअव्ययानि-च, अपि, यदि, तर्हि, यथा, तथा, सम्भ्यक्, एव 	https://www.youtube.com/watch?v=KhrPJBafagI	सूक्तिलेखन म्	वाचिकप रीक्षा PT 3
10	FEBRUARY	22	पुनरावृत्तिः			
11	MARCH		सत्रान्तपरीक्षा			SEE

Useful Links

SANSKRIT SAVARDHANA PRATHISHSTHAAN	https://www.sanskritpromotion.in
SANSKRIT PROMOTION FOUNDATION	https://www.sanskritpromotion.in/
SANSKRIT BHARATHI	https://kerala.sanskritabharati.in/
CENTRAL SANSKRIT UNIVERSITY	https://www.sanskrit.nic.in/econtent.php
LEARN SANSKRIT	https://www.learnsanskrit.org/
ANDHRA GOVT	https://ndl.iitkgp.ac.in/homestudy/cbse_exam/x_subject/sanskrit
RASHTRIYA SANSKRIT SNASTHAN	https://www.india.gov.in/official-website-rashtriya-sanskrit
RAMAKRISHNA MISSION	https://sanskrit.rkmvu.ac.in/adm-communicative-sans/

NOTE: ** LAT (Learner's Achievement Test) every month

CLASS IX

SUBJECT- SCIENCE (086)

Sl No.	Month	No. of Working Days	Name of the Chapter/ Topic to be covered	Teaching Aids / E-Content /Innovative Practice to be adopted	Test/Examination to be conducted
01	April & May 2024	20	Matter in our surroundings	<p>PRACTICAL EXPERIMENT</p> <p>Determination of the melting point of ice and the boiling point of water.</p> <p>https://www.youtube.com/watch?v=38QZEsB2xJM&ab_channel=amritacreate</p> <p>https://www.youtube.com/watch?v=nZXoe0fgJ8Q&ab_channel=amritacreate</p> <p>Suggestive Activity:</p> <p>To study the process of evaporation</p> <p>https://amrita.olabs.edu.in/?sub=73&brch=2&sim=425&cnt=1</p> <p>Simulation:</p> <p>To understand that gases are readily compressible, and liquids are not.</p> <p>https://amrita.olabs.edu.in/?sub=73&brch=2&sim=438&cnt=4</p> <p>Suggestive Activity</p> <p>To draw the Position Time, Velocity time Graphs for bodies at rest, in uniform motion and uniformly accelerated motion</p> <p>Simulation:</p> <p>https://www.olabs.edu.in/?sub=1&brch=1&sim=368&cnt=4</p> <p>Links to Video lessons:</p> <p>https://www.youtube.com/watch?v=dthwJG9hgBE</p> <p>https://www.youtube.com/watch?v=OzENYyB63iI</p> <p>https://www.youtube.com/watch?v=Xo3KBoEMDEo</p>	<p>*Slip Tests— Definition of matter; solid, liquid and gas; characteristics (shape, volume, density); change of state:</p> <p>*Quiz– On the topic freezing, evaporation (cooling by evaporation), condensation, sublimation;</p> <p>*Exemplar Problems</p> <p>https://ncert.nic.in/pdf/publication/exemplarproblem/classIX/science/ieep101.pdf (Test based on exemplar problems)</p>
			MOTION		<p>*Slip Test – Distance and displacement, velocity; uniform and non-uniform motion along a straight line</p> <p>*NCERT Exemplar problems</p> <p>https://ncert.nic.in/pdf/publication/exemplarproblem/classIX/science/ieep108.pdf</p>

02	June	8	Fundamental Unit of Life	<p>*PRACTICAL EXPERIMENT</p> <p>Preparation of stained temporary mounts of (a) onion peel, (b) human cheek cells, to record observations and draw their labeled diagrams.</p> <p>https://www.youtube.com/watch?v=wMgXsrpVrJg&ab_channel=amritacreate</p> <p>Suggestive Activity:</p> <p>Drawing the labelled diagrams of Plant cell & Animal cell and differentiate between them.</p> <p>*TEACHING AID:</p> <p>Still Model and Chart of animal cell and plant cell</p> <p>Links to Video lessons:</p> <p>Part -1</p> <p>https://www.youtube.com/watch?v=jCVX8Id43Cw</p> <p>Part -2</p> <p>https://www.youtube.com/watch?v=v9JC6rtzjz0</p> <p>Part -3</p> <p>https://www.youtube.com/watch?v=Hra_FFpkKbc</p>	<p>*Slip Test</p> <p>Cell as a basic unit of life; prokaryotic and eukaryotic cells, multicellular organisms; cell membrane and cell wall, cell organelles</p> <p>*NCERT Exemplar problems</p> <p>https://ncert.nic.in/pdf/publication/exemplarproblem/classIX/science/ieep105.pdf</p>
03	July	25	Is Matter around Us Pure	<p>* PRACTICAL EXPERIMENT</p> <p>1. Preparation of: a) a true solution of common salt, sugar and alum b) a suspension of soil, chalk powder and fine sand in water c) a colloidal solution of starch in water and egg albumin/milk in water and distinguish between these on the basis of • transparency • filtration criterion • stability.</p> <p>https://amrita.olabs.edu.in/?sub=73&brch=2&sim=28&cnt=68</p> <p>https://www.youtube.com/watch?v=rSnFdRyDw-U&ab_channel=FullMarksPrivateLimited</p> <p>2. Preparation of a) A mixture b) A compound using iron filings and Sulphur powder and distinguishing between</p>	<p>*Periodic test 1</p>

				<p>these on the basis of: (i) appearance, i.e., homogeneity and heterogeneity (ii) behaviour towards a magnet (iii) behaviour towards carbon disulphide as a solvent (iv) effect of heat</p> <p>https://www.youtube.com/watch?v=C2RqAE0wbqk&ab_channel=amritacreate</p> <p>3.Perform the following reactions and classify them as physical or chemical changes</p> <p>a) Iron with copper sulphate solution in water b) Burning of magnesium ribbon in air c) Zinc with dilute sulphuric acid d) Heating of copper sulphate crystals e) Sodium sulphate with barium chloride in the form of their solutions in water</p> <p><u>Science Practical Class-9 Performing some reactions & classifying them as physical & chemical change - YouTube</u></p> <p>*Suggestive activity</p> <p>Preparation of Homogeneous and Heterogeneous mixtures using water, Ink, Sand, Oil and Sugar</p> <p><u>Class 9th Science Activity 2.1 (Practical Video) Heterogenous and Homogenous Mixtures - YouTube</u></p> <p>*Suggestive activities</p> <p>Activities based on Newton's First second and Third law of motion</p> <p>First law of motion</p> <p>https://www.youtube.com/watch?v=NGt1zaAXANc</p> <p>Second law of motion</p> <p><u>Newton's second law of motion - YouTube</u></p>	
04	August	24	Force and Laws of Motion	<p>*Suggestive activity</p> <p>Third law of motion</p> <p><u>Newton's third law of motion - YouTube</u></p>	<p>*</p> <p>Slip Test</p> <p>Newtons first law, second and third law of motion</p> <p>*NCERT Exemplar problems (Force and Laws of Motion):</p> <p>https://ncert.nic.in/pdf/publication/exemplarproblem/classIX/science/ieep109.pdf</p>

			Tissues	<p>*PRACTICAL EXPERIMENT</p> <p>Identification of Parenchyma, Collenchyma and Sclerenchyma tissues in plants, striped, smooth and cardiac muscle fibers and nerve cells in animals, from prepared slides. Draw their labeled diagrams.</p> <p>https://www.olabs.edu.in/?sub=79&brch=15&sim=131&cnt=426</p> <p>Simulation:</p> <p>https://www.olabs.edu.in/?sub=79&brch=15&sim=131&cnt=4</p> <p>*Suggestive activities</p> <p>Activity on Meristematic tissues:</p> <p>Activity on Meristematic Tissues - YouTube</p> <p>Making a model of neuron</p> <p>MODEL OF A NEURON - HINDI - 9MB.avi - YouTube</p>	<p>*Slip Test</p> <p>Types and functions of Tissues.</p> <p>.</p> <p>*NCERT Exemplar problems</p> <p>https://ncert.nic.in/pdf/publication/exemplarproblem/classIX/science/ieep106.pdf</p>
05	September	22	Gravitation	<p>*PRACTICAL EXPERIMENTS</p> <p>1.Determination of the density of solid (denser than water) by using a spring balance and a measuring cylinder</p> <p>https://www.youtube.com/watch?v=md-Qk_g9NEo&ab_channel=amritacreate</p> <p>Simulation:</p> <p>https://www.olabs.edu.in/?sub=1&brch=1&sim=2&cnt=4</p> <p>2.Establishing the relation between the loss in weight of a solid when fully immersed in a) Tap water b) Strongly salty water with the weight of water displaced by it by taking at least two different solids</p> <p>https://www.youtube.com/watch?v=eIb4VQGoyvI&ab_channel=amritacreate.</p>	<p>*Periodic test 2/ HY Exam</p> <p>*</p> <p>NCERT Exemplar problems</p> <p>https://ncert.nic.in/pdf/publication/exemplarproblem/classIX/science/ieep110.pdf</p>

				<p>Link to Video To Show that all objects, big or small, heavy or light, all fall at the same rate (using (Eraser, Chalk, Pebble...))</p> <p>https://www.youtube.com/watch?v=E43-CfukEgs</p> <p>Simulation: https://www.olabs.edu.in/?sub=1&brch=1&sim=72&cnt=1</p> <p>*Suggestive activity To observe and compare the pressure exerted by a solid iron cuboid on sand while resting on its three different faces and to calculate the pressure exerted in the three cases. https://www.olabs.edu.in/?sub=1&brch=1&sim=71&cnt=4</p>	
06	October	16	<p>Atoms and Molecules</p> <p>*PRACTICAL EXPERIMENT</p> <p>Verification of the law of conservation of mass in a chemical reaction. https://www.youtube.com/watch?v=casNoSzuma4&ab_channel=amritacreate</p> <p>Simulation: https://www.olabs.edu.in/?sub=73&brch=2&sim=118&cnt=4</p> <p>* Teaching Aid – Molecular Model Set</p> <p>Links to Video lesson: Live Interaction on PMeVIDYA : Chapter 3: Atoms and Molecules - YouTube</p> <p>Links to Video lessons: https://www.youtube.com/watch?v=gqyILauETxE https://www.youtube.com/watch?v=38xLDSrMxeE</p> <p>Work and Energy</p>	<p>*Slip Test</p> <p>*NCERT Exemplar problems https://ncert.nic.in/pdf/publication/exemplarproblem/classIX/science/ieep103.pdf</p>	

07	November	22	Work and Energy (Contd) Structure of Atom	<p>Simulation: Alpha particle scattering experiment https://cdac.olabs.edu.in/?sub=75&brch=12&sim=88&cnt=187</p> <p>Links to Video lessons: https://www.youtube.com/watch?v=Ej7ETVGBZ34&ab_channel=NCERTOFFICIAL</p>	<p>* NCERT Exemplar problems https://ncert.nic.in/pdf/publication/exemplarproblem/classIX/science/ieep111.pdf</p> <p>*NCERT Exemplar problems https://ncert.nic.in/pdf/publication/exemplarproblem/classIX/science/ieep104.pdf</p>
08	December	18	Sound	<p>*PRACTICAL EXPERIMENT 1.To verify the laws of reflections of sound. https://www.olabs.edu.in/?sub=1&brch=1&sim=1&cnt=213 2.To find the velocity of a pulse through a slinky. https://www.olabs.edu.in/?sub=1&brch=1&sim=93&cnt=435</p> <p>*Teaching Aids- Tuning fork, Rubber pad, Hammer, Slinky;</p> <p>Simulation: https://www.olabs.edu.in/?sub=1&brch=1&sim=1&cnt=4</p> <p>Links to Video lessons: Sound and its Production English - YouTube Bell Jar Experiment - MeitY OLABs - YouTube</p>	<p>Slip Test Nature of sound and its propagation in various media, speed of sound</p> <p>*NCERT Exemplar problems https://ncert.nic.in/pdf/publication/exemplarproblem/classIX/science/ieep112.pdf</p>
9	January 2025	24	Improvement in Food Resources	<p>*Suggestive activity Prepare a herbarium of food yielding plants.</p> <p>Links to Video lessons: Live Interaction on PMeVIDYA: Improvement in Food Resources-1 - YouTube</p>	<p>Slip Test Different types of crops, nutrients and the methods of irrigation</p> <p>*NCERT Exemplar problems https://ncert.nic.in/pdf/publication/exemplarproblem/classIX/science/ieep115.pdf</p> <p>Periodic Test -3</p>

			<u>Live Interaction on PMeVIDYA : Improvement in Food resources Part-2 - YouTube</u> <u>Live Interaction on PMeVIDYA : Improvement in Food Resources Part- 3 - YouTube</u>
10	February	22	Revision
11	March		Session Ending examination

Useful Links

Question Bank: Class IX Science	https://cbseacademic.nic.in/cbe/documents/Item-Bank---Science-Class-9.pdf
Curriculum Aligned Competency Based Test Items : Class IX Science	https://cbseacademic.nic.in/cbe/documents/SAS_Science-Class-9.pdf
Teacher Energised Resource Manuals: Science Term Hindi Medium	https://cbseacademic.nic.in/https://cbseacademic.nic.in/web_material/term/9science_Hi.pdf
CBSE Handbooks: Practice Book Science 9	https://cbseacademic.nic.in/web_material/Manuals/PracticeBook_Science9.pdf
CBSE Teacher Manuals: Class IX:Science	https://cbseacademic.nic.in/web_material/term/9science.pdf

NOTE: ** LAT (Learner's Achievement Test) every month

CLASS IX

SUBJECT- MATHEMATICS (041)

SL. NO	MONTH	NO. OF Days	NAME OF THE CHAPTER	TEACHING AIDS/ E-CONTENT/ INNOVATIVE PRACTICES TO BE ADOPTED	TEST/EXAMINATION TO BE CONDUCTED
1	APRIL-MAY 2024	20	NUMBER SYSTEMS	https://diksha.gov.in/play/content/do_31265071542564454411492 Activity: Square roots of natural number on number line, to construct spiral square roots	https://docs.google.com/forms/d/e/1FAIpQLSdVFMgdLg9Tiqh0eIHK1wMB8jsgvfnJJmTULzOjVhW18xy18A/viewform?usp=sf_link https://docs.google.com/forms/d/e/1FAIpQLSdmEs9XQaqIPwdqbWxgNMFmw1TbjEpGWdaGj6JiHcbk2tNfDQ/viewform?usp=sf_link
			POLYNOMIALS	https://www.cbsetuts.com/ncert-class-9-maths-lab-manual-construct-square-root-spiral/ Explanation of number system by Venn diagram	
				https://diksha.gov.in/play/content/do_312579870119313408111221 https://diksha.gov.in/play/content/do_312579870128037888210969	
	Activity: Verification of identities $(a+b+c)^2$, $(a+b)^3$ Explanation of zeroes of linear, quadratic, cubic polynomials and types of graphs can be obtained	https://docs.google.com/forms/d/e/1FAIpQLSePk6nGpZ0BiHLmdw-Omp2cKyxQfSQOREB0YHnE-MpRBkWpxQ/viewform?usp=sf_link			
	https://diksha.gov.in/play/content/do_312579872668131328111376 Activity: To draw graph of linear equation on plane				
	https://diksha.gov.in/play/content/do_31264308024403558414258 Activity : To find hidden picture by plotting points Use of coordinate geometry in regulating air traffic , in GPS etc				
2	JUNE	08	POLYNOMIALS (CONTD)		
3	JULY	25	LINEAR EQUATIONS IN TWO VARIABLES		PERIODIC TEST 1
			COORDINATE GEOMETRY		

4	AUGUST	24	INTRODUCTION TO EUCLID'S GEOMETRY	https://diksha.gov.in/play/content/do_31274765443053158413808	https://docs.google.com/forms/d/e/1FAIpQLSew2AmlWY16NFqiBCN5xS11ptR3xYoFUV_JLpBahdUgcFa6jA/viewform?usp=sf_link	
				Explanation of difference between Euclidean and non-Euclidean geometry in the nature of parallel lines		
			LINES AND ANGLES	https://diksha.gov.in/play/content/do_312579870380105728210986		
	Activity : To verify when two lines intersect then vertically opposite angles are equal					
	Explanation of angles and pair of angles using real life examples					
5	SEPTEMBER	22	TRIANGLES	https://diksha.gov.in/play/content/do_312579870514012160210995	https://docs.google.com/forms/d/e/1FAIpQLSfrQQshuT6OqXY2Fb8nVJerpco4-Y0_D33HFRWX03mT_-vg/viewform?usp=sf_link	
				Activity : Congruence of triangles by making cut outs of triangles		
				Triangles are more solid shapes of world and their use in construction		
						PERIODIC TEST 2
6	OCTOBER	16	QUADRILATERALS	https://diksha.gov.in/play/content/do_31298100661175910416		https://docs.google.com/forms/d/e/1FAIpQLScZELxnuso0mMh-tv9A83SeDhdWbbcWEviw2OTh25kMUKcgBA/viewform?usp=sf_link
				Activity :Diagonal divides a parallelogram into two congruent triangles		
			CIRCLES	https://diksha.gov.in/play/content/do_31331739053461504011130		
	Activity: Angles subtended by an arc of a circle at centre and at any point on the circle, angles in the same segment, opposite angles of cyclic quadrilateral					
	Explanation how circles can be made in playground without using compass					

7	NOVEMBER	22	CIRCLES (CONTD)	https://diksha.gov.in/play/content/do_31331802895138816011687	https://docs.google.com/forms/d/e/1FAIpQLScyysWi0H_UHYcQZPq0XzroU5ZB-FmjfrnSntREKx531LvA/viewform?usp=sf_link https://docs.google.com/forms/d/e/1FAIpQLScL87NsEXd7DGK0UtzUjbKRe5RV4e5glwEhZs7CeT075v_OZQ/viewform?usp=sf_link PERIODIC TEST 3
			HERON'S FORMULA	https://diksha.gov.in/play/content/do_312526065155661824132963 Use of Heron's formula(for eg. Forest area)	
8	DECEMBER	18	SURFACE AREA AND VOLUMES	https://diksha.gov.in/play/content/do_31327850098370969611266 Activity : To find formula for curved surface area of right circular cylinder.	
			9	JANUARY 2025	
10	FEBRUARY	REVISION			
11	MARCH	SESSION ENDING EXAMINATION			

Useful Links

Question Bank: Class IX Mathematics	https://cbseacademic.nic.in/cbe/documents/Item-Bank---Maths---Class-9.pdf
Curriculum Aligned Competency Based Test Items : Class IX Mathematics	https://cbseacademic.nic.in/cbe/documents/SAS_Maths-Class-9.pdf
CBSE Handbooks: Practice Book Maths 9	https://cbseacademic.nic.in/web_material/Manuals/PracticeBook_Maths9.pdf
CBSE Teacher Manuals: Class IX:Maths	https://cbseacademic.nic.in/web_material/term/9Math.pdf

NOTE: ** LAT (Learner's Achievement Test) every month

CLASS IX

SUBJECT- SOCIAL SCIENCE (087)

Sl No.	Month	No. of Working Days	Name of the Chapter/ Topic to be covered	Teaching Aids / E-Content /Innovative Practice to be adopted	Test/Examination to be conducted
1	April & May 2024	20	(H1) French Revolution (P1) What is democracy? Why democracy?	<p>French Revolution Suggestive Activities https://kvno2jaipur.wordpress.com/class-9/ Map activity-Identifying/locating France and other European Countries Quiz/Worksheet-MCQ Debate-Topic-French Revolution created a society based on Equality in France. Prepare a list of books which triggered French Revolution</p> <p>What is democracy? Why democracy?</p> <p>Suggestive Activities Debate-Topic-Democracy is the best governmental system in the world List down the features of democracy. Prepare a chart on Fundamental Rights and Duties.</p>	Slip test
			(E1) The story of village Palampur	<p>PPT: Gr. 9. Eco.Ch. 1 .The Story of Village Palampur.pptx - Google Drive https://diksha.gov.in/play/content/do_31290675346932531213170 Suggested Activities https://kvno2jaipur.wordpress.com/class-9/ Concept mapping of Various Factors of Production Survey and Case study of the agricultural income of farmers in the locality Prepare a list of Agricultural inputs used for a few selected crops Make a list of factors of production; physical capital — fixed and working, and human capital.</p>	
2	June	8	(G1) India: Size and Location + Mapwork (P2) Constitutional Design	<p>India: Size and Location Suggested Activities https://kvno2jaipur.wordpress.com/class-9/ Map Activity-Identify/locate/label important aspects of India ‘s location Collect information about States and UTs in terms of languages, food, dress, cultural traditions, etc. and prepare an Album</p>	Map test

				<p>Prepare a write up on your own state/ union territory</p> <p>Constitutional Design</p> <p>Suggested Activities</p> <p>Group Discussion on the Salient Features of Indian Constitution</p> <p>Youth Parliament</p> <p>Picture Album of the glimpses of the Constituent Assembly</p> <p>Prepare a chart of the Preamble of the Indian Constitution</p>	
3	July	25	<p>(H2) Socialism in Europe and the Russian Revolution</p> <p>(G2) Physical Features of India + Map work</p>	<p>Socialism in Europe and the Russian Revolution</p> <p>Suggested Activities</p> <p>https://kvno2jaipur.wordpress.com/class-9/</p> <p>Map activity-Identify/Locate the European countries mentioned in the lesson</p> <p>Concept mapping of the causes of the Russian Revolution</p> <p>Quiz/Worksheet-MCQ</p> <p>Prepare a short Essay on the Topic-The global impact of the Russian Revolution.</p> <p>Physical Features of India</p> <p>Suggested Activities</p> <p>Map Activity-Identify and label the Physical Features of India</p> <p>Quiz/Worksheet-MCQ</p> <p>Prepare a Video Album of any one of the Physical features of India</p>	PT -1
4	August	24	<p>(E2) People as Resource</p> <p>(H3) Nazism and the rise of Hitler</p>	<p>Nazism and the rise of Hitler</p> <p>PPT: Chapter 3 Nazism and the Rise of Hitler.pptx - Google Drive</p> <p>Suggested Activities</p> <p>https://kvno2jaipur.wordpress.com/class-9/</p> <p>Map Activity-Identify/Locate the European countries mentioned in the lesson</p> <p>Write a poem/collect poems related to the life and death of Concentration camp victims</p>	CCT – passage and questions

				<p>Quiz/Worksheet-MCQ</p> <p>Write a short note on the propaganda strategy of Hitler</p> <p>People as Resource</p> <p>Suggested Activities</p> <p>Survey/ Data collection/Case study of educated unemployment</p> <p>Flow chart on type of unemployment.</p> <p>List down the various Employment Generation Programs of India.</p> <p>Debate-Topic-Population, an asset or liability?</p>	
5	September	22	<p>(G3) Drainage</p> <p>(E3) Poverty as challenge</p> <p>(G4) Climate + Map work/Project work</p>	<p>Drainage</p> <p>Suggested Activities</p> <p>https://kvno2jaipur.wordpress.com/class-9/</p> <p>Map activity-Identify/Locate the major Rivers of India</p> <p>Prepare a table furnishing the features of different rivers</p> <p>Write down the story of a river</p> <p>Prepare an article on Ganga Action Plan.</p> <p>Poverty as challenge</p> <p>Suggested Activities</p> <p>Concept Mapping on the causes of poverty.</p> <p>Case study/Survey on the calorie intake of a selected group and data interpretation</p> <p>List down the various Poverty Alleviation Programs of India</p>	PT -2 – HALF YEARLY
6	October	16	<p>(H4) Forest society and colonialism</p> <p>(P3) Electoral Politics</p>	<p>Forest society and colonialism</p> <p>Suggested Activities</p> <p>https://kvno2jaipur.wordpress.com/class-9/</p> <p>Prepare table of the states of India and their forest areas</p> <p>Quiz/Worksheet-MCQ</p> <p>Prepare an Essay on the topic Colonial rule and deforestation in India.</p>	

			(G5) Natural vegetation and wildlife + Map work	<p>Electoral Politics</p> <p>Suggested Activities</p> <p>Role Play-The entire Election process may be dramatized</p> <p>Public speaking-Topic- Election is the political barometer of democracy.</p> <p>List down the functions of Election Commission in India</p> <p>Analyze a cartoon given in the lesson and write your interpretation/Design a cartoon and invite opinions.</p> <p>Natural vegetation and wildlife</p> <p>Suggested Activities</p> <p>Map Activity-Identify/Locate the Natural Vegetable types of India</p> <p>Quiz/Worksheet-MCQ</p> <p>Video Album of the flora and fauna of different forests</p> <p>Concept mapping of the features of different Natural Vegetation types</p>	
7	November	22	<p>(H5) Pastoralists in the modern world</p> <p>(E4) Food security in India</p>	<p>Pastoralists in the modern world</p> <p>Chapter 5 Pastoralists in the Modern India.pptx - Google Drive</p> <p>Suggested Activities</p> <p>https://kvno2jaipur.wordpress.com/class-9/.</p> <p>Write a short note on the life of the pastoralists</p> <p>Role play-on the life of the pastoralists</p> <p>Quiz/Worksheet-MCQ</p> <p>Food security in India</p> <p>Suggested Activities</p> <p>Prepare a list of social groups who are food insecure</p> <p>Flow chart on different dimensions of food security</p> <p>Group Discussion –Ensuring food security is the prime task of governments</p> <p>Board Project on Disaster Management</p>	project

9	December	18	(P4) Working of the Institutions (G6) Population	<p>Population</p> <p>Chapter 6 Population.pptx - Google Drive</p> <p>Suggested Activities</p> <p>https://kvno2jaipur.wordpress.com/class-9/</p> <p>Quiz/Worksheet-MCQ</p> <p>Flow chart on different factors of population change</p> <p>Group Discussion-When India becomes largest populous country.</p> <p>Working of the Institutions</p> <p>Suggested Activities</p> <p>List down any 10 political institutions in India.</p> <p>Concept Mapping of the powers of the President of India</p> <p>Quiz/Worksheet MCQ</p> <p>Role play</p>	
10	January 2025	24	(P5) Democratic Rights	<p>Democratic Rights</p> <p>Suggested Activities</p> <p>Role play on protection of Democratic Rights</p> <p>Prepare an Essay on the topic- Democratic Rights</p> <p>Prepare a chart on Fundamental Rights</p> <p>https://kvno2jaipur.wordpress.com/class-9/</p> <p>Students can watch the “SAMVIDHAN” episode of Sansad T.V.on:</p> <p>https://www.youtube.com/watch?v=0U9KDQnIsNk.</p>	PT -3
11	February	22		REVISION	
12	March			SESSION ENDING EXAMINATION (SEE)	

NOTE: ** LAT (Learner’s Achievement Test) every month

Class -9 **Subject : Artificial Intelligence(417)**

Sl.	Month	No of ys	Name of the Chapter/Topic to be covered	Teaching Aids/E-content/innovative practices	Test/examination to be conducted
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PART-A: EMPLOYABILITY SKILLS

1	April & 2024	20	Unit 1: Communication Skills-I	https://ncert.nic.in/vocational/pdf/iees101.pdf	
			Unit 2: Self-management Skills-I		
			Unit 3: Information and Technology Skills-I		
			Unit 4: Entrepreneurial Skills-I		
			Unit 5: Green Skills-I		

PART-B – SUBJECT SPECIFIC SKILLS

UNIT 1: INTRODUCTION TO ARTIFICIAL INTELLIGENCE (AI)

2			<u>Excite:</u>	https://cbsekskilleducation.com/introduction-to-artificial-intelligence-class-9/	
	June &	33	To identify and appreciate Artificial describe its applications in daily life.		
			To relate, apply and reflect on the ne Interactions. To identify and interact omains of AI: Data, Computer Vision guage Processing.		PT 1

		To undergo an assessment for ess towards acquired AI-Readiness	
		Relate:	
		Learners to relate to application of gence in their daily lives	
		To unleash their imagination towards l build an interactive story around it. and reflect on the Human-Machine	
		Purpose:	
		To understand the impact of gence on Sustainable Development o responsible citizenship.	
		Possibilities:	
		To research and develop awareness l for jobs of the future.	

3			To imagine, examine and reflect on d for the futuristic opportunities.		
			To develop effective communication e work skills.		
	August	24			
			<u>AI Ethics:</u>		
			To understand and reflect on the pound AI.		
			To gain awareness around AI bias and		
		To let the students analyse the disadvantages of Artificial Intelligence.			

UNIT 2: AI PROJECT CYCLE

4	September	22	Problem Scoping		
			Problem Scoping:		Periodic Test-II :/ HY Exam
			Identify the AI Project Cycle		Employability Skills
					PART-A
					and
					PART-B
			Learn problem scoping and ways to AI project	https://cbseksilleducation.com/ai-project-cycle-class-9-notes/	UNIT-1:
					Artificial Intelligence Class 9 tions QA - CBSE Skill Education

			Identify stakeholders involved in the Brainstorm on the ethical issues the problem selected.		
			Understand the iterative nature of for in the AI project cycle. Foresee required and the kind of analysis to be		
			Share what the students have		
5	October	16	Data Acquisition	Smart Board Touch Panels/ Projector/ MM Studio/ / Self explained video lessons. Any Innovative practices teacher	
			Identify data requirements and find to obtain relevant data.		
			Data Exploration	Smart Board Touch Panels/ Projector/ MM Studio/ / Self explained video lessons. Any Innovative practices teacher	
			To understand the purpose of Data		

			Use various types of graphs to represent data.		
6		22	Modelling	Smart Board Touch Panels/ Projector/ MM Studio/ Self explained video lessons. Any Innovative practices teacher	
			Understand modeling (Rule-based &		
			Understand, create and implement decision Trees.		
			Understand and visualise computer's binary alphabets and handwritings		
7	December	18	UNIT 3: NEURAL NETWORK:		
			Understand and appreciate the concept of neural network through gamification.	https://cbse-skilled-education.com/neural-network-class-9-notes/	
8	January 2025	24	UNIT 4: INTRODUCTION TO PYTHON:		
			Learn basic programming skills on different platforms	https://ncert.nic.in/textbook/pdf/keip103.pdf	
			Acquire introductory Python programs in a very user-friendly format.		PT -III (40 Marks)

					Topics:
					PART-B: UNIT 2&3
					i.e
					AI project cycle, Neural networks,
					Unit 2: AI Project Cycle Class 9 and Answers CBSE Python
					https://cbsepython.in/neural-ass-9-questions-and-answers/
9	February	22	Revision / Test Examinations		
10	March		<u>Session Ending Examination (50 Marks)</u>		
					<u>SSE (50 Marks)</u>
					FULL SYLLABUS

NOTE: ** LAT (Learner's Achievement Test) every month

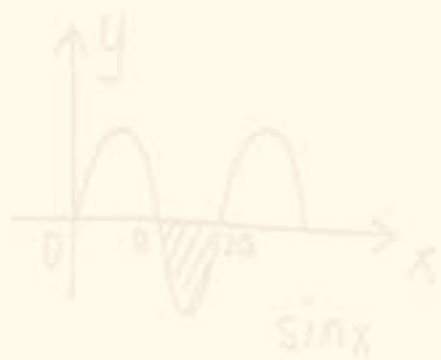


CLASS X

$$\lim_{x \rightarrow 0} \frac{1 - \sqrt{\cos x}}{x(1 - \cos \sqrt{x})} \cdot \frac{1}{1 + \sqrt{\cos x}}$$

$$f(x, y) = \begin{cases} x^2 + y^2 & \text{if } x^2 + y^2 \leq 1 \\ 0 & \text{if } x^2 + y^2 > 1 \end{cases}$$

$$\frac{2x+1}{3x-5} > 1$$



Sl. No.	Months	No. Of Working Days	Names of the Chapters/Topics to be Covered	Teaching Aids/E-Content/Innovative Practices to be Adopted	Tests/ Examinations to be Conducted
1	April & MAY 2024	20	FIRST FLIGHT- Prose- A Letter to God. Poems- Dust of Snow Fire & Ice FOOTPRINTS WITHOUT FEET- Triumph of Surgery GRAMMAR- Tenses WORDS & EXPRESSIONS- UNIT -01 WRITING TASK- Analytical Paragraph	https://www.youtube.com/watch?v=Em2kBA4U20M https://epathshala.nic.in/watch.php?id=4055 https://epathshala.nic.in/watch.php?id=4269 https://www.youtube.com/watch?v=pyOlo053K88 ➤ DIKSHA PORTAL ➤ NCERT Website ➤ Mind Maps ➤ PPT	Monthly Test-01
			Poem- A Tiger in the Zoo Prose- Nelson Mandela- Long Walk to Freedom Reading practice for summer vacation	https://epathshala.nic.in/watch.php?id=4056 ➤ Flipped Classroom ➤ DIKSHA PORTAL ➤ NCERT Website ➤ PPT ➤ Mind Maps https://learnenglishteens.britishcouncil.org/skills/reading	

2	June, 2024	18	<p>FIRST FLIGHT- Prose-Two Stories About Flying Poem-How to Tell Wild Animals Prose-From the Diary of Anne Frank FOOTPRINTS WITHOUT FEET- The Thief’s Story</p> <p>The Midnight Visitor</p> <p>WORDS & EXPRESSIONS- UNIT -02</p> <p>GRAMMAR-Modals</p> <p>WRITING TASK-Letter to the Editor/ Organisation</p>	<p>https://epathshala.nic.in/watch.php?id=4056 https://epathshala.nic.in/watch.php?id=4057 https://epathshala.nic.in/watch.php?id=4058 https://www.youtube.com/watch?v=AUWE9qbKvrc https://epathshala.nic.in/watch.php?id=4270 https://epathshala.nic.in/watch.php?id=4271 https://www.youtube.com/watch?v=Va6aceRBdtY&t=50s</p> <ul style="list-style-type: none"> ➤ Peer Teaching ➤ DIKSHA PORTAL ➤ NCERT Website ➤ PPT ➤ Mind Maps 	Monthly Test-2
3	July, 2024	25	<p>FIRST FLIGHT- Prose-Glimpses of India</p> <p>Poem-The Ball Poem</p> <p>FOOTPRINTS WITHOUT FEET- A Question of Trust</p> <p>WORDS & EXPRESSIONS- UNIT -03 GRAMMAR-Subject Verb Agreement WRITING TASK-Letter of Complaint</p>	<p>https://epathshala.nic.in/watch.php?id=4061 https://epathshala.nic.in/watch.php?id=4272 https://www.youtube.com/watch?v=Va6aceRBdtY</p> <ul style="list-style-type: none"> ➤ DIKSHA PORTAL ➤ NCERT Website ➤ PPT ➤ Mind Maps ➤ ASL 	<p>Periodic test-01</p> <p>Subject Enrichment Activity</p>
4	August, 2024	24	<p>FIRST FLIGHT- Poem-Amanda Prose-Mijbil the Otter</p> <p>FOOTPRINTS WITHOUT FEET- Footprints Without Feet</p>	<p>https://epathshala.nic.in/watch.php?id=4062 https://epathshala.nic.in/watch.php?id=205</p>	Monthly Test-03

			<p>The Making of a Scientist</p> <p>WORDS & EXPRESSIONS- UNIT -04 GRAMMAR-Reported Speech</p> <p>WRITING TASK-Letter of Placing Order</p>	<p>https://www.youtube.com/watch?v=PJiNDs8h5Q&t=23s</p> <p>https://epathshala.nic.in/watch.php?id=4273</p> <ul style="list-style-type: none"> ➤ Quiz ➤ DIKSHA PORTAL ➤ NCERT Website ➤ PPT ➤ Mind Maps 	Art Integrated Project
5	September, 2024	22	<p>FIRST FLIGHT- Prose- Sermon at Benares Madam Rides the Bus</p> <p>Poem-The Trees Fog</p> <p>FOOTPRINTS WITHOUT FEET- The Necklace Bholi</p> <p>WORDS & EXPRESSIONS- UNIT – 07 & 08</p> <p>GRAMMAR-Reported Speech (To be Continued) WRITING TASK-Inquiry Letter</p>	<p>https://epathshala.nic.in/watch.php?id=4063</p> <p>https://www.youtube.com/watch?v=0hipMmVEHZA</p> <ul style="list-style-type: none"> ➤ Role Plays based on ‘Madam Rides a Bus’ ➤ DIKSHA PORTAL ➤ NCERT Website ➤ Mind Maps 	Periodic Test 2
6	October, 2024	16	<p>FIRST FLIGHT-</p> <p>Prose-The Proposal</p> <p>Poem: For Anne Gregory</p>	<p>https://epathshala.nic.in/watch.php?id=4065</p> <p>https://epathshala.nic.in/watch.php?id=4064</p>	Monthly Test 4

			<p>The Tale of Custard the Dragon</p> <p>FOOTPRINTS WITHOUT FEET- The Book that Saved the Earth</p> <p>WORDS & EXPRESSIONS- UNIT – 09 & 10 GRAMMAR-Determiners</p>	<p>https://epathshala.nic.in/watch.php?id=4275</p> <p>https://epathshala.nic.in/watch.php?id=4277</p> <p>Speech on ‘The Importance of Educating a Girl Child’</p> <p><input type="checkbox"/> DIKSHA PORTAL <input type="checkbox"/> NCERT Website <input type="checkbox"/> Mind Maps</p>	
7	November, 2024	22	WORDS & EXPRESSIONS- UNIT -11	<p>https://epathshala.nic.in/watch.php?id=4278</p> <p>Dramatisation DIKSHA PORTAL NCERT Website Mind Maps</p>	First Board / First Pre-Board Examination
8	December, 2024	18	Revision	Chapter-wise revision of both First Flight and Footprints without Feet	Second Pre-Board Examination
9	January- 2025	24	Revision	Discussion/working out of questions from Sample Papers and Study Material	

10	February, 2025	22	Revision & Study Leave	Discussion/working out of questions from Sample Papers and Study Material	CBSE Exams
11	March 2025				CBSE Exams

PRESCRIBED TEXTS:

- FIRST FLIGHT
- FOOTPRINTS WITHOUT FEET
- WORDS AND EXPRESSIONS

NOTE:

1. The Slip Tests can be conducted for 5/10/15/20 Marks. Some of the of Slip Test types that can be given, are suggested below:

- Choose the Correct Alternative
- Speaker- Listener Test (Identifying the Speaker and Listener from the given dialogue)
- True or False Questions
- Referential/Inferential Questions
- Word Attack Questions
- Identifying the Literary Devices/Rhyming Words/Rhyme Scheme

2. Listening Exercise can be accessed by clicking on to the pdf link given below. It has been taken from the Official Site of The British Council

<https://drive.google.com/file/d/1aj23yJ-CfyFkA6bGFhNlwd5SKMrtkajR/view?usp=sharing>

Other Resources

British Council link for Grammar	https://learnenglish.britishcouncil.org/grammar
British Council link for Audios	https://learnenglish.britishcouncil.org/general-english/audio-series
Audio Lessons, Class X KVS	https://drive.google.com/drive/folders/1yis3ishfxAWLXR1_7_6A9jSl9PBz5wzD
ZIET Learning English-Mumbai	https://eugeneleen.blogspot.com/p/class-10.html

CLASS X**ENGLISH COMMUNICATIVE (101)**

SL.NO.	MONTHS	NO. OF WORKING DAYS	NAMES OF THE CHAPTERS/TOPICS TO BE COVERED	TEACHING AIDS/ E-CONTENT/ INNOVATIVE PRACTICES TO BE ADOPTED	TESTS/ EXAMINATION TO BE CONDUCTED
1	APRIL & MAY 2024	20	TWO GENTLEMEN OF VERONA (FICTION-1) THE FROG AND THE NIGHTINGALE (POEM-1) NOT MARBLE, NOR THE GILDED MONUMENTS(POEM-2) HEALTH AND MEDICINE (MCB-1) GRAMMAR: MODALS WRITING SKILLS: E-MAIL	1. Web Chart: Displaying the qualities or characters of a Gentleman. 2. Diary Entry: A) Lucia writing a diary about her past life and present situations. B) The nightingale writes a diary entry expressing her fears as the audience starts dwindling. 3. ASL	Monthly Test 1- April (The portion covered in the month of April)
2	JUNE	8	Mrs. PACKETIDE'S TIGER (FICTION-2) WRITING SKILLS: FORMAL LETTER WRITING GRAMMAR: DETERMINERS	1. Debate: On the morality of Mrs. Packletide's actions in the story. 2. Interview: Conduct an interview with Mrs. Packletide/ Mrs. Loona Bimberton	
3	JULY	25	THE LETTER (FICTION-3) A SHADY PLOT (FICTION-4) OZYMANDIAS (POEM-3) THE DEAR DEPARTED (DRAMA-1) EDUCATION(MCB-2) GRAMMAR: SUBJECT VERB CONCORD	1. Reflective Essay: Discussing their personal interpretation of the poem and how it resonates with them on a deeper level. 2. Compare and contrast a shady plot with another piece of super natural fiction 3. Role play/ Dramatization 4. ASL https://cbseacademic.nic.in/aslcorner.html	PERIODIC TEST 1 (JULY) PORTION COVERED IN THE MONTH OF APRIL, MAY & JUNE
4	AUGUST	24	PATOL BABU (FICTION-5) THE RIME OF THE ANCIENT MARINER (POEM-4) WRITING SKILLS: FACTUAL DESCRIPTION OF PEOPLE/OBJECTS SCIENCE (MCB-3) ENVIRNOMENT(MCB-4) GRAMMAR: CLAUSES	1. Create a list of symbols found in the poem and their implications. 2. Paragraph writing: How far will you go for your dreams and passions? 3. ASL	1. Monthly Test 2 (Portion covered in the month of July- to be conducted during first week of August) 2. Monthly Test 3 (Portion covered in the month of August- to be conducted during last week of August)

5	SEPTEMBER	22	VIRTUALLY TRUE (FICTION-6) JULIUS CAESAR (DRAMA-2) TRAVEL AND TOURISM(MCB-5) ARTICLE WRITING GRAMMAR: TENSES	1. Article Writing: Benefits and risks of using technology and artificial intelligence 2. Role play or Dramatization 3. ASL	PERIODIC TEST-2 (SEPTEMBER) PORTION COVERED IN THE MONTH OF JULY AND AUGUST
6	OCTOBER	16	SNAKE (POEM-5) NATIONAL INTEGATION(MCB-6) GRAMMAR: REPORTED SPEECH	1. Group Activity: Dramatic reading of each stanza or section of poem 2. ASL https://cbseacademic.nic.in/aslcorner.html	1. Monthly Test 4 (Portion covered in the month of September- to be conducted during first week of October) 2. Monthly Test 5 (Portion covered during the last week of October)
7	NOVEMBER	22	1st PRE-BOARD/ 1st BOARD EXAM	REVISION	1st Pre-Board/1st Board - Multiple Board format
8	DECEMBER	18	REVISION	REVISION	2 nd Pre-Board/1st Board - Multiple Board format
9	JANUARY 2025	24		REVISION	
10	FEBRUARY	22			CBSE BOARD EXAM
11	MARCH				CBSE BOARD EXAM

CLASS X

SUBJECT- **HINDI COURSE-A (002)**

क्र. स.	महीना	कार्य दिवसों की संख्या	पाठ्यपुस्तक/पाठ का नाम क्षितिज भाग-2, कृतिका भाग-2, व्याकरण और रचनात्मक लेखन	शिक्षण सामग्री/ई-सामग्री/ नवीन दृष्टिकोण/ नवाचार	परीक्षा/ मूल्यांकन
1.	अप्रैल & मई 2024	20	1.सूरदास के पद 2.नेताजी का चश्मा 3. बालगोबिन भगत 4. रचना के आधार पर वाक्य भेद 5.अनुच्छेद लेखन	https://diksha.gov.in/play/collection/do_31310347521994752011426 भक्तिकाल एवं संत कवियों का परिचय NCERTद्वारा प्रस्तुत – https://youtu.be/MfPXEBQKC9s के.वि संगठन द्वारा प्रेषित गत वर्षों की अध्ययन सामग्रियों के आधार पर अभ्यास-कार्य	मासिक परीक्षा बहुविकल्पीय प्रश्न परीक्षण
			1.राम-लक्ष्मण-परशुराम संवाद	https://diksha.gov.in/play/collection/do_31310347521994752011426	पर्ची परीक्षण
2.	जून	8	1.राम-लक्ष्मण-परशुराम संवाद 2. अपठित गद्यांश	NCERT द्वारा प्रस्तुत – https://www.youtube.com/live/VOKwsyKj11o?feature=share के.वि संगठन द्वारा प्रेषित गत वर्षों की अध्ययन सामग्रियों के आधार पर अपठित गद्यांश का अभ्यास	पर्ची परीक्षण
3.	जुलाई	25	1.आत्मकथ्य 2.लखनवी अंदाज़ 3. माता का अंचल 4. वाच्य 5. अपठितपद्यांश	https://diksha.gov.in/play/collection/do_31310347521994752011426 NCERT द्वारा प्रस्तुत - https://www.youtube.com/live/zxvL9iXJt5o?feature=share https://youtu.be/_GcCLHMzud8 https://youtu.be/y1oy3DV7VYs https://diksha.gov.in/play/collection/do_3131034752220119041928 वाच्य पहचानने एवं वाच्य परिवर्तन करने का अभ्यास	प्रथम आवधिक परीक्षा /

					बहुविकल्पीय प्रश्न परीक्षण
4.	अगस्त	24	<ol style="list-style-type: none"> 1. उत्साह 2. अट नहीं रही है 3. एक कहानी यह भी 4. साना साना हाथ जोड़ि 5. अलंकार (उपमा रूपक, उत्प्रेक्षा, मानवीकरण, अतिशयोक्ति) 6. पत्र लेखन 	https://diksha.gov.in/play/collection/do_31310347521994752011426 NCERT द्वारा प्रस्तुत – https://youtu.be/BwA05AtwDFo के.वि संगठन द्वारा प्रेषित गत वर्षों की अध्ययन सामग्रियों के आधार पर अपठित पद्यांश एवं पत्र लेखन और स्ववृत्त लेखन का अभ्यास https://youtu.be/EPKHntA_Nuk https://diksha.gov.in/play/collection/do_3131034752220119041928 के.वि संगठन द्वारा प्रेषित गत वर्षों की अध्ययन सामग्रियों के आधार पर अलंकार छांटने का अभ्यास	मासिक परीक्षा पर्ची परीक्षण बहुविकल्पीय प्रश्न परीक्षण
5.	सितंबर	22	<ol style="list-style-type: none"> 1. यह दंतुरित मुस्कान 2. फसल 3. नौबतखाने में इबादत 4. पद परिचय 5. स्ववृत्त लेखन 	https://diksha.gov.in/play/collection/do_31310347521994752011426 NCERT द्वारा प्रस्तुत- https://youtu.be/rAY-h3FWtoE https://youtu.be/Z-SzLKz5ov4	द्वितीय आवधिक परीक्षा पर्ची परीक्षण बहुविकल्पीय प्रश्न परीक्षण
6.	अक्तूबर	16	<ol style="list-style-type: none"> 1. मैं क्यों लिखता हूँ 2. संगतकार 	https://diksha.gov.in/play/collection/do_31310347521994752011426 NCERT द्वारा प्रस्तुत- https://youtu.be/vcLf7J4Rz-g	मासिक परीक्षा

			3. ई मेल लेखन 4. संदेश लेखन	https://youtu.be/WHUmDXywD9g https://diksha.gov.in/play/collection/do_3131034752220119041928 ई मेल लेखन का अभ्यास	पर्ची परीक्षण बहुविकल्पीय प्रश्न परीक्षण
7.	नवम्बर	22	1. संस्कृति 2. विज्ञापन लेखन	https://diksha.gov.in/play/collection/do_31310347521994752011426 NCERT द्वारा प्रस्तुत – https://youtu.be/FAV0_efGTKE https://youtu.be/Mey0U0EDhfc के.वि संगठन द्वारा प्रेषित गत वर्षों की अध्ययन सामग्रियों के आधार पर विज्ञापन लेखन एवं सन्देश लेखन का अभ्यास	प्रथम बोर्ड पूर्व परीक्षा बहुविकल्पीय प्रश्न परीक्षण
8.	दिसम्बर	18	पुनरावृत्ति कार्य	सैम्पल पेपर अभ्यास https://cbseacademic.nic.in/web_material/doc/sqp/Sample%20Questions%20Class-X.rar	द्वितीय बोर्ड पूर्व परीक्षा
9.	जनवरी	24	पुनरावृत्ति कार्य	सैम्पल पेपर अभ्यास https://cbseacademic.nic.in//qbclass10.html	कक्षा परीक्षण, पर्ची परीक्षण बहुविकल्पीय प्रश्न परीक्षण
10.	फरवरी	22	पुनरावृत्ति कार्य	सैम्पल पेपर अभ्यास https://cbseacademic.nic.in/web_material/doc/sqp/Sample%20Questions%20Class-X.rar	आंतरिक मूल्यांकन पर्ची परीक्षण बहुविकल्पीय प्रश्न परीक्षण

Sl.No	Month	No.of working days	Name of the Chapter/Topic to be Covered	Teaching Aids/ E Content / innovative practices to be adopted	Proposed Activities	Tests & Assessment
1	April & May 2024	20	प्रथमः पाठः वाङ्मयं तपः व्यञ्जनसंधिः- वर्गीयप्रथमवर्णस्यतृतीयवर्णपरिवर्तनं, प्रथमवर्णस्यपञ्चमवर्णपरिवर्तनम्।पत्रलेखनम्।	सहायकपुस्तकानियथा-लघुसिद्धान्तकौमुदी,अभ्यासपुस्तिका	प्रश्ननिर्माणम्	लघुपरीक्षा Monthly Test
		1	चित्राधारितवर्णनम्।	सहायकपुस्तकानियथा- अभ्यासपुस्तकानि	समुचितचित्राणांसङ्कलनम्एवं तेषांचित्राणां भाषायांवर्णनम्	
2	June	8	द्वितीयः पाठः - नास्तित्यागसमं सुखम् समयः- अङ्कानांस्थानेशब्देषुसमयलेखनम्- सामान्य-सपाद-सार्ध-पादोनादि	मणिका द्वितीयो भागः मणिका द्वितीयः भागः - अभ्यासपुस्तिका	प्रश्नोत्तरी	लिखितपरीक्षा आशुभाषणम्
3	July	25	तृतीयःपाठः रमणीया हि सृष्टिरेषा तद्धितप्रत्ययः- मतुप्, ठक्।विसर्गसंधिःविसर्गस्यउत्त्वम्,रत्वम्, विसर्गलोपः, विसर्गस्यस्थानेस्, श्, ष् स्त्रीप्रत्ययः-टाप्, डीप्	सहायकपुस्तकानि यथा-लघुसिद्धान्त- कौमुदी, मणिका अभ्यासपुस्तिका द्वितीयः भागः		Periodic Test 1

4	August	24	<p>चतुर्थः पाठः-आज्ञागुरूणां ह्यविचारणीया</p> <p>पञ्चमः पाठः अभ्यासवशगं मनः</p> <p>अव्ययीभावसमासः- (अनु, उप, सह, निर्, प्रति, यथा) द्वन्द्वसमासः (केवलम् इतरेतर) तद्धितप्रत्ययः त्व, तल् वाच्यपरिवर्तनम्- केवलं लट्लकारे (कर्तृ- कर्म, क्रिया)</p>	<p>सहायकपुस्तकानि यथा-लघुसिद्धान्त- कौमुदी, मणिका अभ्यासपुस्तिका द्वितीयः भागः</p>	<p>वाच्यपरिवर्तनेभि तिपत्रिकानि- र्माणम्</p>	<p>वाचिकपरीक्षा</p>
5	September	22	<p>षष्ठः पाठः- राष्ट्रं संरक्ष्यमेव हि</p> <p>सप्तमः पाठः साधुवृत्तिं समाचरेत्</p> <p>तत्पुरुषः समासः & अव्ययपदानि- (उच्चैः, च, श्वः, ह्यः, अद्य, अत्र- तत्र, यत्र- कुत्र)</p>	<p>सहायकपुस्तकानि यथा-लघुसिद्धान्त- कौमुदी, मणिका अभ्यासपुस्तिका द्वितीयः भागः</p>	<p>समासेभित्तिपत्रिका निर्माणम्</p>	<p>Periodic Test 2</p>
6	October	16	<p>अष्टमः पाठः- तिरुक्कुरल्-</p> <p>सूक्तिसौरभम्</p> <p>नवमः पाठः सुस्वागतं भो!</p> <p>अरुणाचलेऽस्मिन्</p> <p>तत्पुरुषसमासः नञ् । उपपद । अशुद्धिसंशोधनम् (वचन-लिङ्ग-पुरुष- लकारविभक्तिदृष्ट्या संशोधनम्)</p>	<p>सहायकपुस्तकानि यथा-लघुसिद्धान्त- कौमुदी, मणिका अभ्यासपुस्तिका द्वितीयः भागः</p>	<p>सूक्तिलेखनम्</p>	<p>मौखिकपरीक्षा</p>

7	November	22	दशमः पाठः कालोऽहम्, एकादशः पाठः किं किमुपादेयम् अव्ययपदानि- (इदानीम्,अधुना,संप्रति,साम्प्रतम्वृथा,श नैः,यदा,तदा,कदा, सहसा, अपि ,कुतः .इतस्ततः. यदि-तर्हि.यावत-	सहायकपुस्तकानि यथा-लघुसिद्धान्त- कौमुदी, मणिका अभ्यासपुस्तिका द्वितीयः भागः	पाठपुस्तकात्अव्य यानांचयनं	निवेशसूचिका निर्मा णम् Preboard 1
8	December	18	पुनरावृत्तिः प्रश्नपत्रस्य अभ्यासकार्यम्		निवेशसूचि- कायाः सम्पूर्णं	Pre board 2
9	January 2025	24	पुनरावृत्तिः प्रश्नपत्रस्य अभ्यासकार्यम्			PT 3
10	February	22	पुनरावृत्तिः प्रश्नपत्रस्य अभ्यासकार्यम्			CBSE exam
11	March		सत्रान्तपरीक्षा			CBSE exam

Useful Links

SANSKRIT SAVARDHANA PRATHISHSTHAAN	https://www.sanskritpromotion.in
SANSKRIT PROMOTION FOUNDATION	https://www.sanskritpromotion.in/
SANSKRIT BHARATHI	https://kerala.sanskritabharati.in/
CENTRAL SANSKRIT UNIVERSITY	https://www.sanskrit.nic.in/econtent.php
LEARN SANSKRIT	https://www.learnsanskrit.org/
ANDHRA GOVT	https://ndl.iitkgp.ac.in/homestudy/cbse_exam/x_subject/sanskrit
RASHTRIYA SANSKRIT SNASTHAN	https://www.india.gov.in/official-website-rashtriya-sanskrit
RAMAKRISHNA MISSION	https://sanskrit.rkmvu.ac.in/adm-communicative-sans/

Sl No.	Month	No. of Working Days	Name of the Chapter/ Topic to be covered	Teaching Aids / E-Content /Innovative Practice to be adopted	Test/Examination to be conducted
01	April and May 2024	20	Chemical Reactions and equations, Life processes	<p><u>PRACTICAL EXPERIMENTS</u></p> <ul style="list-style-type: none"> Performing and observing the following reactions and classifying them into A. Combination reaction B. Decomposition reaction C. Displacement reaction D. Double displacement reaction (i) Action of water on quicklime (ii) Action of heat on ferrous sulphate crystals (iii) Iron nails kept in copper sulphate solution (iv) Reaction between sodium sulphate and barium chloride solutions <p>Suggestive activities</p> <p>*Develop a game using cards. Write symbols of elements, formulae, valencies and names of various reactions on different cards. These cards can be used for learning balancing of chemical equations and also in classifying chemical reactions.(Toy pedagogy)</p> <p>*Experiential Learning through simulation-Types of chemical Reactions</p> <p>http://amrita.olabs.edu.in/?sub=73&brch=3&sim=81&cnt=1</p> <p>http://amrita.olabs.edu.in/?sub=73&brch=3&sim=80&cnt=1</p> <p>http://amrita.olabs.edu.in/?sub=73&brch=3&sim=82&cnt=1</p> <p>*Extended Learning</p> <p>https://youtu.be/pYqL0ngWUiY (Chemical reactions part 1-NCERT OFFICIAL)</p> <p>https://youtu.be/_AiYmM1OTJI (Chemical reactions part 2-NCERT OFFICIAL)</p>	<p>*Monthly Test 1</p> <p>*Slip Tests-Balancing reactions, Identifying the type of reactions, Classification of reactions, Identifying the substance oxidized and reduced</p> <p>*Exemplar Problems</p> <p>https://ncert.nic.in/ncerts/l/jep101.pdf</p> <p>*CBSE Question Bank-Sample Case Studies</p> <p>https://cbseacademic.nic.in/web_material/QuestionBank/ClassX/ScienceX.pdf</p> <p>(page1-6)</p>

			Life processes	<p><u>PRACTICAL EXPERIMENTS</u></p> <ul style="list-style-type: none"> • Preparing a temporary mount of a leaf peel to show stomata. • Experimentally show that carbon dioxide is given out during respiration. <p>*Suggestive activities</p> <p>Toys from trash (toy pedagogy)</p> <p>https://www.arvindguptatoys.com/beginner-biology.php</p> <p>*Develop models of different Human Body Systems using indigenously available materials from your surroundings (Toy pedagogy)</p> <p>*(Experiential Learning through simulation)</p> <p>https://amrita.olabs.edu.in/?sub=79&brch=16&sim=390&cnt=1 (liberation of carbon dioxide during fermentation)</p> <p>https://amrita.olabs.edu.in/?sub=79&brch=16&sim=126&cnt=1 (Importance of light in photosynthesis)</p>	<p>*Monthly Test 2</p> <p>Slip tests on Basic concept of nutrition, respiration, transport and excretion in plants and animals.</p> <p>*Making of flowcharts and concept maps on Basic concept of nutrition, respiration, transport and excretion in plants and animals.</p> <p>*NCERT Exemplar problems</p> <p>https://ncert.nic.in/ncerts/l/jeep106.pdf</p>
02	June	08	Light – reflection and refraction	<p>*Suggestive activities</p> <p>https://sites.google.com/acads.iiserpune.ac.in/iiserp-scienceactivitycentre/home/hidden-beaker?authuser=0 (Refractive Index-IISER Pune)</p> <p>https://www.arvindguptatoys.com/fun-with-light.php (Toys based on concepts related to light -Toy pedagogy)</p> <p>*Experiential Learning through simulation)</p> <p>https://cdac.olabs.edu.in/?sub=74&brch=9&sim=67&cnt=1 (To find focal length of a concave mirror)</p> <p>https://cdac.olabs.edu.in/?sub=74&brch=9&sim=38&cnt=1 (To study reflection in a concave mirror)</p>	<p>*Slip tests on Reflection of light by curved surfaces, Images formed by spherical mirrors, Refraction; Laws of refraction, refractive index.</p> <p>Refraction of light by spherical lens; Image formed by spherical lenses.</p> <p>*Numerical based on mirror formula, lens formula, magnification and power of a lens</p> <p>*NCERT Exemplar problems</p>

				<p>https://amrita.olabs.edu.in/?sub=1&brch=4&sim=277&cnt=2 (Focal length of a convex lens)</p> <p>https://amrita.olabs.edu.in/?sub=1&brch=4&sim=278&cnt=1 (Convex lens image formation and magnification)</p> <p>https://cdac.olabs.edu.in/?sub=74&brch=9&sim=37&cnt=1 (Refraction of light in a rectangular glass slab)</p>	<p>https://ncert.nic.in/ncerts/l/jeep110.pdf</p>
03	July	25	<p>Light – Reflection and Refraction(contd)</p> <p>Human Eye and colourful world,</p> <p>Acid, Bases and Salts,</p> <p>Control and coordination,</p>	<p><u>PRACTICAL EXPERIMENTS</u></p> <ul style="list-style-type: none"> Determination of the focal length of: i) Concave mirror ii) Convex lens by obtaining the image of a distant object. Tracing the path of a ray of light passing through a rectangular glass slab for different angles of incidence. Measure the angle of incidence, angle of refraction, angle of emergence and interpret the result Tracing the path of the rays of light through a glass prism. Finding the pH of the following samples by using pH paper/universal indicator: (i) Dilute Hydrochloric Acid (ii) Dilute NaOH solution (iii) Dilute Ethanoic Acid solution (iv) Lemon juice (v) Water (vi) Dilute Hydrogen Carbonate solution B. Studying the properties of acids and bases (HCl & NaOH) on the basis of their reaction with: a) Litmus solution (Blue/Red) b) Zinc metal c) Solid sodium carbonate <p>*Suggestive activities-Human Eye (Experiential Learning through simulation) https://amrita.olabs.edu.in/?sub=1&brch=6&sim=246&cnt=1 (Refraction through a prism)</p> <p>*Suggestive activities-Acids ,Bases *Take various substances, and classify their nature as acidic, basic and neutral using any of the self-made natural indicators like black grapes/red cabbage/beetroot/turmeric. Tabulate your observations.</p> <p>*Extended Learning https://amrita.olabs.edu.in/?sub=73&brch=3&sim=270&cnt=1 (To identify Bleaching powder-Experiential Learning through simulation) https://youtu.be/M2C00aHAPb4</p>	<p>*Periodic test 1</p> <p>*Slip tests on Functioning of a lens in human eye, defects of vision and their corrections, Refraction of light through a prism, dispersion of light, scattering of light, applications in daily life</p> <p>*Curriculum aligned competency-based test items https://cbseacademic.nic.in/cbe/documents/SAS_Science-Class-10.pdf (page 39-41)</p> <p>*Slip tests on pH, salts their preparation and properties</p> <p>*MCQs based on properties of acids, bases and salts.</p> <p>*Curriculum aligned competency-based test items https://cbseacademic.nic.in/cbe/documents/SAS_Science-Class-10.pdf</p>

				(Interactive Session PMeVidya)	(page 6-10)
04	August	24	Control and coordination(Contd) Electricity, Metals and non-metals,	<p>*PRACTICAL EXPERIMENTS</p> <ul style="list-style-type: none"> Observing the action of Zn, Fe, Cu and Al metals on the following salt solutions: i) ZnSO₄(aq) ii) FeSO₄(aq) iii) CuSO₄(aq) iv) Al₂(SO₄)₃(aq) Arranging Zn, Fe, Cu and Al (metals) in the decreasing order of reactivity based on the above result. Studying the dependence of potential difference (V) across a resistor on the current (I) passing through it and determine its resistance. Also plotting a graph between V and I. Determination of the equivalent resistance of two resistors when connected in series and parallel. <p>*Suggestive activities-Control and Coordination (Experiential Learning through simulation) https://amrita.olabs.edu.in/?sub=79&brch=16&sim=315&cnt=1 (photo and geotropism)</p> <p>*Suggestive activities-Electricity (Temperature and resistance -IISER Pune) https://sites.google.com/acads.iiserpune.ac.in/iiserp-scienceactivitycentre/home/open-bulb-experiment-temperature-and-resistance?authuser=0 (Resistant pencil-toy Pedagogy) https://www.arvindguptatoys.com/toys/resister.html</p> <p>*Experiential Learning through simulation https://cdac.olabs.edu.in/?sub=74&brch=9&sim=75&cnt=1 (Verification of Ohms Law) https://amrita.olabs.edu.in/?sub=1&brch=4&sim=40&cnt=1 https://amrita.olabs.edu.in/?sub=1&brch=4&sim=41&cnt=1 (Equivalent resistance of resistors in series and parallel)</p> <p>*Suggestive activities-Metals and Non metals *Collect pictures and information related to the historical</p>	<p>*Monthly test 3</p> <p>Slip tests on Nervous system, reflex action, tropism, plant and animal hormones.</p> <p>*NCERT Exemplar problems https://ncert.nic.in/ncerts/l/jeep107.pdf</p> <p>*Slip tests on Electric current, potential difference , Ohm's law; Resistance, Resistivity, Heating effect of electric current and its applications in daily life,Electric power.</p> <p>*Tests on numerical based on Ohms law, series and parallel combinations, resistance, Joules law and power.</p> <p>NCERT Exemplar problems https://ncert.nic.in/ncerts/l/jeep112.pdf</p> <p>Slip tests on Properties of metals and non-metals; Formation and properties of ionic compounds; Basic metallurgical processes; Corrosion and its prevention</p> <p>*Exemplar Problems</p>

				background of two rust resistant monuments built in India OR Collect information and pictures about the field of metallurgy in ancient India.(Integrated Learning)	https://ncert.nic.in/ncerts/l/jeep103.pdf
05	September	22	How do organisms reproduce ? Carbon and its compounds, Heredity ;	<p><u>PRACTICAL EXPERIMENTS</u></p> <ul style="list-style-type: none"> Studying (a) binary fission in Amoeba, and (b) budding in yeast and Hydra with the help of prepared slides. Identification of the different parts of an embryo of a dicot seed (Pea, gram or red kidney bean). Study of the following properties of acetic acid (ethanoic acid): Unit-I i) Odour ii) solubility in water iii) effect on litmus iv) reaction with Sodium Hydrogen Carbonate Study of the comparative cleaning capacity of a sample of soap in soft and hard water. <p>*Suggestive activities-How do Organisms Reproduce (Experiential Learning through simulation) https://amrita.olabs.edu.in/?sub=79&brch=16&sim=135&cnt=1 (Embryo of dicot seed) https://amrita.olabs.edu.in/?sub=79&brch=16&sim=134&cnt=1 (Asexual reproduction)</p> <p>*Suggestive activities-Carbon Compounds Make ball and stick models of different covalent compounds using clay balls and tooth pick(Toy Pedagogy)</p> <p>*(Experiential Learning through simulation) https://amrita.olabs.edu.in/?sub=73&brch=3&sim=280&cnt=1 (Esterification reaction) http://amrita.olabs.edu.in/?sub=73&brch=3&sim=119&cnt=1 (Saponification reaction) https://amrita.olabs.edu.in/?sub=73&brch=3&sim=283&cnt=1</p>	<p>Slip tests on asexual ,sexual reproduction in plants, sexual reproduction in animals, contraception</p> <p>*NCERT Exemplar problems</p> <p>https://ncert.nic.in/ncerts/l/jeep108.pdf</p> <p>*Slip tests on Covalent bonding, Versatile nature of carbon, Nomenclature of carbon compounds containing functional groups, Chemical properties of carbon compounds , Ethanol and Ethanoic acid , soaps and detergents.</p> <p>*NCERT Exemplar problems</p> <p>https://ncert.nic.in/ncerts/l/jeep104.pdf</p> <p>Slip test on Heredity; Mendel's contribution- Laws for inheritance of traits Monohybrid ,Dihybrid cross, Sex determination</p> <p>Curriculum aligned competency based test items</p>

				<p>(To compare the foaming capacity) http://amrita.olabs.edu.in/?sub=73&brch=3&sim=120&cnt=1 (Cleansing capacity of soap) *Suggestive activities -Heredity *Make a write up about Life and Work of Gregor Johan Mendel(Integrated Learning)</p>	<p>https://cbseacademic.nic.in/cbe/documents/SAS_Science-Class-10.pdf (page 31-33) *Periodic test 2</p>
06	October	16	Our environment	<p>*Suggestive activities Make a report about waste disposal mechanism in your locality .Comment about its effectiveness and suggest remedial measures that can be adopted for successful waste management.(Integrated Learning)</p>	<p>Slip tests on Eco-system, Ozone depletion, waste production and their solutions. Biodegradable and non-biodegradable substance. *NCERT Exemplar problems https://ncert.nic.in/ncerts/l/jeep115.pdf *CBSE Question Bank-Sample Case Studies https://cbseacademic.nic.in/web_material/QuestionBank/ClassX/ScienceX.pdf (page 7-14)</p>
07	November	22	Magnetic effects of electric current	<p>*Suggestive activities Toys from trash based on electricity and magnetism-(Toy pedagogy) http://www.arvindguptatoys.com/electricity-magnetism.php/electricity-magnetism.php *Experiential Learning through simulation</p>	<p>Slip tests on Magnetic field, field lines, field due to a current carrying conductor, field due to current carrying coil or solenoid; Force on current carrying conductor, Fleming’s Left Hand Rule, Direct current, Alternating</p>

			https://cdac.olabs.edu.in/?sub=74&brch=9&sim=74&cnt=1 (Field lines around a bar magnet) https://cdac.olabs.edu.in/?sub=74&brch=9&sim=90&cnt=1 (Magnetic field lines around a current carrying conductor) https://cdac.olabs.edu.in/?sub=74&brch=9&sim=91&cnt=1 (Magnetic field lines around current carrying solenoid) *Extended Learning https://youtu.be/rtjGH0B-vVA (Magnetic effects of current-NCERT OFFICIAL))	current, Domestic electric circuits *Curriculum aligned competency based test items https://cbseacademic.nic.in/cbe/documents/SAS_Science-Class-10.pdf First Pre board exam
08	December	18	Revision	Second Pre board exam
09	January 2025	24	Revision	Slip Tests
10	February	22	Revision
11	March		Board Exam	

Sl. No.	Month	No of days	Name of the chapter/topic to be covered	Teaching aids/E content/Innovative practices to be adopted	Test/ Examinations to be conducted
1	APRIL-MAY 2024	20	Real Numbers Polynomials Pair of Linear Equations in two variables	<p>Fundamental theorem of arithmetic and proof of irrationality</p> <p>https://diksha.gov.in/play/content/do_3131105874952028161159</p> <p>Prime factorisation practise question</p> <p>https://docs.google.com/document/d/1PVX1kQ_RKN1vr7NJ_xBRxFHMFf0rQ480zaYtPJhM24/edit?usp=sharing</p> <p>Relation between zeroes and coefficients</p> <p>https://diksha.gov.in/play/content/do_31308591688158412812925</p> <p>https://docs.google.com/document/d/14ePs63WJ4HXyp24kr5_CAhT4rojAEARQayv-iyR-hoY/edit?usp=sharing</p> <p>ACTIVITY: To draw the graph of a quadratic polynomial</p> <p>Graphical method</p> <p>https://diksha.gov.in/play/content/do_31308591720098201612117</p> <p>ACTIVITY.</p> <p>To verify the conditions of consistency/ inconsistency for a pair of linear equations in two variables by graphical method</p>	<p>class test</p> <p>https://docs.google.com/document/d/17pdt99in9hneepSFGwLEZlyBZ6hhIonp-5_VFy9ElkY/edit?usp=sharing</p> <p>Exemplar Problems</p> <p>https://ncert.nic.in/pdf/publication/exemplarproblem/classX/mathematics/jeep201.pdf</p> <p>https://ncert.nic.in/pdf/publication/exemplarproblem/classX/mathematics/jeep202.pdf</p> <p>https://docs.google.com/document/d/1VsZm0LAB3jAeH5bo9kXK6uwWzgVHZtt--Db2bAav3jw/edit?usp=sharing</p> <p>https://ncert.nic.in/pdf/publication/exemplarproblem/classX/mathematics/jeep203.pdf</p>

			<p>Triangles</p> <p>ACTIVITY: To verify the distance formula by graphical method.</p> <p>Similar figures</p> <p>https://diksha.gov.in/play/content/do_31308591754647961612769</p> <p>Activity 6: Basic Proportionality Theorem</p> <p>https://ncert.nic.in/pdf/school-kit/SecondaryMathematicsKit.pdf</p> <p>Application of similar triangles</p> <p>https://diksha.gov.in/play/content/do_31307451625548185615987</p>	<p>https://docs.google.com/document/d/1ONBvwvsizOGVotSOsMrLCCc48c9IJRDT-ObFAN80r_wA/edit?usp=sharing</p> <p>https://ncert.nic.in/pdf/publication/exemplarproblem/classX/mathematics/jeep206.pdf</p> <p>Slip Tests</p>
4	August	24	<p>Circles</p> <p>Tangent to a circle</p> <p>1. https://diksha.gov.in/play/content/do_31307451633015193619404</p> <p>2. https://diksha.gov.in/play/content/do_31307451640422400015746</p> <p>3. https://diksha.gov.in/play/content/do_31307451644502835217027</p> <p>Number of tangents from a point on a circle</p> <p>https://diksha.gov.in/play/content/do_3130191970827304961818</p> <p>Activity:</p> <p>To verify experimentally that the tangent at any point to a circle is perpendicular to the radius through that point.(406)</p> <p>Introduction to Trigonometry</p> <p>Trigonometric ratios</p> <p>https://diksha.gov.in/play/content/do_31307886010605568018054</p> <p>Trigonometric Identities</p> <p>https://diksha.gov.in/play/content/do_31307886016660275217879</p> <p>Applications of Trigonometry</p>	<p>Monthly Test</p> <p>https://ncert.nic.in/pdf/publication/exemplarproblem/classX/mathematics/jeep209.pdf</p> <p>https://ncert.nic.in/pdf/publication/exemplarproblem/classX/mathematics/jeep208.pdf</p> <p>Practise questions</p>

				<p>Activity 40: To verify that the values of trigonometric ratios of an angle do not vary with the lengths of the sides of the triangle.</p> <p>Activity 41: Trigonometric identities</p>	<p>https://docs.google.com/document/d/1gatrqMudpp8WDr3oNgaDjl55kHS0y6cxpCcPdno6l0k/edit?usp=sharing</p>
5	September	22	<p>Areas related to Circles</p> <p>Surface Area and volume.</p>	<p>Area of sector of a circle</p> <p>https://diksha.gov.in/play/content/do_31307967529566208018343</p> <p>https://diksha.gov.in/play/content/do_313079675405795328110069</p> <p>https://diksha.gov.in/play/content/do_313079675589124096110070</p> <p>https://diksha.gov.in/play/content/do_31310506966559948813238</p> <p>https://diksha.gov.in/play/content/do_31310506990987673612112</p> <p>Surface area of combination of solids</p> <p>https://diksha.gov.in/play/content/do_3130191976380170241408</p> <p>Activity 42: Surface areas and volumes of solids mean -direct method</p> <p>https://diksha.gov.in/play/content/do_313078860554584064111729</p>	<p>Periodic Test 2 (Cumulative)</p> <p>https://docs.google.com/document/d/1ItWOapiIZQyrgtMPICcLOt4SMP3nbYqGRwmt5apbwpk/edit?usp=sharing</p> <p>https://ncert.nic.in/pdf/publication/exemplarproblem/classX/mathematics/jeep211.pdf</p> <p>https://docs.google.com/document/d/1tqP47IYcUJ-PA6HmG-8ey2FB4DoG-qxKKn7AfuqA5bE/edit?usp=sharing</p> <p>https://ncert.nic.in/pdf/publication/exemplarproblem/classX/mathematics/jeep212.pdf</p>
6	October	16	Statistics	<p>Assumed mean</p> <p>https://diksha.gov.in/play/content/do_3131105897449062401800</p> <p>mode</p> <p>https://diksha.gov.in/play/content/do_313079679289942016110074</p> <p>median</p>	<p>https://ncert.nic.in/pdf/publication/exemplarproblem/classX/mathematics/jeep213.pdf</p> <p>Additional Practise questions by CBSE</p>

			Probability	https://diksha.gov.in/play/content/do_31310507106339225612622 empirical formula https://diksha.gov.in/play/content/do_3131105904625254401160 Introduction https://diksha.gov.in/play/content/do_31308591772304998414101 coin case https://diksha.gov.in/play/content/do_31308591783990886411848 3 coin case https://diksha.gov.in/play/content/do_31308591787976294412119 LAB ACTIVITY: To determine the experimental probability of a head (or a tail) dice https://diksha.gov.in/play/content/do_31308591832874188812771	https://cbseacademic.nic.in/web_material/SQP/ClassX_2022_23/Mathematics-PQ.pdf Marking Scheme https://cbseacademic.nic.in/web_material/SQP/ClassX_2022_23/Mathematics-POMS.pdf Sample paper chrome-extension://efaidnbmnnnibpcajpcglclefjndmkaj/https://cbseacademic.nic.in/web_material/SQP/ClassX_2023_24/MathsStandard-SQP.pdf
7	November	22	Revision and preboard		Preboard Sample paper chrome-extension://efaidnbmnnnibpcajpcglclefjndmkaj/https://cbseacademic.nic.in/web_material/SQP/ClassX_2023_24/MathsBasic-SQP.pdf
8	December	18	Revision and preboard		Preboard
9	January 2025	24	Revision and preboard		practise tests
10	February	22	Revision		Practise tests.
11	March		Board Examinations.		

CLASS X

SUBJECT- SOCIAL SCIENCE (087)

S.N.	Month	No of working days	Name of the chapter/ topic to be covered	Teaching aids/E-content / Innovative practices to be adopted	Test examinations to be conducted
1	April and May 2024	20	The Rise of Nationalism in Europe Power Sharing	<p><u>The Rise of Nationalism in Europe</u></p> <p>https://diksha.gov.in/play/content/do_312795738191781888112086 https://www.youtube.com/watch?v=gXuyzMzfBW0 (NCERT Official)</p> <p>Suggestive Activities</p> <p>Class-10 – Kendriya Vidyalaya No.2 Jaipur(Online Study Material) (wordpress.com)</p> <p>Map Activity- Identify and list out names of nations mentioned in the lesson and locate them on a world map.</p> <p>Prepare a chart listing those measures taken by French revolutionaries to create a sense of collective identity. The chart may also contain visuals/images.</p> <p>Group Discussion –Topic-Napoleon destroyed democracy in France</p> <p>Worksheet -MCQ</p> <p><u>Power Sharing</u></p> <p>https://diksha.gov.in/play/content/do_312795738479017984112109</p> <p>Suggestive Activities</p> <p>Class-10 – Kendriya Vidyalaya No.2 Jaipur(Online Study Material) (wordpress.com)</p> <p>Prepare a Flow Chart on different Organs of the Government.</p> <p>Quiz</p>	Monthly Test

				List down the various ways of power sharing arrangements in India	
			Development	<p><u>Development</u></p> <p>https://diksha.gov.in/play/content/do_312795738301390848112094</p> <p><u>Suggestive Activities</u></p> <p>Class-10 – Kendriya Vidyalaya No.2 Jaipur(Online Study Material) (wordpress.com)</p> <p>Prepare a Collage on methods of conservation of resources</p> <p>Frame two Slogans to propagate the idea of sustainable development</p> <p>Case study –Different individual goals and concept of development</p> <p>Worksheet-MCQ</p>	Slip test
2	June	8	Resources and Development	<p><u>Resources and Development</u></p> <p>https://diksha.gov.in/play/content/do_312795737823666176112054</p> <p><u>Suggestive Activities</u></p> <p>Class-10 – Kendriya Vidyalaya No.2 Jaipur(Online Study Material) (wordpress.com)</p> <p>Prepare a short note on the need of resource planning in India.</p> <p>Prepare a chart on the types of soil, features and methods of soil conservation</p> <p>Prepare pie diagrams on land use pattern of India and write in their own words about reasons for the changes in land use pattern in India.</p> <p>Quiz/Worksheet-MCQ</p> <p><u>Federalism</u></p> <p>https://diksha.gov.in/play/content/do_312795738494631936112111</p>	
			Federalism		

				<p>Suggestive Activities</p> <p>Class-10 – Kendriya Vidyalaya No.2 Jaipur(Online Study Material) (wordpress.com)</p> <p>Prepare a write-up on unique features of Federalism and Unitary System of Government.</p> <p>Prepare a Chart giving items mentioned in the Union, State and in the Concurrent Lists.</p> <p>Prepare a table on different languages in our Country</p> <p>Design a poster on Decentralisation pattern of India after 1992</p>	
3	July	25	<p>Forest and Wildlife Resources</p> <p>Sectors of the Indian Economy</p> <p>Water resources</p> <p>Gender, Religion and Caste</p>	<p>Forest and Wildlife Resources</p> <p>https://diksha.gov.in/play/content/do_312795737840361472110821</p> <p>Suggestive Activities</p> <p>Class-10 – Kendriya Vidyalaya No.2 Jaipur(Online Study Material) (wordpress.com)</p> <p>Case study-Wild life encounters, situations and impacts</p> <p>Group Discussion on the topic Human interference and wildlife destruction.</p> <p>Suggest five ways to protect Forests</p> <p>Draw a picture/sketch of any one Natural ecosystem</p> <p>Sectors of the Indian Economy</p> <p>https://diksha.gov.in/play/content/do_31286221480571699214257</p> <p>Suggestive Activities</p> <p>Class-10 – Kendriya Vidyalaya No.2 Jaipur(Online Study Material) (wordpress.com)</p> <p>Prepare a poster depicting various economic activities of the 3 sectors</p>	<p>Periodic Test:</p> <p>1</p>

Write a short note on the growing importance of Tertiary sector in India
Debate on the topic “Enlargement of the Unorganised sector is mark of Economic instability”

Worksheet-MCQ

Water resources

https://diksha.gov.in/play/content/do_312795737857212416110823

Suggestive Activities

[Class-10 – Kendriya Vidyalaya No.2 Jaipur\(Online Study Material\)](#)

[\(wordpress.com\)](#)

Debate on the topic –“Multipurpose River Projects showed the way for multi-faceted development”

Map Activity-Locate /identify the major Multipurpose River Projects of India

Suggest five ways for water conservation

Quiz

Gender, Religion and Caste

https://diksha.gov.in/play/content/do_31279787240154726411798

Suggestive Activities

[Class-10 – Kendriya Vidyalaya No.2 Jaipur\(Online Study Material\)](#)

[\(wordpress.com\)](#)

Prepare Glossary of terms in the lesson

Prepare Charts on the following: ❖ Work done by men and women in the family in the whole day, paid/unpaid. ❖ Political representation of women in the Panchayats, Municipalities and the Parliament.

Group Discussion –Caste alone cannot determine election results in India.

4	August	24	<p>Nationalism in India</p> <p>Agriculture</p> <p>Minerals and Energy Resources</p> <p>Political Parties</p>	<p>Nationalism in India</p> <p>https://diksha.gov.in/play/content/do_312795738201382912112087 https://www.youtube.com/watch?v=0xU92TTkHpc (NCERT Official)</p> <p>Suggestive Activities</p> <p>Class-10 – Kendriya Vidyalaya No.2 Jaipur(Online Study Material) (wordpress.com)</p> <p>Map Activity-Indian National Congress Sessions , Important Centres of Indian National Movement</p> <p>Prepare a time line specifying the major events of Indian National Struggle.</p> <p>Write a poem on Jallianwala incident.</p> <p>List down the factors that created a sense of collective belonging among Indians.</p> <p>Agriculture</p> <p>https://diksha.gov.in/play/content/do_312795737873481728110825</p> <p>Suggestive Activities</p> <p>Class-10 – Kendriya Vidyalaya No.2 Jaipur(Online Study Material) (wordpress.com)</p> <p>Map Activity-Important areas of major crops grown in India.</p> <p>Prepare a table furnishing the climatic and soil requirements of the major food and cash crops of India.</p> <p>Prepare a list of institutional and technological reforms which improved agricultural production in India</p> <p>Quiz/Worksheet-MCQ</p> <p>Minerals and Energy Resources</p> <p>https://diksha.gov.in/play/content/do_312795737892405248112057</p>	Monthly Test
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				<p>Suggestive Activities</p> <p>Collection of newspaper articles on Energy Crisis and methods to tackle it.</p> <p>Map Activity-Locate /identify the important Nuclear and Thermal power stations in India.</p> <p>Prepare a flow chart on types of Minerals</p> <p>Political Parties</p> <p>https://diksha.gov.in/play/content/do_312795738551951360110840</p> <p>Suggestive Activities</p> <p>Role play on the ideologies, and features of the National political parties of India.</p> <p>Prepare a list of the functions of political parties</p> <p>Suggest five ways to reform political parties</p> <p>Quiz</p>	
5	September	22	<p>The Making of a Global World</p> <p>outcomes of Democracy</p> <p>Manufacturing Industries</p>	<p>The Making of a Global World</p> <p>https://diksha.gov.in/play/content/do_312795738235682816112090 -</p> <p>Suggestive Activities</p> <p>Class-10 – Kendriya Vidyalaya No.2 Jaipur(Online Study Material) (wordpress.com)</p> <p>Prepare a short note on Bretton Woods Institutions</p> <p>Find out five differences between ancient globalisation and neo globalisation</p> <p>Role play- “A merchant at an English village during Proto Industrialisation period”</p> <p>Worksheet -MCQ</p> <p>Outcomes of Democracy</p> <p>https://diksha.gov.in/play/content/do_312795738559021056110841</p>	<p>Periodic Test:</p> <p>2</p> <p>[HALF YEARLY]</p>

				<p>Suggestive Activities</p> <p>Analyze any two cartoons given in the lesson or prepare a cartoon on any of the outcomes of democracy and collect the different interpretations</p> <p>Debate on the topic –Democracy is the most accountable form of government</p> <p>Manufacturing Industries</p> <p>Chapter 6 Manufacturing Industries.pptx - Google Drive</p> <p>Suggestive Activities</p> <p>Map Activity-Locating and Labelling the major industries and industrial areas in India.</p> <p>Group Discussion on Industrial pollution and solutions.</p> <p>Worksheet -MCQ</p>	
6	October	16	<p>Money and Credit</p> <p>The Age of Industrialization</p> <p>Globalisation And The Indian Economy</p>	<p>Money and Credit</p> <p>https://diksha.gov.in/play/content/do_312795738332872704112096</p> <p>Suggestive Activities</p> <p>Class-10 – Kendriya Vidyalaya No.2 Jaipur(Online Study Material) (wordpress.com)</p> <p>Role play on Barter system and Double coincidence of wants</p> <p>Prepare a list of the functions of the Reserve Bank of India.</p> <p>Prepare a flow chart on Modern forms of Money</p> <p>The Age of Industrialization</p> <p>https://diksha.gov.in/play/content/do_312795738244481024112091</p> <p>Suggestive Activities</p>	Monthly Test

			<p>Class-10 – Kendriya Vidyalaya No.2 Jaipur(Online Study Material) (wordpress.com)</p> <p>Quiz</p> <p>Prepare a short essay comparing the growth of London and Bombay as industrial cities.</p> <p>Role play-“Women attacked Spinning Jenny”</p> <p>Globalisation And The Indian Economy</p> <p>https://diksha.gov.in/play/content/do_312795738344726528112097</p> <p>Suggestive Activities</p> <p>Case study on Labour (Social issue)-Type of employment, working conditions, wage, job security etc.</p> <p>List down the positive and negative impacts of globalisation</p> <p>Prepare a script of the conversation between two farmers regarding the effects of Globalisation on Agriculture</p> <p>Write a short note on WTO</p>		
7	November	22	<p>Print Culture and the Modern World</p> <p>Lifelines of National Economy</p> <p>PROJECT WORK: Consumer Awareness/Social Issues/Sustainable Development</p>	<p>Print Culture and the Modern World</p> <p>https://diksha.gov.in/play/content/do_312795738253434880112092</p> <p>Suggestive Activities</p> <p>Class-10 – Kendriya Vidyalaya No.2 Jaipur(Online Study Material) (wordpress.com)</p> <p>Quiz/Worksheet-MCQ</p> <p>Prepare a time line /time chart depicting the evolution and growth of printing technology</p> <p>Prepare a sketch of the woodblock printing</p>	Pre-board:1

				<p style="text-align: center;">Lifelines of National Economy</p> <p style="text-align: center;">CH7 Geo Lifelines of National Economy - Google Drive</p> <p style="text-align: center;">Suggestive Activities</p> <p style="text-align: center;">Class-10 – Kendriya Vidyalaya No.2 Jaipur(Online Study Material) (wordpress.com)</p> <p style="text-align: center;">Map Activity-Locate the Super Highways, major Air ports and Sea Ports of India Prepare a table furnishing the details of various features of the Sea ports in India.</p> <p style="text-align: center;">Quiz/Worksheet-MCQ</p>	
8	December	18	➤ Revision	<ul style="list-style-type: none"> ➤ https://diksha.gov.in/play/content/do_31257981237297152029139 ➤ Revision of important lessons and concepts ➤ Practicing Sample Question papers ➤ Practicing HOT Questions ➤ Map Reading Drills ➤ Practicing case study and Source based questions 	Pre-board:2
9	January 2025	24	Revision and Pre-board		Slip tests
10	February	22	Revision		BOARD EXAM
11	March		BOARD EXAMINATION		

Sl. No.	Month	No of Working Days	Name of the Chapter/Topic to be covered	Teaching Aids/E-content/innovative practices	Test/examination to be conducted
1	April and May 2024	20	Part A - Employability Skills:		https://cbseacademic.nic.in/web_material/Curriculum20/publication/secondary/employability-X.pdf
Communication Skills: Methods of communication, Verbal communication, Non-verbal communication, Communication Cycle and Importance of feedback, Barriers of effective communication, Writing Skills – Part of Speech, Writing Skills – Sentences			Employability_Skills10.pdf (cbseacademic.nic.in)		
Part B – Subject Specific Skills					
Unit 1: Introduction to AI- Foundational Concepts of AI					
			What is intelligence?, Decision Making, What is Artificial Intelligence and what is not?	Class10_Facilitator_Handbook.pdf (cbseacademic.nic.in)	

2	June	8	<p align="center">Basics of AI: Let's Get started</p> <p>Introduction to AI and related terminologies, Introducing AI, ML, & DL, Introduction to AI Domains (Data, CV & NLP), Gamified tools for each domain, Applications of AI, AI ethics</p>	<p align="center">Class10 Facilitator Handbook.pdf (cbseacademic.nic.in)</p>	--
3	July	25	<p align="center">Unit 2 : AI Project Cycle</p> <p>Introduction: Introduction to AI Project Cycle, Problem Scoping Understanding problem scoping and Sustainable Development Goal, Data Acquisition, Simplifying data acquisition, Data Exploration, Visualizing Data, Modelling, Introduction to modelling, Introduction to Rule Based & Learning Based AI Approaches, Introduction to Supervised, Unsupervised &</p>	<p align="center">Class10 Facilitator Handbook.pdf (cbseacademic.nic.in)</p>	<p align="center">Periodic Test I</p> <p align="center">https://cbseacademic.nic.in/web_material/Curriculum20/Q_ClassX_AI_Ch1.pdf</p> <p align="center">https://cbseacademic.nic.in/web_material/Curriculum20/Q_ClassX_AI_Ch2.</p> <p align="center">https://cbseacademic.nic.in/web_material/Curriculum20/Q_ClassX_AI_Ch3.pdf</p>

			Reinforcement Learning Models, Neural Networks,		
			Part A - Employability Skills		
			Unit 2: Self-management Skills - Stress Management, Self-awareness — Strength and Weakness Analysis, Self-motivation, Self-regulation — Goal Setting and Time Management	Employability_Skills10.pdf (cbseacademic.nic.in)	
4			Part B – Subject Specific Skills		
			Unit 3 – Advance Python (To be assessed through practicals)		
			Jupyter Notebook, Introduction to Python, Python Basics	kecs105.pdf (ncert.nic.in)	https://cbseacademic.nic.in/web_material/Curriculum20/Q_ClassX_AI_Ch1.pdf
			Unit 4 Data Sciences (Theory)- Introduction to Data Science, Applications of Data Science, Revisiting AI Project Cycle, Data Collection, Data Access		https://cbseacademic.nic.in/web_material/Curriculum20/Q_ClassX_AI_Ch3.pdf
			Python Packages(Practical) - Python data Sciences (Numpy,	kecs105.pdf (ncert.nic.in)	https://cbseacademic.nic.in/web_material/Curriculum23/SQP_MS_X/419_DataScience_SQP.pdf
	August	24			https://cbseacademic.nic.in/web_material/Curriculum20/publication/secondary/employability-X.pdf

			Pandas, Matplotlib), Statistics Learning & Data Visualization (Statistics and Standard Deviation)		
			Part A : Employability Skills - ICT Skills		
			Basic Computer Operations, Performing Basic File Operations, Computer Care and Maintenance, Computer Security and Privacy	Employability_Skills10.pdf (cbseacademic.nic.in)	
5	September	22	Part B – Subject Specific Skills Unit 5 – Computer Vision (Theory) - Introduction to Computer Vision, Applications of CV, Understanding CV Concepts (Computer Vision Tasks, Basics of Images-Pixel, Resolution, Pixel value, Grayscale and RGB images)	Class10_Facilitator_Handb ook.pdf (cbseacademic.nic.in)	PT-2 AI Project Cycle, Advance Python, Data Science, Self Management Skills. (Theory), Computer Vision (Theory)
			Open CV (Practical) - Introduction to Open CV, Image Processing		
			Part A – Employability Skills : Entrepreneurial Skills		

			Entrepreneurship and Society, Qualities and Functions of an Entrepreneur	Employability_Skills10.pdf (cbseacademic.nic.in)	
			Myths about Entrepreneurship, Entrepreneurship as a Career Option	Employability_Skills10.pdf (cbseacademic.nic.in)	
6	October	16	Part B Subject Specific Skills : Unit 6 Natural Language Processing		<p style="text-align: center;">Monthly Test Computer Vision (Theory), Part A – Employability Skills : Entrepreneurial Skills</p> <p style="text-align: center;">https://cbseacademic.nic.in/web_material/Curriculum20/publication/secondary/employability-X.pdf</p>
			Introduction to Natural Language Processing, NLP Applications, Revisiting AI project cycle, Introduction to Chatbots, Human Language VS Computer Language, Text Processing, Data Processing, Bag of Words	Class10_Facilitator_Handbook.pdf (cbseacademic.nic.in)	
7	November	22	Part A : Employability Skills - Unit 5 Green Skills		1 PRE BOARD Complete Syllabus
			Sustainable Development, Our Role in Sustainable Development	Employability_Skills10.pdf (cbseacademic.nic.in)	
			Part B: Subject Specific Skills		
			Unit 7 Evaluation		

			Introduction to model evaluation	Class10 Facilitator Handbook.pdf (cbseacademic.nic.in)	
			Confusion Matrix	Class10 Facilitator Handbook.pdf (cbseacademic.nic.in)	
			Understanding Accuracy, Precision, Recall & F1 Score	Class10 Facilitator Handbook.pdf (cbseacademic.nic.in)	
8	December	18	Revision & Doubt Sessions		II PRE BOARD
9	January 2025	24	Revision & Doubt Sessions		
10	FEBRUARY	22			Session Ending Exam
11	MARCH				CBSE exam



CLASS XI

$$\lim_{x \rightarrow 0} \frac{1 - \sqrt{\cos x}}{x(1 - \cos \sqrt{x})} \cdot \frac{1}{1 + \sqrt{\cos x}}$$

$$f(x, y) = \frac{x^2 + y^2}{x^2 + y^2 + 1} \quad 0 \leq y \leq 1$$

$f(0, 0) = 0$

$$\frac{2x+1}{3x-5} > 1$$



CLASS XI

SUBJECT- ENGLISH CORE (301)

Sl. No.	Month	No of Working Days	Name of the Chapter/Topic to be covered	Teaching Aids/E-content/ innovative practices	Test/examination to be conducted
1	JUNE 2024	8	Introduction & Bridging Syllabus/Curriculum Question Paper Pattern	https://ncert.nic.in/pdf/AAC_HigherSecondary_eng.pdf	
2	JULY 2024	25	Hornbill-1.The Portrait Of A Lady Hornbill-1. A Photograph Snapshots-1. The Summer Of The Beautiful White Horse Classified Advertisements Note Making & Summary Tenses Comprehension (Reading) ASL	https://diksha.gov.in/play/content/do_31254927155737395219762?referrer=utm_source%3Dmobile%26utm_campaign%3Dshare_content	Article on ‘The importance of emotional support for the elderly’ A photograph is a poem that portrays time and timelessness. Elucidate. Jokes and pranks add flavour to life. But if they are at somebody else’s expense, they leave a bitter taste. Elucidate.
3	AUG 2024	24	Hornbill-2. We're Not Afraid To Die...If We Can Be Together Hornbill-2.The Laburnum Top Snapshots-2.The Address Posters Clauses Speech Reading Comprehension Practice	Movie: All is Lost https://jwa.org/encyclopedia/article/minco-marga https://www.dutchnews.nl/news/2018/12/bitter-herb-author-98-earns-prestigious-literary-prize/	50 years have passed since Suzanne's family took the adventurous journey. Suzanne has grown into a beautiful and brave lady. She is invited as the chief guest to address the participants of the Golden Global Race. On her behalf, write a speech retelling the experience as a saga of optimism, bravery, and teamwork. Panel Discussion-"No one wins in a war" based on ‘The Address’ PERIODIC TEST 1 (SYLLABUS TILL

					jULY 31 2024)
4	SEP 2024	22	Hornbill3. Discovering Tut.... The Saga Continues Hornbill-3.The Voice of the Rain Snapshots-3.Mother's Day Transformation of Sentences Debate	https://youtu.be/wtNodW1vFg0?si=8g77qOqLr69aUvV7 https://youtu.be/-obKX-mqjXQ?si=8_iixB9hU0WJTbl	Debate for/ against the motion - Tutankhamun does not deserve this 21st-century desecration.(The materialistic attitude of a man does not allow even the dead to sleep in peace)
5	OCT 2024	16	Hornbill-4.The Adventure Hornbill-4. Childhood Snapshots-4. Birth Reading Comprehension Practice Writing Tasks Practice Listening And Speaking Activities Reordering Of Sentences	https://www.thenational.scot/news/18982685.aj-cronin-doctor-turned-novelist-whose-heart-always-remained-scotland/ https://learnenglish.britishcouncil.org/skills/listening	Puppetry/Shadow puppetry - Battle of Panipat. Paper presentation on Multiverse/Parallel World.
6	NOV 2024	22	Hornbill-5.Silk Road Hornbill-5. Father To Son Writing Tasks Practice Reading Comprehension Practice Grammar Practice		HY Exam (Syllabus up to Oct 2024) As Nick Middleton , write a diary entry about his latest journey to Mount Kailash
7	DEC 2024	18	Snapshots-5.The Tale Of Melon City Reading Comprehension Practice Writing Tasks Practice Listening and Speaking Activities	Art Integrated activities ROLE-PLAY- as various characters interact with each other/as authors/poets/dramatists defend their works and characters Create graphic novels out of the stories	Symposiums and seminars for introducing a book, an author, or a theme

			Grammar Practice Project Submission	Dramatise incidents from the Texts Create own stories	
8	JAN 2025	24	Project & Viva		PT-II syllabus till Dec 2024
9	FEB 2025	22	REVISION For SEE 2024		
10	MAR 2025		Session Ending Exam		SEE

Reference Materials

<https://epathshala.nic.in/wp-content/doc/book/flipbook/flipbook.htm?kehbl=1-1>

<https://epathshala.nic.in/wp-content/doc/book/flipbook/flipbook.htm?kespl=1-1>

Hornbill

<https://ciet.nic.in/pages.php?id=hornbill&ln=en>

HORNBILL

https://youtube.com/playlist?list=PLUgLcpnv1YifTRV1E8Zp9P_tqD6c4dmII

Alternative academic calendar

https://ncert.nic.in/pdf/AAC_HigherSecondary_eng.pdf

क्र. स.	महीना	कार्य दिवसों की संख्या	पाठ्यपुस्तक/पाठ का नाम आरोह भाग-1, वितान भाग-1, अभिव्यक्ति और माध्यम तथा रचनात्मक लेखन	शिक्षण सामग्री/ई –सामग्री/ नवीन दृष्टिकोण/ नवाचार	परीक्षा/ मूल्यांकन
1	जून 2024	8	कबीर – पहला पद मीरा – पहला पद अभिव्यक्ति और माध्यम पाठ 1 जनसंचार माध्यम और लेखन पाठ 2, पत्रकारिता के विविध आयाम	कबीर https://diksha.gov.in/play/content/do_31309380227249766411616 https://diksha.gov.in/play/content/do_31309379730315673611614 (MCQ) मीरा बाई https://diksha.gov.in/play/content/do_31309234211662233611177	कक्षा परीक्षा
2	जुलाई	25	नमक का दारोगा – प्रेमचंद मियां नसीरुद्दीन, कृष्णा सोबती भारतीय गायिकाओं में बेजोड़ :लता मंगेशकर-	नमक का दारोगा https://www.youtube.com/watch?v=5euN-0UcW64 https://www.youtube.com/watch?v=cmdTY0NXPYQ https://diksha.gov.in/play/content/do_31307655064717721617315 (Short Answers) https://diksha.gov.in/play/content/do_313076549606514688111569 (MCQ) मियाँ नसीरुद्दीन https://diksha.gov.in/play/content/do_313076563927736320110843	बहु विकल्पी कार्य पत्रक द्वारा मूल्यांकन

			कुमार गन्धर्व औपचारिक पत्र लेखन	लता मंगेशकर https://diksha.gov.in/play/content/do_31310660983349248013337 (MCQ)	
3	अगस्त	24	डायरी लेखन कथा पटकथा लेखन स्ववृत्त लेखन अपू के साथ ढाई साल- सत्यजित रे विदाई संभाषण- बालमुकुन्द गुप्त गलता लोहा – शेखर जोशी	(प्रथम आवधिक परीक्षा प्रथम सप्ताह) डायरी लेखन की कला https://diksha.gov.in/play/content/do_31310855935768166413654 अपू के साथ ढाई साल https://diksha.gov.in/play/content/do_313082938856177664151 विदाई संभाषण https://diksha.gov.in/play/content/do_313082938522697728177	प्रथम आवधिक परीक्षा प्रथम सप्ताह
4	सितंबर	22	घर की याद- भवानी प्रसाद मिश्र चंपा काले – काले अच्छर नहीं चीन्हती- त्रिलोचन अपठित गद्यांश (अभ्यास) अपठित पद्यांश (अभ्यास)	घर की याद https://diksha.gov.in/play/content/do_3130993808239984641595 चंपा काले कालेअच्छर नहीं चीन्हती https://diksha.gov.in/play/content/do_31309459026537676811959	कक्षा परीक्षा
5	अक्टूबर	16	गज़ल- दुष्यंत कुमार राजस्थान की रजत	गज़ल https://diksha.gov.in/play/content/do_3131023962281410561787	मौखिक परीक्षा

			बूँदें- अनुपम मिश्र रोजगार सम्बन्धी आवेदन पत्र	https://diksha.gov.in/play/content/do_3131023960852234241727(MCQ) राजस्थान की रजत बूँदें https://diksha.gov.in/play/content/do_3131001115218001921260	
6	नवंबर	22	हिंदी शब्द कोश सन्दर्भ ग्रंथों की उपयोगिता एवं परिचय	(अर्ध वार्षिक परीक्षा प्रथम या द्वितीय सप्ताह में) कोश – एक परिचय https://diksha.gov.in/play/content/do_3131001153861468161254	(अर्ध वार्षिक परीक्षा प्रथम या द्वितीय सप्ताह में)
7	दिसंबर	18	रजनी –मन्नू भंडारी जामुन का पेड़- कृश्चंदर हे भूख मत मचल ,हे मेरे जूही के फूल जैसे ईश्वर –अक्क महादेवी अवतार सिंह पाश - सबसे खतरनाक	रजनी https://diksha.gov.in/play/content/do_31308960073273344011089 (Long Answers) https://diksha.gov.in/play/content/do_31308960057629900811088 (Short Answers) जामुन का पेड़ https://diksha.gov.in/play/content/do_31308812117007564813259 अक्कमहादेवी – हे भूख मत मचल https://diksha.gov.in/play/content/do_3130957099528028161797 अक्क महादेवी – हे मेरे जूही के फूल https://diksha.gov.in/play/content/do_3130957103470100481798	गूगल फॉर्म प्रश्नोत्तरी द्वारा मूल्यांकन
8	जनवरी	24	आलो आंधारि-बेबी हालदार आओ मिलकर बचाएं-	द्वितीय आवधिक परीक्षा द्वितीय सप्ताह में) आलोआँधारि https://diksha.gov.in/play/content/do_3131001132961464321277	द्वितीय आवधिक परीक्षा

			निर्मला पुतुल भारत माता – जवाहर लाल नेहरु	भारत माता https://diksha.gov.in/play/content/do_3130924238908047361856 https://diksha.gov.in/play/content/do_31309241928455782411009 (MCQ)	द्वितीय सप्ताह में)
9	फरवरी	22	सीबीएसई के दिशा निर्देशों के अनुरूप परियोजना कार्य पुनरावृत्ति कार्य		श्रवण तथा वचन मूल्यांकन परियोजना कार्य मूल्यांकन
10	मार्च		पुनरावृत्ति कार्य	पुनरावृत्ति कार्य	सत्रांत परीक्षा

Useful E-resources

आरोह भाग-1 on DIKSHA.	https://diksha.gov.in/play/collection/do_31310347526058803211066?referrer=utm_source%3Dmobile%26utm_campaign%3Dshare_content
AudioBooks आरोह भाग 1	https://ciet.nic.in/pages.php?id=aarohxi&ln=en
Audio Books वितान भाग 1	https://ciet.nic.in/pages.php?id=vitaan-i&ln=en
Alternative calendar	https://ncert.nic.in/pdf/AAC_HigherSecondary_Hin.pdf
Akhbaro Ki Duniya	https://youtu.be/4Rna7zR3K1g

CLASS XI
SUBJECT- MATHEMATICS (041)

Sl. No	Month	No. of working days	Name of the Chapter/Topic to be covered	Teaching aids/E-content /Innovative practices to be adopted.	Test / Examination to be conducted
1	June 2024	8	Sets	Venn Diagrams, Charts https://diksha.gov.in/play/collection/do_31310347527264665611070?contentId=do_31316940055008051211386 https://ncert.nic.in/pdf/publication/exemplarproblem/classXI/mathematics/keep201.pdf	Class Test
1	July 2024	25	Sets (contd) Relation and Function Trigonometric Function	A Visual Aid and graphs etc https://diksha.gov.in/play/collection/do_31310347527264665611070?contentId=do_31316940055008051211386 https://ncert.nic.in/pdf/publication/exemplarproblem/classXI/mathematics/keep202.pdf https://ncert.nic.in/pdf/publication/exemplarproblem/classXI/mathematics/keep203.pdf	Class Test
2	August 2024	24	Trigonometric Function (contd) Complex Numbers & Quadratic Equations Linear Inequalities	A Visual Aid and graphs etc Dice, cards and counters and spinners etc. https://ncert.nic.in/pdf/publication/exemplarproblem/classXI/mathematics/keep205.pdf https://ncert.nic.in/pdf/publication/exemplarproblem/classXI/mathematics/keep206.pdf https://ncert.nic.in/pdf/publication/exemplarproblem/classXI/mathematics/keep207.pdf	Periodic Test - 1
3	September 2024	22	Permutations and Combination Binomial Theorem Sequence and Series	Identities, Algebraic charts/ formulae https://ncert.nic.in/pdf/publication/exemplarproblem/classXI/mathematics/keep208.pdf https://diksha.gov.in/play/collection/do_31310347527264665611070?contentId=do_31316940055008051211386	Class Test
4	October 2024	16	Sequence and Series(cond) Straight Lines Conic Sections	Worksheet prepare by Teacher, Basic formulae etc https://ncert.nic.in/pdf/publication/exemplarproblem/classXI/mathematics/keep209.pdf https://ncert.nic.in/pdf/publication/exemplarproblem/classXI/mathematics/keep210.pdf	Class Test
5	November 2024	22	Conic Sections(contd)	Worksheet prepare by Teacher, Basic formulae etc	Half Yearly Exam

			Three Dimensional Geometry	https://diksha.gov.in/play/collection/do_31310347527264665611070?contentId=do_31316940055008051211386 https://ncert.nic.in/pdf/publication/exemplarproblem/classXI/mathematics/keep211.pdf https://ncert.nic.in/pdf/publication/exemplarproblem/classXI/mathematics/keep212.pdf	
6	December 2024	18	Limits and Derivatives	Limits formulae sheet , charts, graphs etc https://ncert.nic.in/pdf/publication/exemplarproblem/classXI/mathematics/keep213.pdf https://diksha.gov.in/play/collection/do_31310347527264665611070?contentId=do_31316940055008051211386	Class Test
7	January 2025	24	Statistics Probability	Images , Videos , Blocks Handmade graphs etc https://diksha.gov.in/play/collection/do_31310347527264665611070?contentId=do_31316940055008051211386 https://ncert.nic.in/pdf/publication/exemplarproblem/classXI/mathematics/keep215.pdf	Periodic Test-II
8	February 2025	22	Probability(contd) Revision	Dice, cards coins etc https://diksha.gov.in/play/collection/do_31310347527264665611070?contentId=do_31316940055008051211386 https://ncert.nic.in/pdf/publication/exemplarproblem/classXI/mathematics/keep216.pdf	Revision
9	March 2025				Session Ending Exam

Sl. No.	Month	working days	Name of the Chapter/ Topic to be covered	Teaching aids/E-content /Innovative practices to be adopted	Test /Examination to be conducted
1	June	8	UNIT -1 Physical world (08 periods) Chapter- 2 Unit and measurement Section-A <ul style="list-style-type: none"> Experiment - 1 	Paper scale of given least count	
2	July	25	UNIT-2 - Kinematics (24 periods) Chapter- 3 Motion in straight line Chapter- 4 Motion in a plane Section-A <ul style="list-style-type: none"> Experiment – 2 Experiment – 3 Activity -1 	Projectile motion apparatus, activities of laws of motion. https://diksha.gov.in/play/content/do_4313342804772454400116697?referrer=utm_source%3Dmobile%26utm_campaign%3Dshare_content	
3	August	24	UNIT- 3 – Laws of motion (14 periods) Chapter- 5 Laws of motion UNIT- 4 Work, energy and power (14 periods) Chapter- 6 Work, energy and power Section-A <ul style="list-style-type: none"> Experiment – 4 Activity- – 3 	https://diksha.gov.in/play/content/do_4313371680169713664178?referrer=utm_source%3Dmobile%26utm_campaign%3Dshare_content https://diksha.gov.in/play/content/do_4313371680169771008182?referrer=utm_source%3Dmobile%26utm_campaign%3Dshare_content	PERIODIC TEST-1
4	September	22	UNIT- 5 System of particles and rotational motion (18 periods) Chapter- 7 System of particles and rotational motion UNIT- 6 – Gravitation (12 periods)	https://diksha.gov.in/play/content/do_43134013401656197121714?referrer=utm_source%3Dmobile%26utm_campaign%3Dshare_content	

			Chapter- 8 Gravitation..... Section-B <ul style="list-style-type: none"> • Experiment – 1 • Experiment – 2 • Activity – 1 	https://diksha.gov.in/play/content/do_43134013401643827201690?referrer=utm_source%3Dmobile%26utm_campaign%3Dshare_content Activities of torque	
5	October	16	Cont... Gravitation UNIT- 7 Properties of bulk matter (Total 24 periods) Chapter- 9 Mechanical properties of solids Section-B <ul style="list-style-type: none"> • Experiment – 3 • Activity – 2 	https://diksha.gov.in/play/content/do_431345096285351936011421?referrer=utm_source%3Dmobile%26utm_campaign%3Dshare_content Spring constant	Investigatory project to be allotted to students.
6	November	22	Chapter- 10 Mechanical properties of fluids Chapter- 11 Thermal properties of matter Section-B <ul style="list-style-type: none"> • Experiment – 4 	https://diksha.gov.in/play/content/do_43134013407660195841944?referrer=utm_source%3Dmobile%26utm_campaign%3Dshare_content Capillarity action	HALF YEARLY EXAM (Upto October portions)
7	December	18	Chapter- 11 Thermal properties of matter (contd.,) UNIT- 8 – Thermodynamics (12 periods) Chapter- 12 Thermodynamics Section-B <ul style="list-style-type: none"> • Activity - 3 	https://diksha.gov.in/play/content/do_431344473924997120012955?referrer=utm_source%3Dmobile%26utm_campaign%3Dshare_content https://diksha.gov.in/play/content/do_43134312734382899201513?referrer=utm_source%3Dmobile%26utm_campaign%3Dshare_content Effect of heating of bi-metallic strip	
8	January	24	UNIT- 9 – Behaviour of perfect gases and kinetic theory of gases (08 periods) Chapter- 13	https://diksha.gov.in/play/content/do_43134312734384373761527?referrer=utm_source%3Dmobile%26utm_campaign%3Dshare_content	PERIODIC TESTT-2

			<p>Kinetic theory of gases</p> <p>UNIT- 10 - Oscillations and waves (26 periods)</p> <p>Chapter- 14 Oscillations</p>	<p>https://phet.colorado.edu/sims/html/pendulum-lab/latest/pendulum-lab_en.html</p> <p>Simple pendulum</p>	
9	February	22	<p>Chapter- 15 Waves</p> <p>REVISION</p>	<p>https://diksha.gov.in/play/content/do_43134312734389534721549?referrer=utm_source%3Dmobile%26utm_campaign%3Dshare_content</p> <p>https://phet.colorado.edu/en/simulations/wave-on-a-string</p> <p>Resonance tube</p>	Session Ending practical examination.
10	March				Session Ending Exam

Sl. No.	Month	No. of working days	Name of the Chapter/Topic to be covered	Teaching aids/E-content / Innovative practices to be adopted	Test /Examination to be conducted
1	June 2024	8	1. Some basic concepts of Chemistry: (7 Marks) General Introduction: Importance and scope of Chemistry Nature of matter, laws of chemical combination, Dalton's atomic theory: concept of elements, atoms and molecules. Atomic and molecular masses, mole concept and molar mass, percentage composition, empirical and molecular formula, chemical reactions, stoichiometry and calculations based on stoichiometry.	<p>1. https://diksha.gov.in/play/collection/do_31343206741537587211112?contentId=do_31308511749356748811216</p> <p>2. https://diksha.gov.in/play/collection/do_31343206741537587211112?contentId=do_31308512522313728011221</p> <p>Link for Slip test (sample) https://docs.google.com/forms/d/e/1FAIpQLSft-bevgwHyzXIL91baymn4BwUOMno9Yhfh8R1tXg2u8shIDQ/viewform?usp=sf_link</p>	Slip test
2	July 2024	25	2. Structure of Atom (9 marks) Discovery of Electron, Proton and Neutron, atomic number, isotopes and isobars. Thomson's model and its limitations. Rutherford's model and its limitations, Bohr's model and its limitations, concept of shells and subshells, dual nature of matter and light, de Broglie's relationship, Heisenberg uncertainty principle, concept of orbitals, quantum numbers, shapes of s, p and d orbitals, rules for filling electrons in orbitals - Aufbau principle, Pauli's exclusion principle and Hund's rule, electronic configuration of atoms, stability of half-filled and completely filled orbitals PRACTICAL Basic Laboratory Techniques	<p>1. https://diksha.gov.in/play/collection/do_31343206741537587211112?contentId=do_31308790565829836813140</p> <p>2. https://diksha.gov.in/play/collection/do_31343206741537587211112?contentId=do_31308791960796364812305</p> <p>3. https://diksha.gov.in/play/collection/do_31343206741537587211112?contentId=do_3130879234472263681357</p> <p>4. https://diksha.gov.in/play/collection/do_31343206741537587211112?contentId=do_31315878899585024011176</p> <p>5. https://diksha.gov.in/play/collection/do_31343206741537587211112?contentId=do_31315879214627225611895</p> <p>Link for Slip test (sample) https://docs.google.com/forms/d/e/1FAIpQLSdQiSoxBjF0XdaFRcxDg7o8ywix8hkYbqqOYgSTGUuLZuWR8w/viewform?usp=sf_link</p>	Slip test/monthly test

3	August 2024	24	<p>3. Classification of Elements and Periodicity in Properties (6 marks) Significance of classification, brief history of the development of periodic table. Modern periodic law and the present form of periodic table, periodic trends in properties of elements - atomic radii, ionic radii, inert gas radii, Ionization enthalpy, electron gain enthalpy, electronegativity, valency. Nomenclature of elements with atomic number greater than 100</p> <p>PRACTICAL</p> <p>Quantitative Estimation</p>	<p>1.https://diksha.gov.in/play/collection/do_31343206741537587211112?contentId=do_3130907093605826561465</p> <p>2.https://diksha.gov.in/play/collection/do_31343206741537587211112?contentId=do_3130907116611092481415</p> <p>3.https://diksha.gov.in/play/collection/do_31343206741537587211112?contentId=do_3130907149896417281423</p> <p>4.https://diksha.gov.in/play/collection/do_31343206741537587211112?contentId=do_3130907173966315521467</p>	PERIODIC TEST-1
4	September 2024	22	<p>4. Chemical Bonding and Molecular Structure (7 marks) Valence electrons, ionic bond, covalent bond, bond parameters, Lewis structure, polar character of covalent bond, covalent character of ionic bond, valence bond theory, resonance, geometry of covalent molecules, VSEPR theory, concept of hybridization, involving s, p and d orbitals and shapes of some simple molecules.</p> <p>5. Chemical Thermodynamics (9 marks) Concepts of System and types of systems, surroundings, work, heat, energy, extensive and intensive properties, state functions. First law of thermodynamics -internal energy and enthalpy, heat capacity and specific heat, measurement of ΔU and ΔH, Hess's law of constant heat summation, enthalpy of bond dissociation, combustion, formation, atomization, sublimation, phase transition, ionization, solution and dilution. Second law of Thermodynamics (brief</p>	<p>1.https://diksha.gov.in/play/collection/do_31343206741537587211112?contentId=do_3130921992839823361956</p> <p>2.https://diksha.gov.in/play/collection/do_31343206741537587211112?contentId=do_3130922019188244481644</p> <p>3.https://diksha.gov.in/play/collection/do_31343206741537587211112?contentId=do_3130922044636610561645</p> <p>4.https://diksha.gov.in/play/collection/do_31343206741537587211112?contentId=do_3130922073003704321996</p> <p>5.https://diksha.gov.in/play/collection/do_31343206741537587211112?contentId=do_3130922099511705601997</p> <p>6.https://diksha.gov.in/play/collection/do_31343206741537587211112?contentId=do_31309221452397772811164</p> <p>Chemical Thermodynamics</p> <p>1.https://diksha.gov.in/play/collection/do_31343206741537587211112?contentId=do_3131006264192286721676</p>	Monthly test

			<p>introduction) Introduction of entropy as a state function, Gibb's energy change for spontaneous and nonspontaneous processes, criteria for equilibrium. Third law of thermodynamics (brief introduction)</p> <p>PRACTICAL Quantitative Estimation</p>	<p>2.https://diksha.gov.in/play/collection/do_31343206741537587211112?contentId=do_3131006278968934401647</p> <p>3.https://diksha.gov.in/play/collection/do_31343206741537587211112?contentId=do_3131006296365137921648</p> <p>4.https://diksha.gov.in/play/collection/do_31343206741537587211112?contentId=do_3131006311874969601488</p> <p>5.https://diksha.gov.in/play/collection/do_31343206741537587211112?contentId=do_3131006328165908481486</p> <p>6.https://diksha.gov.in/play/collection/do_31343206741537587211112?contentId=do_3131006343161528321487</p>	
5	October 2024	16	<p>6. Equilibrium (Physical) (7 marks) Equilibrium in physical and chemical processes, dynamic nature of equilibrium, law of mass action, equilibrium constant, Factors affecting equilibrium- Le Chatelier's principle, ionic equilibrium- ionization of acids and bases, strong and weak electrolytes, degree of ionization, ionization of poly basic acids, acid strength, concept of pH, Henderson Equation, hydrolysis of salts. (Elementary idea),</p> <p>REVISION PRACTICAL Experiments related to pH changes Chemical Equilibrium</p>	<p>1.https://diksha.gov.in/play/collection/do_31343206741537587211112?contentId=do_31310771067678720012548</p> <p>2.https://diksha.gov.in/play/collection/do_31343206741537587211112?contentId=do_31310771403129651213531</p> <p>3.https://diksha.gov.in/play/collection/do_31343206741537587211112?contentId=do_31310771532955648012552</p>	Slip test

6	November 2024	22	<p>6. Equilibrium (continued) Buffer solution, solubility product, common ion effect (with illustrative examples).</p> <p>7. Redox Reactions (4 marks) Concept of oxidation and reduction, redox reactions, oxidation number, balancing redox reactions, in terms of loss and gain of electrons and change in oxidation number.</p> <p>PRACTICAL Qualitative analysis</p>	<p>4.https://diksha.gov.in/play/collection/do_31343206741537587211112?contentId=do_31310771719475200014360</p> <p>5.https://diksha.gov.in/play/collection/do_31343206741537587211112?contentId=do_313155097166282752158</p> <p>6.https://diksha.gov.in/play/collection/do_31343206741537587211112?contentId=do_3131551965545267201512 Redox Reactions</p> <p>1.https://diksha.gov.in/play/collection/do_31307457366908928019242?contentId=do_3130702520829952001274</p>	HALF YEARLY
7	December 2024	18	<p>8. Organic Chemistry Some basic principles and techniques (11 marks) General introduction, methods of purification, qualitative and quantitative analysis, classification and IUPAC nomenclature of organic compounds. Electronic displacements in a covalent bond: inductive effect, Electromeric effect, resonance and hyper conjugation. Homolytic and heterolytic fission of a covalent bond: free radicals, carbocations, carbanions, electrophiles and nucleophiles, types of organic reactions.</p> <p>PRACTICAL Qualitative analysis</p>	<p>1.https://diksha.gov.in/play/collection/do_31307457366908928019242?contentId=do_3131552364074598401237</p>	Slip test
8	January 2025	24	<p>9. Hydrocarbon (Aliphatic) (10 marks) Alkanes - Nomenclature, isomerism, conformation (ethane only), physical</p>	<p>1.https://diksha.gov.in/play/collection/do_31307457366908928019242?contentId=do_31269372508618752013119</p>	PERIODIC TEST-2

			<p>properties, chemical reactions including free radical mechanism of halogenation, combustion and pyrolysis. Alkenes - Nomenclature, structure of double bond (ethene), geometrical isomerism, physical properties, methods of preparation, chemical reactions: addition of hydrogen, halogen, water, hydrogen halides (Markonikov's addition and peroxide effect), ozonolysis, oxidation, mechanism of electrophilic addition. Alkynes - Nomenclature, structure of triple bond (ethyne), physical properties, methods of preparation, chemical reactions: acidic character of alkynes, addition reaction of - hydrogen, halogens, hydrogen halides and water.</p> <p>PRACTICAL</p> <p>1.Characterisation and purification of chemical substance</p> <p>2. Project Work</p>		
9	February 2025	22	<p>9. Hydrocarbon (Aromatic) Introduction, IUPAC nomenclature, benzene: resonance, aromaticity, chemical properties: mechanism of electrophilic substitution. Nitration, sulphonation, halogenation, Friedel Craft's alkylation and acylation, directive influence of functional group in monosubstituted benzene. Carcinogenicity and toxicity.</p> <p>REVISION</p>	<p>https://diksha.gov.in/play/collection/do_31307457366908928019242?contentId=do_3131142303478824961206</p>	REVISION TEST
10	March 2025				SESSION ENDING EXAM

Sl. No.	Month	No. of working days	Name of the Chapter/Topic to be covered	Teaching aids/E-content / Innovative practices to be adopted	Test /Examination to be conducted
1	June 2024	8	<p>Unit-I Diversity of Living Organisms</p> <p>Chapter-1: The Living World Biodiversity; Need for classification; three domains of life; taxonomy and systematics; concept of species and taxonomical hierarchy; binomial nomenclature</p> <p>Chapter-2: Biological Classification Five kingdom classification; Salient features and classification of Monera, Protista and Fungi into major groups; Lichens, Viruses and Viroids.</p>	<p>Diversity in living world https://diksha.gov.in/play/content/do_431343761148983705612931</p> <p>Species, genus, class https://diksha.gov.in/play/content/do_431343761148984524812932</p> <p>two kingdom classification https://diksha.gov.in/play/content/do_431343761148986982412934</p> <p>Changes in classification https://diksha.gov.in/play/content/do_431343761149000089612945</p> <p>Summary of classification https://diksha.gov.in/play/content/do_431343761148999270412944</p> <p>five kingdom classification https://diksha.gov.in/play/content/do_431343761148987801612935</p> <p>Eubacteria https://diksha.gov.in/play/content/do_431343761148990259212937</p> <p>Protista, euglenoids https://diksha.gov.in/play/content/do_431343761148991897612938</p> <p>Fungi https://diksha.gov.in/play/content/do_431343819885888307213563</p> <p>Phycomycetes and Ascomycetes https://diksha.gov.in/play/content/do_431343761148995174412941</p> <p>Viruses https://diksha.gov.in/play/content/do_431343761148996812812942</p> <p>Viroids, prions and lichens</p>	Class Test

				https://diksha.gov.in/play/content/do_431343761148998451212943	
2	July 2024	25	<p>Chapter-3: Plant Kingdom Classification of plants into major groups; Salient and distinguishing features and a few examples of Algae, Bryophyta, Pteridophyta, Gymnospermae (Topics excluded – Angiosperms, Plant Life Cycle and Alternation of Generations)</p> <p>Chapter-4: Animal Kingdom Salient features and classification of animals, non-chordates up to phyla level and chordates up to class level (salient features and a few examples of each category). (No live animals or specimen should be displayed.)</p> <p>Unit-II: Chapter-5: Morphology of Flowering Plants Morphology of different parts of flowering plants: root, stem, leaf, inflorescence, flower, fruit and seed. Description of family Solanaceae</p>	<p>Chlorophyceae https://diksha.gov.in/play/content/do_431343761149000908812946</p> <p>Phaeophyceae https://diksha.gov.in/play/content/do_431343761149002547212947</p> <p>Liverworts, mosses https://diksha.gov.in/play/content/do_431343761149004185612949</p> <p>Pteridophytes https://diksha.gov.in/play/content/do_431343761149005004812950</p> <p>Pteridophytes-life cycle https://diksha.gov.in/play/content/do_431343761149005824012951</p> <p>Gymnosperms-1 https://diksha.gov.in/play/content/do_431343761149006643212952</p> <p>Types of life cycles https://diksha.gov.in/play/content/do_431343761149010739212956</p>	Class Test
3	August 2024	24	<p>Unit-II Structural Organization in Plants and Animals</p> <p>Chapter-6: Anatomy of Flowering Plants Anatomy and functions of tissue systems in dicots and monocots.</p>	<p>Intro to Morphology of Flowering Plant https://diksha.gov.in/play/content/do_43134014066755584001994</p> <p>Leaf Morphology https://diksha.gov.in/play/content/do_43134014066764595201996</p>	Periodic Test -1

Chapter-7: Structural Organisation in Animals
Morphology, Anatomy and functions of different systems (digestive, circulatory, respiratory, nervous and reproductive) of frog.

Unit-III Cell: Structure and Function

Chapter-8: Cell-The Unit of Life
Cell theory and cell as the basic unit of life, structure of prokaryotic and eukaryotic cells; Plant cell and animal cell; cell envelope; cell membrane, cell wall; cell organelles - structure and function; endomembrane system, endoplasmic reticulum, golgi bodies, lysosomes, vacuoles, mitochondria, ribosomes, plastids, microbodies; cytoskeleton, cilia, flagella, centrioles (ultrastructure and function); nucleus.

Stem Morphology
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Characteristics of Dicot and Monocot Stem and Root
https://diksha.gov.in/play/content/do_31315453920771276811098

Introduction to Flower
https://diksha.gov.in/play/content/do_43134014066764677121997

Fruit
https://diksha.gov.in/play/content/do_43134014066764922881999

Floral Formula
https://diksha.gov.in/play/content/do_431340140667650867211000

Inflorescence

Floral Diagram
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Introduction to The Tissue System
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Permanent Tissues
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Complex Permanent Tissues
https://diksha.gov.in/play/content/do_431340140667655782411005

Vascular Tissue System
https://diksha.gov.in/play/content/do_431340140667657420811007

Vascular Cambium
https://diksha.gov.in/play/content/do_431340140667661516811010

Anatomy of Dicotyledonous Roots
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Anatomy of Monocotyledonous Stem

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Frog 1

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Frog 2

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Introduction

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Living Cell

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Prokaryotic Cell

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Ribosomes

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Parts of cell

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Cell Wall

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Golgi Apparatus

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Mitochondria and Plastids

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Endoplasmic Reticulum

				https://diksha.gov.in/play/content/do_43133712866266562561153 Cell Membrane https://diksha.gov.in/play/content/do_43133712866266234881150 Nucleus https://diksha.gov.in/play/content/do_43133712866267136001159	
4	September 2024	22	Chapter-9: Biomolecules Chemical constituents of living cells: biomolecules, structure and function of proteins, carbohydrates, lipids, and nucleic acids; Enzyme - types, properties, enzyme action. (Topics excluded: Nature of Bond Linking Monomers in a Polymer, Dynamic State of Body Constituents – Concept of Metabolism, Metabolic Basis of Living, The Living State) Chapter-10: Cell Cycle and Cell Division Cell cycle, mitosis, meiosis and their significance	Polysaccharides https://diksha.gov.in/play/content/do_43133712866267791361165 lipids https://diksha.gov.in/play/content/do_43133712866267463681162 Metabolites https://diksha.gov.in/play/content/do_43133712866267709441164 Proteins https://diksha.gov.in/play/content/do_43133712866267873281166 Structure of Proteins https://diksha.gov.in/play/content/do_43133712866268282881167 Polynucleotide https://diksha.gov.in/play/content/do_43133712866267627521163 Enzyme Activity https://diksha.gov.in/play/content/do_43133712866269102081174 Enzyme Catalysed reactions https://diksha.gov.in/play/content/do_43133712866268938241172 Phases of Cell Cycle https://diksha.gov.in/play/content/do_43134297902481489921180 Prophase https://diksha.gov.in/play/content/do_43134297902481571841181 Telophase https://diksha.gov.in/play/content/do_43134297902481735681182	Class Test

			<p>Characteristics of Meiosis https://diksha.gov.in/play/content/do_43134297902481817601183</p> <p>Prophase II and Metaphase II https://diksha.gov.in/play/content/do_43134297902482145281185</p>		
5	October 2024	16	<p>Unit-IV Plant Physiology Chapter-13: Photosynthesis in Higher Plants Photosynthesis as a means of autotrophic nutrition; site of photosynthesis, pigments involved in photosynthesis (elementary idea); photochemical and biosynthetic phases of photosynthesis; cyclic and non-cyclic photophosphorylation; chemiosmotic hypothesis; photorespiration; C3 and C4 pathways; factors affecting photosynthesis.</p>	<p>Photosynthesis In Higher Plants https://diksha.gov.in/play/content/do_312988866800041984133</p> <p>Chloroplast and Chlorophyll Pigments https://diksha.gov.in/play/content/do_43134297902487142401208</p> <p>Light Harvesting Complex https://diksha.gov.in/play/content/do_43134297902487224321209</p> <p>Non-Cyclic Photophosphorylation https://diksha.gov.in/play/content/do_43134297902487470081211</p> <p>Photorespiration https://diksha.gov.in/play/content/do_43134297902487961601216</p> <p>C3 Cycle https://diksha.gov.in/play/content/do_43134297902487715841213</p> <p>Cycle Part II https://diksha.gov.in/play/content/do_43134297902487797761214</p> <p>Chemiosmotic Hypothesis https://diksha.gov.in/play/content/do_43134297902487633921212</p> <p>C4 Cycle https://diksha.gov.in/play/content/do_43134297902487879681215</p> <p>Factors affecting Photosynthesis https://diksha.gov.in/play/content/do_43134297902488125441217</p> <p>Processes Involved In Respiration And Photosynthesis https://diksha.gov.in/play/content/do_312988866810789888134</p>	Class Test

6	November 2024	22	<p>Chapter-14: Respiration in Plants Exchange of gases; cellular respiration - glycolysis, fermentation (anaerobic), TCA cycle and electron transport system (aerobic); energy relations - number of ATP molecules generated; amphibolic pathways; respiratory quotient.</p> <p>Chapter-15: Plant - Growth and Development Seed germination; phases of plant growth and plant growth rate; conditions of growth; differentiation, dedifferentiation and redifferentiation; sequence of developmental processes in a plant cell; plant growth regulators - auxin, gibberellin, cytokinin, ethylene, ABA.</p>	<p>Glycolysis https://diksha.gov.in/play/content/do_43134297902488289281219</p> <p>Lactic Acid Fermentation https://diksha.gov.in/play/content/do_43134297902488371201220</p> <p>Link Reaction https://diksha.gov.in/play/content/do_43134297902488453121221</p> <p>Respiratory Balance Sheet https://diksha.gov.in/play/content/do_43134297902488535041222</p> <p>Plant Growth is Measurable</p> <p>Growth Rates https://diksha.gov.in/play/content/do_43134297902488780801224</p> <p>Growth Rates https://diksha.gov.in/play/content/do_43134297902488780801224</p> <p>Dedifferentiation & Redifferentiation https://diksha.gov.in/play/content/do_43134297902488862721225</p> <p>Discovery of Plant Growth Regulators https://diksha.gov.in/play/content/do_43134297902489026561226</p> <p>Effects of Plant Growth Regulators https://diksha.gov.in/play/content/do_43134297902489272321228</p> <p>Plants Growth And Development: Plant Hormones https://diksha.gov.in/play/content/do_312988866819620864135</p>	HALF YEARLY EXAMINATION
7	December 2024	18	<p>Unit-V Human Physiology</p> <p>Chapter-17: Breathing and Exchange of Gases Respiratory organs in animals (recall only); Respiratory system in humans; mechanism of</p>	<p>Introduction & Respiratory Organs https://diksha.gov.in/play/content/do_43134307454701977601344</p> <p>Transport of Gases https://diksha.gov.in/play/content/do_43134307454702223361346</p>	Class test

			<p>breathing and its regulation in humans - exchange of gases, transport of gases and regulation of respiration, respiratory volume; disorders related to respiration - asthma, emphysema, occupational respiratory disorders.</p> <p>Chapter-18: Body Fluids and Circulation</p> <p>Composition of blood, blood groups, coagulation of blood; composition of lymph and its function;</p> <p>human circulatory system - Structure of human heart and blood vessels; cardiac cycle, cardiac output, ECG; double circulation; regulation of cardiac activity; disorders of circulatory system - hypertension, coronary artery disease, angina pectoris, heart failure.</p>	<p>Respiratory Volumes https://diksha.gov.in/play/content/do_43134307454702141441345</p> <p>Disorders of Respiratory System https://diksha.gov.in/play/content/do_43134307454702387201347</p> <p>Blood and Components of Blood https://diksha.gov.in/play/content/do_43134307454702632961349</p> <p>Blood Groups https://diksha.gov.in/play/content/do_43134307454702714881350</p> <p>Human Circulatory System https://diksha.gov.in/play/content/do_43134307454702878721352</p> <p>Cardiac Cycle https://diksha.gov.in/play/content/do_43134307454703042561353</p> <p>Introduction of Lymph https://diksha.gov.in/play/content/do_43134307454702796801351</p> <p>Double Circulation https://diksha.gov.in/play/content/do_43134307454703124481354</p>	
8	January 2025	24	<p>Chapter-19: Excretory Products and their Elimination</p> <p>Modes of excretion - ammonotelism, ureotelism, uricotelism; human excretory system – structure and function; urine formation, osmoregulation; regulation of kidney function - renin - angiotensin,</p>	<p>Introduction https://diksha.gov.in/play/content/do_43134307454703534081358</p> <p>Introduction of Excretion https://diksha.gov.in/play/content/do_43134307454703206401355</p> <p>Functional Unit of Excretory System https://diksha.gov.in/play/content/do_43134307454703288321356</p> <p>Fate of Ammonia</p>	PERIODIC TEST-2

atrial natriuretic factor, ADH and diabetes insipidus; role of other organs in excretion; disorders - uremia, renal failure, renal calculi, nephritis; dialysis and artificial kidney, kidney transplant.

Chapter-20: Locomotion and Movement

Types of movement - ciliary, flagellar, muscular; skeletal muscle, contractile proteins and muscle contraction; skeletal system and its functions; joints; disorders of muscular and skeletal systems - myasthenia gravis, tetany, muscular dystrophy, arthritis, osteoporosis, gout.

Chapter-21: Neural Control and Coordination

Neuron and nerves; Nervous system in humans - central nervous system; peripheral nervous system and visceral nervous system; generation and conduction of nerve impulse

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Introduction and Recall test

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Counter Current Mechanism

https://diksha.gov.in/play/content/do_43134307454703616001359

Connection Between Brain(CNS)

https://diksha.gov.in/play/content/do_43134307454703861761361

Uremia

https://diksha.gov.in/play/content/do_43134307454704025601363

ADH Excretion

https://diksha.gov.in/play/content/do_43134307454703697921360

Types of Movement

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Mechanism of Muscle contraction

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Axial Skeletal System

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Fibrous joints & Cartilaginous Joints

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Disorders of skeletal system

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Mechanism Of Muscle Contraction

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Human Neural System

				<p>https://diksha.gov.in/play/content/do_43134307454705090561371 Structure of Neuron</p> <p>https://diksha.gov.in/play/content/do_43134307454705172481372 Neural System in Lower Organisms</p> <p>https://diksha.gov.in/play/content/do_43134307454704844801370 Structure of Brain</p> <p>https://diksha.gov.in/play/content/do_43134307454705254401373 Reflex Action</p> <p>https://diksha.gov.in/play/content/do_43134307454705336321374 Sense Organs</p> <p>https://diksha.gov.in/play/content/do_43134307454705418241375</p>	
9	February 2025	22	<p>Chapter-22: Chemical Coordination and Integration Endocrine glands and hormones; human endocrine system - hypothalamus, pituitary, pineal, thyroid, parathyroid, adrenal, pancreas, gonads; mechanism of hormone action (elementary idea); role of hormones as messengers and regulators, hypo - and hyperactivity and related disorders; dwarfism, acromegaly, cretinism, goiter, exophthalmic goitre, diabetes, Addison's disease. Note: Diseases related to all the human physiological systems to be taught in brief.</p>	<p>Human Endocrine System Introduction https://diksha.gov.in/play/content/do_43134307454705745921378 Endocrine Glands and Concept Test1 https://diksha.gov.in/play/content/do_43134307454705500161376 Human Endocrine System https://diksha.gov.in/play/content/do_43134307454706073601382 Endocrine Gland https://diksha.gov.in/play/content/do_312988867012788224115 Pineal Gland and Concept Test 3 https://diksha.gov.in/play/content/do_43134307454705909761380 Pituitary Gland and Concept Test</p>	SESSION ENDING PRACTICAL EXAMINATION

			<p>REVISION</p> <p>https://diksha.gov.in/play/content/do_43134307454705827841379 Pituitary Gland https://diksha.gov.in/play/content/do_312988867002146816114 Parathyroid Gland https://diksha.gov.in/play/content/do_43134307454705991681381 Adrenal Gland and Concept Test https://diksha.gov.in/play/content/do_43134307454706155521383 Pancreas https://diksha.gov.in/play/content/do_43134307454706237441384 Testis https://diksha.gov.in/play/content/do_43134307454706401281385 Ovary https://diksha.gov.in/play/content/do_43134307454706565121386 Hormones of Heart https://diksha.gov.in/play/content/do_43134307454706647041387 Hormones https://diksha.gov.in/play/content/do_43134307454705582081377 Hormone Receptors https://diksha.gov.in/play/content/do_43134307454706892801389 Mechanism of Hormonal Action https://diksha.gov.in/play/content/do_43134307454706728961388</p>	
10	March 2025		Biology SrSec 2023-24.pdf (cbseacademic.nic.in)	Session Ending Examination

Sl. No	Month	No. of working days	Name of chapter/topic to be covered	Teaching aids/ e-content/ innovative practices	Test/examination to be executed
1	June & July 2024	33	Unit 1: Introduction to Computer System Introduction to computer and computing: evolution of computing devices, components of a computer system and their interconnections, Input/output devices. Computer Memory: Units of memory, types of memory – primary and secondary, data deletion, its recovery and related security concerns. Software: purpose and types – system and application software, generic and specific purpose software.	https://t.ly/AUfe-	Class Tests
2	August	24	Unit 2: Introduction to Python Basics of Python programming, Python interpreter - interactive and script mode, the structure of a program, indentation, identifiers, keywords, constants, variables, types of operators, precedence of operators, data types, mutable and immutable data types, statements, expressions, evaluation and comments, input and output statements, data type conversion, debugging. Control Statements: if-else, if-elif-else	https://t.ly/9Qwki	Periodic Test-1
3	September	22	Control Statements: while loop, for loop Lists: list operations - creating, initializing, traversing and manipulating lists, list methods and built-in functions.len(),list(),append(),insert(), count(),index(),remove(), pop(), reverse(), sort(), min(),max(),sum()	https://t.ly/_ekYT	Class Tests
4	October	16	Dictionary: concept of key-value pair, creating, initializing, traversing, updating and deleting elements, dictionary methods and built-in functions: dict(), len(), keys(), values(), items(), update(), del(), clear()	https://t.ly/_ekYT	Class Tests

5	November	22	<p>Unit 3: Database concepts and the Structured Query Language Database Concepts: Introduction to database concepts and its need, Database Management System.</p> <p>Relational data model: Concept of domain, tuple, relation, candidate key, primary key, alternate key</p> <p>Advantages of using Structured Query Language, Data Definition Language, Data Query Language and Data Manipulation Language, Introduction to MySQL, creating a database using MySQL, Data Types</p> <p>Half Yearly/Mid Test 3rd/4th week of month</p>	https://t.ly/FxsSm	Half Yearly Exam
6	December	18	<p>Data Definition: CREATE DATABASE, CREATE TABLE, DROP, ALTER</p> <p>Data Query: SELECT, FROM, WHERE with relational operators, BETWEEN, logical operators, IS NULL, IS NOT NULL</p> <p>Data Manipulation: INSERT, DELETE, UPDATE</p>	https://t.ly/VhMa6	Class Tests
7	January 2025	24	<p>Unit 4: Introduction to the Emerging Trends</p> <p>Artificial Intelligence, Machine Learning, Natural Language Processing, Immersive experience (AR, VR), Robotics, Big data and its characteristics, Internet of Things (IoT), Sensors, Smart cities, Cloud Computing and Cloud Services (SaaS, IaaS, PaaS); Grid Computing, Block chain technology.</p>	https://ncert.nic.in/textbook.php?keip1=2-8	Periodic Test II
8	February	22	<p>REVISION, Submission of Practical and Project works Final Practical Examination. Revision work</p>		Revision Tests/Slip Tests
9	March	Session Ending Examination			
CBSE curriculum 2024-25 – Class XI Informatics Practices				https://www.cbseacademic.nic.in/web_material/CurriculumMain25/SrSec/Informatics_Practices_SrSec_2024-25.pdf	
NCERT Text Book: (Rationalised content)				https://ncert.nic.in/textbook.php?keip1=0-8	

Sl. No	Month	No. of working days	Name of chapter/topic to be covered	Teaching aids/ e-content/ innovative practices	Test/ examination to be executed
1	June & July 2024	33	Unit I: Computer Systems and Organisation <ul style="list-style-type: none"> ● Basic computer organisation: Introduction to Computer System, hardware, software, input device, output device, CPU, memory (primary, cache and secondary), units of memory (bit, byte, KB, MB, GB, TB, PB) ● Types of software: System software (Operating systems, system utilities, device drivers), programming tools and language translators (assembler, compiler, and interpreter), application software ● Operating System(OS): functions of the operating system, OS user interface ● Boolean logic: NOT, AND, OR, NAND, NOR, XOR, NOT, truth tables and De Morgan's laws, Logic circuits ● Number System: Binary, Octal, Decimal and Hexadecimal number system; conversion between number systems ● Encoding Schemes: ASCII, ISCII, and Unicode (UTF8, UTF32) 		Class Test
2	August	24	Unit II: Computational Thinking and Programming - I <ul style="list-style-type: none"> ● Introduction to Problem-solving: Steps for Problem-solving (Analyzing the problem, developing an algorithm, coding, testing, and debugging), representation of algorithms using flowchart and pseudo code, decomposition ● Familiarization with the basics of Python programming: Introduction to Python, Features of Python, executing a simple "hello world" program, execution modes: interactive mode and script mode, Python character set, Python tokens(keyword, identifier, literal, operator, punctuator), variables, concept of l-value and r-value, use of comments. ● Knowledge of data types: Number(integer, floating point,complex), boolean, sequence(string, list, tuple), None, Mapping(dictionary), mutable and immutable data types. 		Periodic Test - 1

			<ul style="list-style-type: none"> ● Operators: arithmetic operators, relational operators, logical operators, assignment operators, augmented assignment operators, identity operators (is, is not), membership operators (in not in) ● Expressions, statement, type conversion, and input/output: precedence of operators, expression, evaluation of an expression, type-conversion (explicit and implicit conversion), accepting data as input from the console and displaying output. ● Errors- syntax errors, logical errors, and run-time errors 		
3	September	22	<ul style="list-style-type: none"> ● Flow of Control: introduction, use of indentation, sequential flow, conditional and iterative flow ● Conditional statements: if, if-else, if-elif-else, flowcharts, simple programs: e.g.: absolute value, sort 3 numbers and divisibility of a number. ● Iterative Statement: for loop, range(), while loop, flowcharts, break and continue statements, nested loops, suggested programs: generating pattern, summation of series, finding the factorial of a positive number, etc. ● Strings: introduction, string operations (concatenation, repetition, membership and slicing), traversing a string using loops, built-in functions/methods–len(), capitalize(), title(), lower(), upper(), count(), find(), index(), endswith(), startswith(), isalnum(), isalpha(), isdigit(), islower(), isupper(), isspace(), lstrip(), rstrip(), strip(), replace(), join(), partition(), split() 		Class Test
4	October	16	<ul style="list-style-type: none"> ● Lists: introduction, indexing, list operations (concatenation, repetition, membership and slicing), traversing a list using loops, built-in functions/methods–len(), list(), append(), extend(), insert(), count(), index(), remove(), pop(), reverse(), sort(), sorted(), min(), max(), sum(); nested lists, suggested programs: finding the maximum, minimum, mean of numeric values stored in a list; linear search on list of numbers and counting the frequency of elements in a list. 		Class Tests
5	November	22	<ul style="list-style-type: none"> ● Tuples: introduction, indexing, tuple operations (concatenation, repetition, membership and slicing); built-in functions/methods – len(), tuple(), count(), index(), sorted(), min(), max(), sum(); tuple assignment, nested tuple; suggested programs: finding the minimum, maximum, mean of values stored in a tuple; linear search on a tuple of numbers, counting the frequency of elements in a tuple. ● Dictionary: introduction, accessing items in a dictionary using keys, mutability of a dictionary (adding a new term, modifying an existing item), traversing a dictionary, built-in functions/methods 		Half Yearly

			– len(), dict(), keys(), values(), items(), get(), update(), del(), del, clear(), fromkeys(), copy(), pop(), popitem(), setdefault(), max(), min(), sorted(); Suggested programs: count the number of times a character appears in a given string using a dictionary, create a dictionary with names of employees, their salary and access them		
6	December	18	Introduction to Python modules: Importing module using ‘import <module>’ and using from statement, importing math module (pi, e, sqrt(), ceil(), floor(), pow(), fabs(), sin(), cos(), tan()); random module (random(), randint(), randrange()), statistics module (mean(), median(), mode()).		Class Tests/Unit Tests/Slip Tests
7	January 2025	24	Unit III: Society, Law and Ethics <ul style="list-style-type: none"> ● Digital Footprints ● Digital Society and Netizen: net etiquettes, communication etiquettes, social media etiquette ● Data Protection: Intellectual property rights (copyright, patent , trademark), violation of IPR(plagiarism, copyright infringement, trademark infringement), open source software and licensing (Creative Commons, GPL and Apache) ● Cyber Crime: definition, hacking, eavesdropping, phishing and fraud emails, ransomware, cyber trolls, cyber bullying ● Cyber safety: safely browsing the web, identity protection, confidentiality ● Malware: viruses, trojans, adware ● E-waste management: proper disposal of used electronic gadgets. ● Information Technology Act (IT Act) ● Technology and society: Gender and disability issues while teaching and using computers 		Periodic Test II
8	February	22	Comprehensive Revision, Practical Examination and Project Submission		Revision Test / Slip Tests
9	March		Session Ending Examination		Session Ending Examination
CBSE curriculum 2024-25 – Class XI Computer Science			https://www.cbseacademic.nic.in/web_material/CurriculumMain25/SrSec/Computer_Science_SrSec_2024-25.pdf		
CBSE Text Book:			https://cbseacademic.nic.in/web_material/doc/cs/1_Computer-Science-Python-Book-Class-XI.pdf		
NCERT Text Book: (Rationalised Content)			https://ncert.nic.in/textbook.php?kecs1=0-11		

Sl No	MONTH	NO OF WORKING DAYS	NAME OF CHAPTER /TOPIC TO BE COVERED	TEACHING AIDS/E-CONTETNT/INNOVATIVE PRACTICES TO BE ADOPTED	TEST/EXAMINATION TO BE CONDUCTED
1	JUNE 2024	08	Fundamentals of Physical Geography 1. Geography as a discipline 2.The origin and evolution of the earth	<ul style="list-style-type: none"> • Make a table of branches of physical and human geography. • Watch videos of theories (Big Bang etc.) in the class room through projector. https://www.youtube.com/watch?v=HdPzOWILrbE 	SLIP TEST AND WORKSHEETS
2	JULY	25	India- Physical Environment 1. India-location Fundamentals of Physical Geography 3. Interior of the earth 4. Distribution of oceans and continents	<ul style="list-style-type: none"> • On an outline map of India mark all the neighbouring countries and compare the size of India with its neighbours. • Make a list of all the states that share common boundary with our neighbouring countries. • Mark and label the land boundary and coastline on an outline map of India. • On a political map of India mark and label the states and UTs. https://pib.gov.in/PressReleseDetailm.aspx?PRID=1590112 • Deep drilling projects https://ocean.si.edu/ecosystems/deep-sea/integrated-ocean-drilling-program • Draw a well labelled diagram to show the interior of the earth. 	SLIP TEST AND WORKSHEETS

				<ul style="list-style-type: none"> • Draw a diagram of a volcano and mark the following parts: a. Magma Chamber b. Vent c. Central Pipe d. Lava flow • Draw a diagram to show the intrusive volcanic forms • Case study of earthquakes that occurred in India in recent times and in Turkey. • On the outline world map mark and label the following: a. Major plate boundaries b. Ring of fire c. Hot spot Volcanoes • Tectonic plates https://www.youtube.com/watch?v=vxmoxDznXe4 • Draw diagrams to show different types of plate boundaries 	
3	AUGUST	24	<p>India- Physical Environment</p> <p>2 India-structure and physiography Fundamentals of Physical Geography 5. Geomorphic processes</p>	<ul style="list-style-type: none"> • Identify the physiographic and geological region you live in. Discuss the impact of physiography on the development of your region. • On an outline map of India mark and label the physiographic divisions of India. • Prepare a concept map to show different Exogenic and Endogenic Processes. • Students will prepare concept map on denudational processes. • Study types of weathering: Physical, Chemical, Biological and understanding their importance for human being. • Study types of mass movements and prepare a mind map. 	PERIODIC TEST 1
4	SEPTEMBER	22	<p>6. Landforms and their evolution, India- Physical Environment</p>	<p>Draw neat and well labelled diagrams of landforms created by running water, wind and waves etc.</p>	SLIP TEST AND WORKSHEETS

			3. India-drainage system Fundamentals of Physical Geography 7. Composition and structure of atmosphere	<ul style="list-style-type: none"> Draw a neat and well labelled diagram to show different of the atmosphere and write the importance of each layer. 	
5	OCTOBER	16	Fundamentals of Physical Geography 8. Solar radiation,heat balance and temperature India- Physical Environment 4. Climate	<ul style="list-style-type: none"> Students to learn about the three different modes of heat transfer—convection, conduction, radiation— with the help of an activity and how they are related to the Sun and life on our planet. Draw a diagram to show the passage of solar radiation through the atmosphere. Study the figure 9.4 and 9.5 and write the distribution of surface temperature in the month of January and July. Students to mark and label the hottest, coldest, driest and wettest place in India. (on a political map) Students should be made to understand Air Quality Index. https://www.aqi.in/in/dashboard/india 	SLIP TEST AND WORKSHEETS
6	NOVEMBER	22	Fundamentals of Physical Geography 9. Atmospheric circulation and weather system India- Physical Environment 5. India-natural vegetation	<ul style="list-style-type: none"> To mark all major types of forests on a map of India. Class can be divided into groups to collect information about people’s (common man) participation in the conservation of forests and wildlife. 	Half yearly examination
7	DECEMBER	18	Fundamentals of Physical Geography 10. Water in the atmosphere 11. World climate and climate change	<ul style="list-style-type: none"> Draw diagrams of different types of rainfall. On a world map mark and label areas of heavy, moderate, low and inadequate rainfall. Classify climate based on various schemes by Koeppen with the help of a mind map. 	SLIP TEST AND WORKSHEETS

8	JANUARY 2025	24	Fundamentals of Physical Geography 12. water(ocean) 13.movements of ocean water	<ul style="list-style-type: none"> • Draw a diagram to show major and minor features of ocean floor. • Study figure 13.5 and analyse the horizontal distribution of salinity in different oceans. • Locate and label the major seas on a political map of the world. • Draw a diagram of spring and neap tides. 	PERIODIC TEST 2
9	FEBRUARY	22	Fundamentals of Physical Geography 14. Biodiversity and conservation India- Physical Environment 6 India-natural hazards and disasters	<ul style="list-style-type: none"> • Make a list of flora and fauna found in your surroundings and make a scrap book containing information and pictures of at least ten species. • Divide your class into groups and allocate one disaster to each group. Every group should think of themselves as living in a disaster prone area of their allocated topic. All groups would give a presentation on causes ,impact and risk reduction of that disaster • Disaster digital online game- Stop Disasters!” simulates natural hazards and serves as an interactive educational tool for children https://www.stopdisastersgame.org/ 	INTERNAL ASSESSMENTS REVISION
10	MARCH				Session ending examination

CLASS XI

SUBJECT- ECONOMICS (030)

MONTH	NO.OF WORKING DAYS	NAME OF THE CHAPTER / TOPIC	TEACHING AID/ E MATERIAL	TEST EXAMINATION TO BE CONDUCTED
JUNE 2024	8	<p><u>Introduction:</u></p> <p>What is Economics?</p> <p>Meaning, scope, functions and importance of statistics in Economics</p> <p>Collection, Organisation and Presentation of data Collection of data - sources of data - primary and secondary;</p>	Power point presentations and other e-contents available on DIKSHA.	
JULY	25	<p><u>Collection, Organisation and Presentation of data (Cont.---</u></p> <p>Collection of data - how basic data is collected, concepts of Sampling; methods of collecting data; some important sources of secondary data: Census of India and National Sample Survey Organisation.</p> <p>Organisation of Data: Meaning and types of variables; Frequency Distribution</p> <p>Presentation of Data: Tabular Presentation and Diagrammatic Presentation of Data:</p> <p>(i) Geometric forms (bar diagrams and pie diagrams), Frequency diagrams (histogram, polygon and ogive) and (iii) Arithmetic line graphs (time series graph).</p> <p><u>Introductory Microeconomics</u></p> <p>Introduction</p> <p>Meaning of microeconomics and macroeconomics; positive and normative economics</p>	<p>https://diksha.gov.in/play/collection/do_31310347532020121611421?referrer=utm_source%3Dmobile%26utm_campaign%3Dshare_content</p>	<p>PERIODIC TEST-I</p> <p>(Including objective types of 1 mark</p> <p>Short answer types of 3 and 4 marks</p> <p>Long answer types of 6 marks)</p>

		What is an economy? Central problems of an economy: what, how and for whom to produce; concepts of production possibility frontier and opportunity cost		
AUGUST	24	<p><u>Consumer's Equilibrium and Demand</u></p> <p>Consumer's equilibrium - meaning of utility, marginal utility, law of diminishing marginal utility, conditions of consumer's equilibrium using marginal utility analysis.</p> <p>Indifference curve analysis of consumer's equilibrium- consumer's budget (budget set and budget line), preferences of the consumer (indifference curve, indifference map) and conditions of consumer's equilibrium.</p>	<p>E material from DIKSHA app.</p> <p>https://diksha.gov.in/play/content/do_31308396326704742411255</p> <p>https://diksha.gov.in/play/collection/do_31310347542798336011098?referrer=utm_source%3Dmobile%26utm_campaign%3Dshare_content</p>	
SEPTEMBER	22	<p><u>Statistical tools and Interpretation</u></p> <p>Measures of Central Tendency- Arithmetic Mean</p> <p>Median and mode.</p> <p>Consumers Equilibrium and Demand :- Demand, market demand, determinants of demand, demand schedule, demand curve and its slope, movement along and shifts in the demand curve; price elasticity of demand - factors affecting price elasticity of demand;</p> <p>Measurement of price elasticity of demand – percentage-change method and total expenditure method.</p> <p>COMMENCEMENT OF PROJECT WORK</p>	<p>https://kvsekmeresources.in/files/presentations/class-xi-eco-Demand.pdf</p> <p>https://kvsekmeresources.in/files/presentations/classxi-eco-demand2.pdf</p>	

OCTOBER	16	<p>.Producer Behaviour and Supply</p> <p>Meaning of Production Function – Short-Run and Long-Run Total Product, Average Product and Marginal Product.</p> <p>Returns to a Factor</p>	<p>https://diksha.gov.in/play/collection/do_31310347542798336011098?referrer=utm_source%3Dmobile%26utm_campaign%3Dshare_content</p>	<p>Half-Yearly Examination</p> <p>(Including objective types of 1 marks</p> <p>Short answer types of 3 and 4 marks</p> <p>Long answer types of 6 marks)</p>
NOVEMBER	22	<p>(REVISION FOR HALF YEARLY EXAM)</p> <p>Producer Behaviour and Supply(Contd.-)</p> <p>Cost: Short run costs - total cost, total fixed cost, total variable cost; Average cost; Average fixed cost, average variable cost and marginal cost-meaning and their relationships.-</p> <p>Revenue: total, average and marginal revenue - meaning and their relationship.</p> <p>Producer's equilibrium-meaning and its conditions in terms of marginal revenue- marginal cost.</p> <p>Supply, market supply, determinants of supply, supply schedule, supply curve and its slope, movements along and shifts in supply curve, price elasticity of supply; measurement of price elasticity of supply - percentage- change method.</p>	<p>https://diksha.gov.in/play/content/do_3130922087384104961957</p> <p>https://diksha.gov.in/play/content/do_31309221589076377611308</p>	
DECEMBER	18	<p>Statistical tools and Interpretation(Contd.....)</p> <p>Correlation – meaning and properties, scatter diagram</p> <p>Measures of correlation - Karl Pearson's method</p> <p>(Two variables ungrouped data) Spearman's rankcorrelation.(Non -</p>	<p>E material from DIKSHA app</p>	

		<p>Repeated Ranks and Repeated Ranks)</p> <p>Forms of Market and Price Determination under Perfect Competition with simple application</p> <p>Perfect competition - Features;</p>		
JANUARY 2025	24	<p>Forms of Market and Price Determination under Perfect Competition with simple application (Contd...)</p> <p>Determination of market equilibrium and effects of shifts in demand and supply. (Short run only)</p> <p>Simple Applications of Demand and Supply: Price ceiling, price floor.</p>	<p>Examples resembling this market form are- Online purchasing and wheat production can be sighted.</p> <p>https://diksha.gov.in/play/collection/do_31310347542798336011098?referrer=utm_source%3Dmobile%26utm_campaign%3Dshare_content</p>	<p>PERIODIC TEST-II</p> <p>(Including objective types of 1 marks</p> <p>Short answer types of 3 and 4 marks</p> <p>Long answer types of 6 marks)</p>
FEBRUARY	22	<p>Introduction to Index Numbers- meaning, types - wholesale price index, consumer price index and Index of industrial production, uses of index numbers; Inflation and index numbers. Simple Aggregative method</p> <p>Project in Economics</p> <p>REVISION FOR SEE (2024-25)</p>	<p>https://diksha.gov.in/play/content/do_3131155176939274241313</p> <p>https://zietchandigarh.kvs.gov.in/sites/default/files/ECONOMIC%20STUDY%20MATERIAL%20XI%202022-23.pdf</p>	
MARCH		<u>SEE 2024-25</u>		<p>SEE</p> <p>(2024-25)</p>

CLASS XI**SUBJECT: History (027)**

SL NO	MONTH	NO OF WORKING DAYS	NAME OF THE THEME	TEST/ EXAM
1	JUNE 2024	8	(Introduction of world History & Introduction of timeline I (6 MYA TO 1 BCE))	CLASS TEST
2	JULY	25	THEME 1-Writing and city life	CLASS TEST
3	AUGUST	24	(Introduction Timeline II (C. 100 BCE TO 1300 CE)) THEME 2-An Empire across three Continents	PERIODIC TEST 1
4	SEPTEMBER	22	THEME 3-Nomadic Empires	CLASS TEST
5	OCTOBER	16	(Introduction Timeline III (C. 1300 TO 1700)) THEME 4- The Three Orders	CLASS TEST
6	NOVEMBER	22	THEME 5- Changing Cultural Traditions	HALF YEARLY
7	DECEMBER	18	Introduction Timeline IV (C. 1700 TO 2000)) THEME 6- Displacing Indigenous People	CLASS TEST
8	JANUARY 2025	24	THEME 7- Paths to Modernisation	PERIODIC TEST 2
9	FEBRUARY	22	REVISION & Map work of related themes Project work	PROJECT WORK
10	MARCH		REVISION & SSE	SESSION ENDING EXAMINATION

NOTE-

1. AS PER CBSE SYLLABUS AND NEW EDITION OF NCERT TEXT BOOK
2. INTERNAL ASSESSMENT-20 MARKS

SL. NO.	MONTH	NO. OF WORKING DAYS (Tentative)	UNIT AND CHAPTER	Teaching Aids/E- content/Innovative practices to be adopted	Test/ Examination to be conducted
(PART A) Foundation of Business					
1	JUNE 2024	8	1.Nature and Purpose of Business	<p>Suggested Activity:</p> <ol style="list-style-type: none"> 1. Testing previous knowledge related to history of trade and commerce. 2. Lecture method for explaining the concepts of trade and commerce. 3. Group discussion method (Topic on differentiate between business, profession and employment and basic factors to be considered while starting a business.. 4. Use of Visual aids on classification of Industries. <p>e-content:</p> <p>https://diksha.gov.in/play/collection/do_31310347535117516811487?referrer=utm_source%3Dmobile%26utm_campaign%3Dshare_content&contentId=do_313080230084214784114288</p> <p>https://diksha.gov.in/play/collection/do_31310347535117516811487?referrer=utm_source%3Dmobile%26utm_campaign%3Dshare_content&contentId=do_313080223008587776114282</p> <p>https://diksha.gov.in/play/collection/do_31310347535117516811487?referrer=utm_source%3Dmobile%26utm_campaign%3Dshare_content&contentId=do_31308586845424844812738</p>	Class Test

2	JULY	25	2.Forms of Business Organisation	<p>Suggested Activity:</p> <ol style="list-style-type: none"> 1. Use of Role play method to explain the concept of Partnership, H.U.F. and Cooperative societies. 2. Use of group discussion method to develop the understanding of merits and demerits of Sole Proprietorship, Partnership, H.U.F. and Cooperative societies. 3. Initiating a virtual trip to Cooperative societies approved by Govt. of India for explaining “types of cooperative societies”. 4. Use of Survey method to find out features and working of different forms of business organizations. <p>e-content:</p> <p>https://diksha.gov.in/play/collection/do_31310347535117516811487?referrer=utm_source%3Dmobile%26utm_campaign%3Dshare_content&contentId=do_313080229095497728113973</p> <p>https://diksha.gov.in/play/collection/do_31310347535117516811487?referrer=utm_source%3Dmobile%26utm_campaign%3Dshare_content&contentId=do_3130878990761246721111</p> <p>https://diksha.gov.in/play/collection/do_31310347535117516811487?referrer=utm_source%3Dmobile%26utm_campaign%3Dshare_content&contentId=do_31308790151776665613134</p>	Class Test
3	AUGUST	24	3. Public, Private and Global Enterprises.	<p>Suggested Activity: Reciprocal questioning Use reciprocal questioning to encourage an open dialogue in which students take on the role of the teacher and create their own questions about a topic, reading a section, or lesson and form small groups of students for framing questions by providing “question stems” and others would try to find answer for the questions</p>	Periodic Test-I

				<p>e-content:</p> <p>https://diksha.gov.in/play/collection/do_31310347535117516811487?referrer=utm_source%3Dmobile%26utm_campaign%3Dshare_content&contentId=do_3130901352861204481121</p>	
			4.Business Services	<p>Suggested Activity</p> <ol style="list-style-type: none"> 1.Lecture Method 2.Use of Brainstorming method for banking services. 3. Connect with daily life examples. 4. Use of Visual aids on Banking System. 5. Use of Survey method. <p>e-content:</p> <p>https://diksha.gov.in/play/collection/do_31310347535117516811487?referrer=utm_source%3Dmobile%26utm_campaign%3Dshare_content&contentId=do_3130921901375406081995</p>	
4	SEPTEMBER	22	4. Business Services (contd..)	<p>https://diksha.gov.in/play/collection/do_31310347535117516811487?referrer=utm_source%3Dmobile%26utm_campaign%3Dshare_content&contentId=do_3130921901375406081995</p>	Class Test
			5.Emerging Modes of Business	<p>Suggested Activity:</p> <p>Initiate a discussion among the students to form two groups for a debate. One group favoring e-business and another group expressing views on the negative sides of e business and supporting traditional</p>	

				business. e-content: https://diksha.gov.in/play/collection/do_31310347535117516811487?referrer=utm_source%3Dmobile%26utm_campaign%3Dshare_content&contentId=do_3130921901375406081995	
5	OCTOBER	16	6. Social Responsibility of Business and Business Ethics	Suggested Activity: Symposium Method: Assigning the task of presenting selected topics covering the chapter wherein student come up with various innovative ideas during their presentation e-content: https://diksha.gov.in/play/collection/do_31310347535117516811487?referrer=utm_source%3Dmobile%26utm_campaign%3Dshare_content&contentId=do_31314254219020697611870	Class Test
6	NOVEMBER	22	(PARTB) Finance and Trade 7. Sources of Business Finance.	Suggested Activity: 1. Interactive Lecture method for explaining the concepts of Business Finance and various sources of business finance. 2. Group discussion method (Topic on differentiate between Debenture and Shares, Equity shares and Preference shares). e-content: https://diksha.gov.in/play/collection/do_31310347535117516811487?referrer=utm_source%3Dmobile%26utm_campaign%3Dshare_content&contentId=do_31321462534099763211036	Half Yearly Exam
			Small Business & Enterprises	Suggested Activity: 1. Use of Brain storming session for discussing scope Entrepreneurship	

				<p>Development in India of Small Business.</p> <p>2. Use of Visual aids to familiarize the Government schemes and agencies for small scale industries.</p> <p>e-content:</p> <p>https://diksha.gov.in/play/collection/do_31310347535117516811487?referrer=utm_source%3Dmobile%26utm_campaign%3Dshare_content&contentId=do_31319415784017100811730</p>	
7	DECEMBER	18	9.Internal Trade	<p>Suggested Activity:</p> <p>1. Recall the daily activities that each one is engaged with and appreciate their role for making everyone’s life comfortable.</p> <p>2.Form groups of students for playing the role of different types of traders that students have seen in their daily life</p> <p>3. Experiential learning method</p> <p>e-content:</p>	Class Test
8	JANUARY 2025	24	9.Internal Trade (contd.)	<p>https://diksha.gov.in/play/collection/do_31310347535117516811487?referrer=utm_source%3Dmobile%26utm_campaign%3Dshare_content&contentId=do_3132113353273917441226</p>	Periodic Test-II
			10.International Business	<p>Suggested Activity:</p> <p>1.Use of visual aids on the topic: Import trade and export trade procedure.</p> <p>2. Use of Survey method to find out features and working of international business.</p> <p>3. Holding Seminars by Students on small topics for initiating wider learning for gathering details of selected topics.</p> <p>e-content:</p>	

				https://diksha.gov.in/play/collection/do_31310347535117516811487?referrer=utm_source%3Dmobile%26utm_campaign%3Dshare_content&contentId=do_313211335066034176198	
9	FEBRUARY	22	Project work REVISION	Refer to page 16-31 for the details of project work from CBSE Curriculum (Business Studies).	
10	MARCH		SESSION ENDING EXAM	Question Paper to be prepared in line with the pattern given in page 8 of CBSE Curriculum (Business Studies).	SESSION ENDING EXAM
		Additional links for references	Sample Question Papers(4 sets) NCERT TEXT BOOK	B.ST XI QP WITH BP & MS.pdf (kvs.gov.in) https://ncert.nic.in/textbook.php?kebs1=0-11 https://cbseacademic.nic.in/web_material/CurriculumMain25/SrSec/BusinessStudies_SrSec_2024-25.pdf	

				<p>e-content:</p> <p>https://diksha.gov.in/play/collection/do_31310347535505817611436?contentType=TextBook (click video) Theory base accounting II</p> <p>https://diksha.gov.in/play/collection/do_31310347535505817611436?contentType=TextBook (click VIDEO-Recording transactions II)</p>	
3	AUGUST	24	<p>Recording of Business transactions (Contd.)-</p> <p><i>Special Purpose books:</i> Cash Book • Purchases book • Sales book • Purchases return book • Sales return book • Journal proper--Ledger</p>	<p>1.Familiarisation of one sample Cashbook to the students</p> <p>2.Comparitive study of different types of special purpose books</p> <p>3.Role play on Debit side and Credit side</p> <p>e-content:</p> <p>https://docs.google.com/presentation/d/1dH2aikY7DixazGx26VWpK2N15VISaULL/edit?usp=share_link&ouid=109739681259010473543&rtopf=true&sd=true</p> <p>https://diksha.gov.in/play/collection/do_31310347535505817611436?contentType=TextBook</p>	Periodic Test 1
4	SEPTEMBER	22	<p>Bank Reconciliation Statement</p>	<p>1.Familiarise the transactions of Pass book with the help of cheque book</p> <p>2.Compare Cash book and Pass book</p> <p>3.Ask the student groups to identify the chances of differences between two books</p> <p>4. Skit on reasons of difference between cash book balance and passbook balance</p> <p>e-content:</p> <p>https://drive.google.com/file/d/1D30KIRdfcyb4umww1eYoZiAb_YySExiU/view?usp=share_link</p> <p>Suggested activity:</p> <p>1.Provide day to day life experiences-experimental learning</p>	Slip Test

			Depreciation, Provisions and Reserves.	<p>2. Ask the students to find out expected value of an old asset from their classroom for generating ideas about book value, scrap value etc.</p> <p>3. Discussion about methods of valuation of various assets</p> <p>e-content:</p> <p>https://drive.google.com/file/d/1gEUVcb9ZNjyE8INf5TPwDmEeuj4ISeL1/view?usp=share_link</p>	
5	OCTOBER	16	<p>Depreciation, Provisions and Reserves (contd.)</p> <p>Trial Balance and Rectification of Errors</p>	<p>Question paper for revision:</p> <p>https://drive.google.com/file/d/1DcI_SqDdMDgQRgQh_BL-mQKv6LBGsMrM/view?usp=share_link</p> <p>1. Group discussion</p> <p>2. Work sheets</p> <p>3. Problem solving</p> <p>e-content:</p> <p>play-collection (diksha.gov.in) VIDEO</p> <p>play-collection (diksha.gov.in) (INTERACTIVE SESSION @ DIKSHA PORTAL)</p>	Slip Test
PART-B					
FINANCIAL ACCOUNTING-II					
			UNIT-III Financial Statements of Sole Proprietorship		
6	NOVEMBER	22	<p>Trial Balance and Rectification of Errors (contd.)</p> <p>a) Financial Statements of Sole Proprietorship without adjustments</p>	<p>Suggested activity:</p> <p>1. Familiarise different items with the help of an original Financial Statement of a Sole proprietorship</p> <p>2. Handmade colorful cross word puzzles for identification of debit amount and credit amounts</p>	Half Yearly Exam

				<p>3. Problem solving</p> <p>e-content:</p> <p>https://drive.google.com/file/d/1wGDKqzXmHqmByfLLtVRThKUbfMk9_M6n/view?usp=share_link</p> <p>https://drive.google.com/drive/folders/1dgXnkEEGUo3bMAaPBXAjqNaaUAAMDlpQ?usp=share_link</p> <p>https://docs.google.com/presentation/d/198YkRXLGXDgNrROOKiMjzbw-kd6NhY0s/edit?usp=share_link&ouid=109739681259010473543&rtpof=true&sd=true</p>	
7	DECEMBER	18	<p>b) Financial Statements of Sole Proprietorship with adjustments</p>	<p>Suggested activity:</p> <ol style="list-style-type: none"> 1.Experiential learning 2.Correlated learning-journal 3.Problem solving <p>e-content:</p> <p>https://drive.google.com/file/d/1J8pLdES39y9QL8MNa5ED3iGbOH4GjpIj/view?usp=share_link</p>	Slip Test
8	JANUARY 2025	24	<p>Financial Statements of Sole Proprietorship with (adjustments) (contd.)</p> <p>Accounts from Incomplete Records</p>	<ol style="list-style-type: none"> 1.Discussion 2.quizes 3.Games like MIX &MATCH OR drag the words into correct options(boxes) <p>https://drive.google.com/file/d/1sbMX_7GAyHcmILs8y0kTYSNtkual0GH9/view?usp=share_link</p>	Periodic Test -II
9	FEBRUARY	22	<p>PART C: Project Work</p>	<p>(Runs through the Chapters as per CBSE guidelines)</p> <p>https://drive.google.com/file/d/1SQ8nhSfW2BMGoEu7LjRkXO9dEBhK1McJ/view?usp=share_link</p> <p>1. INTERACTIVE STUDY MATERIAL CLASS-XI</p>	

			REVISION	ACCOUNTANCY 2022-23.pdf (kvs.gov.in)	
10	MARCH		<i>Session Ending Exam</i>	Suggested Question Paper Design: Page 8 https://cbseacademic.nic.in/web_material/CurriculumMain25/SrSec/Accountancy_SrSec_2024-25.pdf	SEE 2024-25
		Additional links for references	SUPPORT MATERIAL	https://www.edudel.nic.in/welcome_folder/SupportMaterial2020_21/XI/english/11_accountancy_english_2020_21.pdf	



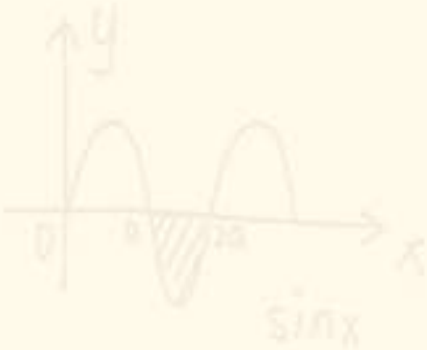
CLASS XII

$$\lim_{x \rightarrow 0} \frac{1 - \sqrt{\cos x}}{x(1 - \cos \sqrt{x})} \cdot \frac{1}{1 + \sqrt{\cos x}}$$

$$f(x, y) = \frac{x^2 + y^2}{x^2 + y^2 + 1} \leq y \leq 1$$

$f(0, 0) = 0$

$$\frac{2x+1}{3x-5} > 1$$



Sl. No	Month	No of Working Days	Name of the Chapter/Topic to be covered	Teaching Aids/E-content/innovative practices	Test/examination to be conducted
1	April-May 2024	20	Creative writing skills – Notice Writing The Last Lesson – Flamingo My Mother at Sixty-Six – Flamingo The Third Level – Vistas Reading Comprehension – Unseen Passages	https://diksha.gov.in/play/collection/do_31310347537468620811440?contentId=do_31331094530749235213116	Monthly Test
			Introduction to ALS Reading Comprehension (Case Based Passage)	https://learnenglish.britishcouncil.org/skills/listening	Listening exercises
2	June, 2024	9	Lost Spring – Flamingo Letter Writing Application for Jobs Project Work	https://www.downtoearth.org.in/blog/waste/a-day-in-a-ragpickers-slum-in-new-delhi-59106	Monthly Test Certain traditions and lineage, condemn thousands of children to a life of abject poverty and choke their aspirations. Suggest some ways to tackle this issue
3	July, 2024	25	Creative Writing Skills – Invitations and Replies Keeping Quiet – Flamingo The Tiger King – Vistas Deep Water – Flamingo Letter to Editor Reading Comprehension	https://diksha.gov.in/play/collection/do_31310347537468620811440?contentId=do_31320411368873984015712 https://blog.nationalgeographic.org/2014/03/10/a-concise-history-of-tiger-hunting-in-india/#	Monthly Test As mother, write a letter to the authorities of the YMCA Pool with reference to the case of your son Douglas.

4	August, 2024	24	Creative writing Skills – Article Writing A Thing of Beauty – Flamingo The Rattrap – Flamingo Journey to the End of the Earth – Vistas Creative Writing Skills – Report Writing Project Work	https://diksha.gov.in/play/collection/do_31310347537468620811440?contentId=do_31312398555675033611271	Monthly Test Kindness does not always beget kindness, and that the conditions for receiving kindness are important for it to truly transform people. Elaborate.
5	September, 2024	22	Reading Comprehension Case Based Passages The Enemy – Vistas Indigo – Flamingo Poets and Pancakes – Flamingo A Roadside Stand – Flamingo	https://www.tokyoweekender.com/japan-life/news-and-opinion/yokohama-boy-scout-memorial/	Half Yearly Write a speech addressing the students about the qualities that every leader and politician should nurture.
6	October, 2024	16	The Interview Aunt Jennifer’s Tigers – Flamingo Going Places – Flamingo	https://diksha.gov.in/play/collection/do_3132294648255365121250?contentId=do_313228692687855616123	Draft a speech on ‘Ethics and Techniques of Interviewing’.
7	November, 2024	22	On the Face of It – Vistas Memories of Childhood – Vistas Reading Comprehension Revision and Class Tests – Writing Section	https://diksha.gov.in/play/collection/do_31310347537468620811440?contentId=do_3132238982773964801449	Panel Discussion on ‘Oppression and Its Evils.’ First Pre-Board
8	December, 2024	18	Practice- Reading Comprehension Revision – Report writing, Articles, Letters ALS – Final Practice Revision of Lessons from Flamingo & Vistas	e - Comic Book 'The Fire and Murder Mystery' for Writing section https://diksha.gov.in/play/collection/do_3132294648255365121250?contentId=do_313228692687855616123	Completion of Project Second Pre-Board
9	January, 2025	24	Study material Intensive Practice CBSE Sample Papers Practice Project-Work & ALS Submission of final draft of the Project for evaluation		Assessment of Projects/Viva-voce

10	February, 2025	22	Practice of CBSE Sample Papers & Remedial Classes for slow-boomers CBSE Final Practical	https://cbseacademic.nic.in/web_material/QuestionBank/ClassXII/EnglishCoreXII.pdf	Revision Assessment of Projects/ALS/Viva voce as per CBSE guidelines
11	March, 2025		CBSE – Examination 2024 – 2025	Study Material	Revision

Reference Materials:

Alternative academic calendar	https://ncert.nic.in/pdf/AAC_HigherSecondary_eng.pdf
Vistas	https://ciet.nic.in/pages.php?id=vistasxi&ln=en
Flamingo	https://ciet.nic.in/pages.php?id=flamingo&ln=en
NCERT	https://epathshala.nic.in/wp-content/doc/book/flipbook/flipbook.htm?lev1=1-1 https://epathshala.nic.in/wp-content/doc/book/flipbook/flipbook.htm?lef1=1-1 https://youtube.com/playlist?list=PLUGLcpnv1YickF0A5GM3al3iRII-KR9
QUESTION BANK	https://kvsekmeresources.in/files/12eng-qb.pdf
Interactive Study Material	https://kvsekmeresources.in/files/12-eng-int-sm.pdf

क्र. स.	महीना	कार्य दिवसों की संख्या	पाठ्यपुस्तक/पाठ का नाम आरोह भाग-2, वितान भाग-2, अभिव्यक्ति और माध्यम तथा रचनात्मक लेखन	शिक्षण सामग्री/ई-सामग्री/ नवीन दृष्टिकोण/ नवाचार	परीक्षा/ मूल्यांकन
1.	अप्रैल & मई	20	1. महादेवी वर्मा-भक्तिन 2. बाजार दर्शन -जैनेद्र कुमार 3. हरिवंचराय बच्चन-आत्म परिचय, दिन जल्दी-जल्दी ढलता है। 4. पतंग-आलोक धन्वा 5. अभिव्यक्ति और माध्यम पाठ 3 एवं 4	पी.पी.टी. , गूगल फॉर्म प्रश्नोत्तरी भक्तिन https://diksha.gov.in/play/collection/do_31310347536844390411082?contentId=do_3130915436367872001710 https://diksha.gov.in/play/collection/do_31310347536844390411082?contentId=do_3130915447580262401589 https://diksha.gov.in/play/collection/do_31310347536844390411082?contentId=do_3130915456373882881590 आत्म परिचय https://diksha.gov.in/play/collection/do_31310347536844390411082?contentId=do_31312415806276403211459 एक गीत https://diksha.gov.in/play/collection/do_31310347536844390411082?contentId=do_31312415946693017611460	मासिक परीक्षा
			1. रचनात्मक लेखन	पी.पी.टी. गूगल फॉर्म प्रश्नोत्तरी बाजार दर्शन https://diksha.gov.in/play/collection/do_31310347536844390411082?contentId=do_3131100202296688641632	

			https://diksha.gov.in/play/collection/do_31310347536844390411082?contentId=do_31311002036809728011122 https://diksha.gov.in/play/collection/do_31310347536844390411082?contentId=do_3131100205071974401633 पतंग https://diksha.gov.in/play/collection/do_31310347536844390411082?contentId=do_31307754089163980817671 https://diksha.gov.in/play/collection/do_31310347536844390411082?contentId=do_313077542065324032111049		
2.	जून	8	1) धर्मवीर भारती-काले मेघा पानी दे 2) कुंवर नारायण-कविता के बहाने, बात सीधी थी पर 3) अभिव्यक्ति और माध्यम पाठ 5, विशेष लेखन स्वरूप और प्रकार 4). अपठित बोध – गद्यांश 5) रचनात्मक लेखन	पी.पी.टी. , गूगल फॉर्मप्रश्नोत्तरी काले मेघा पानी दें https://diksha.gov.in/play/collection/do_31310347536844390411082?contentId=do_31309418644022067211900 https://diksha.gov.in/play/collection/do_31310347536844390411082?contentId=do_31309418794915430411687 https://diksha.gov.in/play/collection/do_31310347536844390411082?contentId=do_31309418993310924811901 कविता के बहाने ,बात सीधी थी पर https://diksha.gov.in/play/collection/do_31310347536844390411082?contentId=do_31308388270540390412221 https://diksha.gov.in/play/collection/do_31310347536844390411082?contentId=do_31308388369021337611137 https://diksha.gov.in/play/collection/do_31310347536844390411082?contentId=do_31308399730125209611050	मासिक परीक्षा
3.	जुलाई	25	1. मनोहर श्याम जोशी – सिल्वर वेडिंग 2. फणीश्वर नाथ 'रेणु'- पहलवान की ढोलक 3. रघुवीर सहाय – कैमरे में बंद अपाहिज 4. कहानी का नाट्य रूपांतरण	पी.पी.टी. ,, गूगल फॉर्मप्रश्नोत्तरी ई सामग्री सिल्वर वेडिंग https://diksha.gov.in/play/collection/do_3130045107563642881283?contentId=do_431362875918644838411217 पहलवान की ढोलक https://diksha.gov.in/play/collection/do_31310347536844390411082?contentId=do_31311002064679731211123	मासिक परीक्षा

			https://diksha.gov.in/play/collection/do_31310347536844390411082?contentId=do_31311002078549606411124 https://diksha.gov.in/play/collection/do_31310347536844390411082?contentId=do_3131100209270374401634 कैमरे में बंद अपाहिज https://diksha.gov.in/play/collection/do_31310347536844390411082?contentId=do_31308388651128422411652 https://diksha.gov.in/play/collection/do_31310347536844390411082?contentId=do_31308389558676684812587 https://diksha.gov.in/play/collection/do_31310347536844390411082?contentId=do_31308390283341824011019 कैसे करें कहानी का नाट्य रूपांतरण https://diksha.gov.in/play/content/do_31311182352493772811248	
4.	अगस्त	24	1. आनंद यादव-जूझ 2. शमशेर बहादुर सिंह – उषा 3. सूर्य कान्त त्रिपाठी निराला – बादल राग 4 फ्रीचर एचम आलेख लेखन 5. अपठित बोध गद्यांश पी.पी.टी. , गूगल फॉर्मप्रश्नोत्तरी जूझ ई सामग्री https://diksha.gov.in/play/collection/do_3130045107563642881283?contentId=do_431362875918731673611218 उषा https://diksha.gov.in/play/collection/do_31310347536844390411082?contentId=do_3130902527523143681399 https://diksha.gov.in/play/collection/do_31310347536844390411082?contentId=do_3130902546109808641400 https://diksha.gov.in/play/collection/do_31310347536844390411082?contentId=do_3130902567215759361293	मासिक परीक्षा
5.	सितंबर	22	1. ओम थानवी-अतीत में दबे पाँव 2. हजारी प्रसाद द्विवेदी – शिरीष के फूल 3. तुलसीदास-कवितावली, लक्ष्मण मूर्छा व राम विलाप पी.पी.टी. , गूगल फॉर्मप्रश्नोत्तरी अतीत में दबे पाँव ई सामग्री https://diksha.gov.in/play/collection/do_3130045107563642881283?contentId=do_431362875918733312011219 हड़प्पा संस्कृति वीडियो https://www.youtube.com/watch?v=obWgvA6L2HA शिरीष के फूल	HALF YEARLY

			<p>4. कैसे बनता है रेडियो नाटक </p> <p>https://diksha.gov.in/play/collection/do_31310347536844390411082?contentId=do_313095290823008256167 https://diksha.gov.in/play/collection/do_31310347536844390411082?contentId=do_313095292722626560168 https://diksha.gov.in/play/collection/do_31310347536844390411082?contentId=do_313095294293417984169</p> <p>कवितावली</p> <p>https://diksha.gov.in/play/collection/do_31310347536844390411082?contentId=do_31309350476040601611037 https://diksha.gov.in/play/collection/do_31310347536844390411082?contentId=do_31309350594371584011140 https://diksha.gov.in/play/collection/do_31310347536844390411082?contentId=do_31309350731501568011496</p> <p>लक्ष्मण मूर्च्छा और राम का विलाप</p> <p>https://diksha.gov.in/play/collection/do_31310347536844390411082?contentId=do_31309351019861606411640 https://diksha.gov.in/play/collection/do_31310347536844390411082?contentId=do_31309351116728729611040 https://diksha.gov.in/play/collection/do_31310347536844390411082?contentId=do_31309351201359462411141</p> <p>कैसे बनता है रेडियो नाटक</p> <p>https://diksha.gov.in/play/content/do_31311226134369075211078</p>	
6.	अक्तूबर	16	<p>1. भीम राव अम्बेडकर-श्रम विभाजन और जाति प्रथा, मेरी कल्पना का आदर्श समाज </p> <p>2. फिराक गोरखपुरी-रूबाइयाँ </p> <p>3. उमा शंकर जोशी-छोटा मेरा खेत , बगुलों के पंख</p> <p>पी.पी.टी. गूगल फॉर्मप्रश्नोत्तरी श्रम विभाजन और जाति प्रथा</p> <p>https://diksha.gov.in/play/collection/do_31310347536844390411082?contentId=do_3130993583854059521844 https://diksha.gov.in/play/collection/do_31310347536844390411082?contentId=do_3130993591276257281508 https://diksha.gov.in/play/collection/do_31310347536844390411082?contentId=do_3130993599646515201846</p> <p>मेरी कल्पना का आदर्श समाज</p> <p>https://diksha.gov.in/play/collection/do_31310347536844390411082?contentId=do_3130993605356093441847</p>	मासिक परीक्षा

			4. अप्रत्याशित विषयों पर रचनात्मक लेखन	https://diksha.gov.in/play/collection/do_31310347536844390411082?contentId=do_3130993613566689281655 https://diksha.gov.in/play/collection/do_31310347536844390411082?contentId=do_3130993618722570241848 छोटा मेरा खेत चौकोना https://diksha.gov.in/play/collection/do_31310347536844390411082?contentId=do_31309419210055680011434 https://diksha.gov.in/play/collection/do_31310347536844390411082?contentId=do_31309419349145190411730 https://diksha.gov.in/play/collection/do_31310347536844390411082?contentId=do_31309419499683020811475 बगुलों के पंख https://diksha.gov.in/play/collection/do_31310347536844390411082?contentId=do_31309419622432768011689 https://diksha.gov.in/play/collection/do_31310347536844390411082?contentId=do_31309419712488243211435 https://diksha.gov.in/play/collection/do_31310347536844390411082?contentId=do_31309419786221158411436	
7.	नवम्बर	22	1. कहानी का नाट्य रूपांतरण 2. पत्रकारिता और जन संचार माध्यमों के लिए लेखन	पी.पी.टी. , यू ट्यूब विडियो, गूगल फॉर्मप्रश्नोत्तरी कैसे करें कहानी का नाट्य रूपांतरण https://diksha.gov.in/play/content/do_31311182352493772811248	प्रथम पूर्व बोर्ड परीक्षा
8.	दिसम्बर	18	छात्र सहायक सामग्री द्वारा अभ्यास कार्य पुनरावृत्ति एवम् प्री-बोर्ड परीक्षाओं के लिए तैयारी	छात्र सहायक सामग्री यू ट्यूब विडियो, गूगल फॉर्म प्रश्नोत्तरी	द्वितीय पूर्व बोर्ड परीक्षा
9.	जनवरी 2025	24	सी बी एस ई द्वारा निर्देशित आदर्श प्रश्नपत्र का हल ,पूर्व बोर्ड परीक्षा की गलतियों का सुधारकार्य ,प्रत्येक छात्र की परीक्षा संबंधी समस्याओं के	प्रश्न पत्र हल संबंधी पी.पी.टी. , यू ट्यूब विडियो, वेब लिंक्स	श्रवण तथा वचन मूल्यांकन परियोजना

			निवारण हेतु प्रयत्न आंतरिक मूल्यांकन हेतु निर्धारित परियोजना का समर्पण एवं मौखिक का आयोजन		कार्य मूल्यांकन
10.	फरवरी	22	बार बार अभ्यास कार्य ,मंदग्राही छात्रों के लिए विशेष उपचार कार्य	छात्र सहायक सामग्री	

Useful E-resources

आरोह भाग-2 on DIKSHA.	https://diksha.gov.in/play/collection/do_31310347536844390411082?referrer=utm_source%3Dmobile%26utm_campaign%3Dshare_content
Audio Books आरोह भाग 2	https://ciet.nic.in/pages.php?id=aaroh-ii&ln=en
Audio Books वितान भाग 2	https://ciet.nic.in/pages.php?id=vitaan-ii&ln=en
हिन्दी शब्द सिन्धु	https://hindishabdsindhu.rajbhasha.gov.in/
Alternative calendar	https://ncert.nic.in/pdf/AAC_HigherSecondary_Hin.pdf =

Sl. No.	Month	No of Working Days	Name of the Chapter/Topic to be covered	Teaching Aids/E-content/innovative practices	Test/examination to be conducted
1	April & May, 2024	20	Relation and Functions, Inverse Trigonometric functions, Matrices	Use of Graph , https://ncert.nic.in/pdf/publication/exemplarproblem/classXII/mathematics/leep201.pdf https://ncert.nic.in/pdf/publication/exemplarproblem/classXII/mathematics/leep202.pdf https://ncert.nic.in/pdf/publication/exemplarproblem/classXII/mathematics/leep203.pdf	Monthly Test
				Use of PPT, MATRICES	Class test /Slip test
2	June, 2024	8	Determinants	Practice Through Worksheets and PPT https://ncert.nic.in/pdf/publication/exemplarproblem/classXII/mathematics/leep204.pdf	Monthly Test
3	July, 2024	25	Limits and Derivatives Application of Derivatives	Practice Through Worksheets and use of Graph https://ncert.nic.in/pdf/publication/exemplarproblem/classXII/mathematics/leep205.pdf https://ncert.nic.in/pdf/publication/exemplarproblem/classXII/mathematics/leep206.pdf	Periodic Test - 1
4	August, 2024	24	Integrals and Application of Integrals	Use of Mind Map and Worksheets https://ncert.nic.in/pdf/publication/exemplarproblem/classXII/mathematics/leep207.pdf https://ncert.nic.in/pdf/publication/exemplarproblem/classXII/mathematics/leep208.pdf	Monthly Test
5	September, 2024	22	Differential Equations and Vector Algebra	Use of 3-D space with using Internet https://ncert.nic.in/pdf/publication/exemplarproblem/classXII/mathematics/leep209.pdf	Half Yearly Examination/ Periodic Test - 2

				https://ncert.nic.in/pdf/publication/exemplarproblem/classXII/mathematics/leep210.pdf	
6	October, 2024	16	3-D Geometry and LPP	Use of Graph https://docs.google.com/presentation/d/1T7roF2hw3Hm-mIODDDPS0eML1jpYONG7/edit?usp=sharing&oid=107923585722659418500&rtpof=true&sd=true https://ncert.nic.in/pdf/publication/exemplarproblem/classXII/mathematics/leep211.pdf https://ncert.nic.in/pdf/publication/exemplarproblem/classXII/mathematics/leep212.pdf	Periodic Test - 3
7	November, 2024	22	Probability	Data collection with involvement of class https://docs.google.com/presentation/d/1IRDgPxMZyrhxbJQWi_KIWKwP5YtgQ7d/edit?usp=sharing&oid=107923585722659418500&rtpof=true&sd=true https://ncert.nic.in/pdf/publication/exemplarproblem/classXII/mathematics/leep213.pdf	Pre Board - 1
8	December, 2024	18	REVISION	https://cbseacademic.nic.in/web_material/SQP/ClassXII_2023_24/Maths-SQP.pdf https://cbseacademic.nic.in/web_material/SQP/ClassXII_2023_24/Maths-MS.pdf	Pre Board 2
9	January, 2025	24	REVISION	https://homeworksonline.files.wordpress.com/2022/10/maths-12.pdf?force_download=true	Revision/ Pre Board – 3/Board Practical examination
10	February, 2025	22	REVISION	https://kumarsir34.files.wordpress.com/2022/12/ml-study-materials-maths-class-xii-2022-23.pdf	Revision/ CBSE Board Examination
11	March, 2025				CBSE Board Examination

Sl. No.	Month	No of Working Days	Name of the Chapter/Topic to be covered	Teaching Aids/E-content/innovative practices	Test/ examination to be conducted
1	April & May 2024	20	UNIT-1: Electrostatics (26 periods) <ul style="list-style-type: none"> Chapter–1: Electric Charges and Fields Chapter–2: Electrostatic Potential and Capacitance <p><u>SECTION-A</u></p> <ul style="list-style-type: none"> EXPERIMENT-1 EXPERIMENT-2 <p><u>SECTION-A</u> ACTIVITY-1</p>	https://diksha.gov.in/play/content/do_3134595678748016641324?referrer=utm_source%3Dmobile%26utm_campaign%3Dshare_content	Class Test /Monthly test (Chapter wise/ Topic wise)
			UNIT-1: Electrostatics cont... <ul style="list-style-type: none"> Chapter–1: Electric Charges and Fields Chapter–2: Electrostatic Potential and Capacitance 	https://diksha.gov.in/play/content/do_4313342832212762624116736?referrer=utm_source%3Dmobile%26utm_campaign%3Dshare_content http://physics.bu.edu/~duffy/semester2/d03_shielding.html http://physics.bu.edu/~duffy/semester2/c01_magnitude.html	Holiday Home works to be given. Investigatory project to be allotted to students.
2	June, 2024	08	Unit II: Current Electricity (18 periods) <ul style="list-style-type: none"> Chapter–3: Current Electricity <p><u>SECTION-A</u></p> <ul style="list-style-type: none"> EXPERIMENT-3 <p><u>SECTION-A</u></p>	https://diksha.gov.in/play/content/do_4313342832212992000116757?referrer=utm_source%3Dmobile%26utm_campaign%3Dshare_content	Class Test -Chapter wise/ Topic wise

			<ul style="list-style-type: none"> ACTIVITY- 2 	http://physics.bu.edu/~duffy/semester2/c09_current.html http://physics.bu.edu/~duffy/semester2/c11_kirchoff.html https://amrita.olabs.edu.in/?sub=1&brch=6&sim=22&cnt=1	
3	July, 2024	25	Unit III: Magnetic Effects of Current and Magnetism (25 periods) <ul style="list-style-type: none"> Chapter–4: Moving Charges and Magnetism Chapter–5: Magnetism and Matter SECTION-A <ul style="list-style-type: none"> EXPERIMENT-4 SECTION-A <ul style="list-style-type: none"> ACTIVITY- 3 	https://diksha.gov.in/play/content/do_431340726144229376012030?referrer=utm_source%3Dmobile%26utm_campaign%3Dshare_content http://physics.bu.edu/~duffy/semester2/c14_forcewires.html	Class Test /Monthly test (Chapter wise/ Topic wise)
4	August, 2024	24	Unit IV: Electromagnetic Induction and Alternating Currents (24 periods) <ul style="list-style-type: none"> Chapter–6: Electromagnetic Induction Chapter–7: Alternating Current SECTION-B <ul style="list-style-type: none"> EXPERIMENT-1 EXPERIMENT-2 SECTION-B <ul style="list-style-type: none"> ACTIVITY – 1 Unit V: Electromagnetic waves (4 periods) <ul style="list-style-type: none"> Chapter–8: Electromagnetic Waves 	https://diksha.gov.in/play/content/do_431340726144235929612036?referrer=utm_source%3Dmobile%26utm_campaign%3Dshare_content https://diksha.gov.in/play/content/do_431340726144258867212053?referrer=utm_source%3Dmobile%26utm_campaign%3Dshare_content https://diksha.gov.in/play/content/do_431340726144280985612072?referrer=utm_source%3Dmobile%26utm_campaign%3Dshare_content	Class Test /Monthly test (Chapter wise/ Topic wise)

5	September, 2024	22	<p>Unit VI: Optics (Total 30 periods) (Ray optics – 20, Wave optics – 10)</p> <ul style="list-style-type: none"> <input type="checkbox"/> Chapter–9: Ray Optics and Optical Instruments (20 periods) <input type="checkbox"/> Chapter–10: Wave Optics (10 periods) <p><u>SECTION-B</u></p> <ul style="list-style-type: none"> <input type="checkbox"/> EXPERIMENT-3 <p><u>SECTION-B</u></p> <ul style="list-style-type: none"> <input type="checkbox"/> ACTIVITY- 2 	<p>https://diksha.gov.in/play/content/do_431340726126871347211133?referrer=utm_source%3Dmobile%26utm_campaign%3Dshare_content</p> <p>http://physics.bu.edu/~duffy/semester2/c24_refraction.html</p> <p>http://physics.bu.edu/~duffy/semester2/c28_lenses.html</p>	Mid-term exam / Half -yearly exam
6	October, 2024	16	<ul style="list-style-type: none"> <input type="checkbox"/> Chapter–10: Wave Optics contd., <p>Unit VII: Dual Nature of Radiation and Matter (8 periods)</p> <ul style="list-style-type: none"> <input type="checkbox"/> Chapter–11: Dual Nature of Radiation and Matter <p><u>SECTION-B</u></p> <ul style="list-style-type: none"> <input type="checkbox"/> EXPERIMENT-4 <input type="checkbox"/> ACTIVITY-3 <p>Unit VIII: Atoms and Nuclei (15 periods)</p> <ul style="list-style-type: none"> <input type="checkbox"/> Chapter–12: Atoms (7 periods) 	<p>https://diksha.gov.in/play/content/do_431340726126849228811115?referrer=utm_source%3Dmobile%26utm_campaign%3Dshare_content</p> <p>https://diksha.gov.in/play/content/do_431340726126846771211113?referrer=utm_source%3Dmobile%26utm_campaign%3Dshare_content</p> <p>http://physics.bu.edu/~duffy/semester2/c25_intensity_doublesource.html</p> <p>http://physics.bu.edu/~duffy/semester2/c34_photoelectric.html</p> <p>http://physics.bu.edu/~duffy/semester2/c37_deBroglie.html</p> <p>Choice of experiments & activities may vary according to individual Physics Department of the Vidyalaya. As per CBSE, 4 experiments and 3 activities are to be performed from each section. Total 8 experiments and 6 activities are to be recorded.</p>	Class Test / Monthly Test (Chapter wise/ Topic wise)

7	November, 2024	22	<input type="checkbox"/> Chapter–13: Nuclei (8 periods) Unit IX: Electronic Devices (10 periods) <input type="checkbox"/> Chapter–14: Semiconductor electronics: Materials, devices and simple circuits REVISION FOR FIRST PRE-BOARD	https://diksha.gov.in/play/content/do_43134313243616296961677?referrer=utm_source%3Dmobile%26utm_campaign%3Dshare_content https://diksha.gov.in/play/content/do_43134313243616624641680?referrer=utm_source%3Dmobile%26utm_campaign%3Dshare_content http://physics.bu.edu/~duffy/semester2/c37_energylevels.html Teachers to refer CBSE syllabus for theory and Practical.	Syllabus completion Revision Pre -Board Exam-1
8	December, 2024	18	Revision Work and Remedial classes.		Revision
9	January, 2025	24	Remedial classes, Pre Board Examinations-2 Pre Board Practical Examination	Revision of the topics in which students need more practice or having low performance	Revision Pre -Board Exam-2
10	February, 2025	22	Practical Examination , Remedial classes	Revision of the topics in which students need more practice or having low performance	Revision
11	March, 2025		CBSE – Examination 2025		

Sl. No.	Month	No of Working Days	Name of the Chapter/Topic to be covered	Teaching Aids/E-content/innovative practices	Test/examination to be conducted
1	April & May 2024	20	<p>1.SOLUTIONS:(7 Marks) Types of solutions, expression of concentration of solutions of solids in liquids, solubility of gases in liquids, solid solutions, Raoult's law, colligative properties - relative lowering of vapour pressure, elevation of boiling point, depression of freezing point, osmotic pressure, determination of molecular masses using colligative properties, abnormal molecular mass, Van't Hoff factor.</p> <p>2.ELECROCHEMISTRY:(9 Marks) Redox reactions, EMF of a cell, Standard electrode potential, Nernst equation and its application to chemical cells, Relation between Gibbs energy change and EMF of a cell, conductance in electrolytic solutions, specific and molar conductivity, variations of conductivity with concentration, Kohlrausch's Law, electrolysis and law of electrolysis (elementary idea), dry cell-electrolytic cells and Galvanic Cells, lead accumulator, fuel cells, corrosion.</p>	<p>1.Small classroom activities to explain the meaning of solute, solvent & solutions and also identification of solutes and solvents of some solutions given.</p> <p>2. Correlation between the osmosis and transport mechanism of ions in plants and animals (Interdisciplinary study)</p> <p>3. Exemplar problems NCERT https://ncert.nic.in/pdf/publication/exemplarproblem/classXII/chemistry/leep502.pdf</p> <p>PRACTICALS</p> <p>1.Determination of molarity of KMnO_4 solution by titrating it against a standard solution of: (a) Oxalic acid, (b) Ferrous Ammonium Sulphate (Students will be required to prepare standard solutions by weighing themselves).</p> <p>1.Determination of resistance of a conductor using meter bridge (Interdisciplinary concept) https://youtu.be/JTvzP7HrMxU - Meity Olabs</p>	MONTHLY TEST 1
				<p>2. Exemplar problems NCERT https://ncert.nic.in/pdf/publication/exemplarproblem/classXII/chemistry/leep503.pdf</p> <p>3. MCQ https://diksha.gov.in/play/content/do_3130908567573053441495?referrer=utm_source%3Dmobile%26utm_campaign%3Dshare_content</p>	SLIP TEST

				<p>PRACTICALS</p> <p>1.Experimental set up of Daniel cell.</p> <p>2.To study variation of cell Potential $Zn/Zn^{2+}/Cu^{2+}/Cu$ with changes with concentration of electrolytes</p>	
2	June, 2024	8	<p>3.CHEMICAL KINETICS (7 Marks)</p> <p>Rate of a reaction (Average and instantaneous rate),factors affecting rate of reaction concentration, temperature, catalyst; order and molecularity of a reaction, rate law and specific rate constant integrated rate equations and half-life (only for zero and first order reactions), concept of collision theory (elementary idea, no mathematical treatment), activation energy, Arrhenius equation.</p>	<p>1.Concept of integration and derivation of integral rate expression (inter disciplinary approach of Mathematics and chemistry)</p> <p>2.Concept of probability and collision theory on rate of reaction (inter disciplinary approach of Mathematics and chemistry)</p> <p>3.Exemplar problems NCERT https://ncert.nic.in/pdf/publication/exemplarproblem/classXII/chemistry/leep504.pdf</p> <p>PRACTICAL</p> <p>1.To study experimentally the effect of concentration and temperature on the rate of reaction between Sodium thiosulphate and Hydrochloric acid.</p>	MONTHLY TEST 2
3	July, 2024	25	<p>4. d and f Block Elements:(7 Marks)</p> <p>General introduction,</p> <p>Electronic configuration, occurrence and characteristics of transition metals, general trends in properties of the first- row transition metals – metallic character, ionization enthalpy, oxidation states, ionic radii, colour, catalytic property, magnetic properties, interstitial compounds, alloy formation, preparation and properties of $K_2Cr_2O_7$ and $KMnO_4$. Lanthanoids – Electronic configuration, oxidation states,</p>	<p>1.Use of periodic table to explain position of d and f block elements.</p> <p>2. Comparative study of lanthanoids and actinoids</p> <p>3. Mind maps of chemical reactions of $KMnO_4$ and $K_2Cr_2O_7$</p> <p>4. Exemplar problems NCERT https://ncert.nic.in/pdf/publication/exemplarproblem/classXII/chemistry/leep504.pdf</p> <p>PRACTICALS</p> <p>2.Qualitative analysis</p>	MONTHLY TEST 3

			<p>chemical reactivity and lanthanoid contraction and its consequences.</p> <p>Actinoids - Electronic configuration, oxidation states and comparison with lanthanoids.</p> <p>5. Coordination Compounds (7 Marks)</p> <p>Introduction, ligands, coordination number, colour, magnetic properties and shapes, IUPAC nomenclature of mononuclear coordination compounds. Bonding, Werner's theory, VBT, and CFT; structure and stereoisomerism, the importance of coordination compounds (in qualitative analysis, extraction of metals and biological system).</p>	<p>Determination of one anion and one cation in a given salt. Cation: Pb^{2+}, Cu^{2+}, As^{3+}, Al^{3+}, Fe^{3+}, Mn^{2+}, Zn^{2+}, Ni^{2+}, Ca^{2+}, Sr^{2+}, Ba^{2+}, Mg^{2+}, NH_4^+</p> <p>Anions: CO_3^{2-}, S^{2-}, SO_3^{2-}, NO_2^-, SO_4^{2-}, Cl^-, Br^-, I^-, PO_4^{3-}, $\text{C}_2\text{O}_4^{2-}$, CH_3COO^-, NO_3^- (Note: Insoluble salts excluded)</p> <p>1. Exemplar NCERT https://ncert.nic.in/pdf/publication/exemplarproblem/classXII/chemistry/leep509.pdf</p>	
4	August, 2024	24	<p>6. HALOALKANES AND HALOARENES: (6 Marks)</p> <p>Haloalkanes: Nomenclature, nature of C–X bond, physical and chemical properties, optical rotation mechanism of substitution reactions.</p> <p>Haloarenes: Nature of C–X bond, substitution reactions (Directive influence of halogen in monosubstituted compounds only). Uses and environmental effects of dichloromethane, trichloromethane, tetrachloromethane, iodoform, freons, DDT.</p> <p>7. ALCOHOLS, PHENOLS AND ETHERS : (6 Marks)</p> <p>Alcohols: Nomenclature, methods of preparation, physical and chemical properties (of primary alcohols only), identification of primary, secondary and tertiary alcohols,</p>	<p>1. Mind maps of organic reactions</p> <p>2. Exemplar problems NCERT</p> <p>https://ncert.nic.in/pdf/publication/exemplarproblem/classXII/chemistry/leep510.pdf</p> <p>1. Mind map of chemical reactions</p> <p>2. Experimental demonstration of chemical properties of alcohols and phenols.</p>	PERIODIC/CUMULATIVE TEST 1

			<p>mechanism of dehydration, uses with special reference to methanol and ethanol.</p> <p>Phenols: Nomenclature, methods of preparation, physical and chemical properties, acidic nature of phenol, electrophilic substitution reactions, uses of phenols</p> <p>.Ethers: Nomenclature, methods of preparation, physical and chemical properties, uses.</p>	<p>3. Reactions of phenol, preparation and physical properties of ether https://diksha.gov.in/play/content/do_31347577187237068811554?referrer=utm_source%3Dmobile%26utm_campaign%3Dshare_content</p> <p>4. Chemical properties of Alcohols https://diksha.gov.in/play/content/do_3134757718354575361160?referrer=utm_source%3Dmobile%26utm_campaign%3Dshare_content</p> <p>5. Exemplar problems NCERT https://ncert.nic.in/pdf/publication/exemplarproblem/classXII/chemistry/leep511.pdf</p> <p>6. MCQ https://diksha.gov.in/play/content/do_31307602311417856110994?referrer=utm_source%3Dmobile%26utm_campaign%3Dshare_content</p> <p>PRACTICALS</p> <p>1. Tests for the functional groups present in organic compounds: Unsaturation, alcoholic, phenolic, groups. http://amrita.olabs.edu.in/?sub=73&brch=8&sim=141&cnt=1 oLab</p>	
5	September, 2024	22	<p>8.ALDEHYDES, KETONES AND CARBOXYLIC ACIDS : (8 Marks)</p> <p>Aldehydes and Ketones: Nomenclature, nature of carbonyl group, methods of preparation, physical and chemical properties, mechanism of nucleophilic addition, reactivity of alpha hydrogen in aldehydes, Uses.</p>	<p>1. Mind maps of organic reactions</p> <p>2. Demonstration of some chemical properties of carboxylic acids https://youtu.be/di4pMJciJ_Y</p> <p>ePathasala</p>	PERIODIC/CUMULATIVE TEST 2

			<p>Carboxylic Acids: Nomenclature, acidic nature, methods of preparation, physical and chemical properties; uses.</p>	<p>3. Nucleophilic addition reactions, oxidation and reduction of aldehydes and ketones https://diksha.gov.in/play/content/do_31347577194618880011556?referrer=utm_source%3Dmobile%26utm_campaign%3Dshare_content</p> <p>4. Test for aldehydes https://diksha.gov.in/play/content/do_31338232260381900812283?referrer=utm_source%3Dmobile%26utm_campaign%3Dshare_content</p> <p>5. Exemplar problems NCERT https://ncert.nic.in/pdf/publication/exemplarproblem/classXII/chemistry/leep512.pdf</p> <p>6. MCQ https://diksha.gov.in/play/content/do_3129960972655329281101?referrer=utm_source%3Dmobile%26utm_campaign%3Dshare_content</p> <p>PRACTICALS</p> <p>1. Tests for the functional groups present in organic compounds: aldehydic, ketonic, groups and carboxylic acid group.</p> <p>Tests to distinguish between pair of compounds like a) phenol and carboxylic acids b) aldehydes and ketones</p>	
6	October, 2024	16	<p>9. AMINES: (6 Marks) Nomenclature, classification, structure, methods of preparation, Physical and Chemical properties, uses and Identification of Primary, Secondary and Tertiary Amines</p>	<p>1. Mind maps for understanding of reactions. 2. Structure, Classification, Nomenclature and Preparation of Amines https://diksha.gov.in/play/content/do_3134757722716323841172?referrer=utm_source%3Dmobile%26utm_campaign%3Dshare_content</p>	MONTHLY TEST 4

			<p>Diazonium salts: Preparation, chemical reactions and importance in synthetic organic chemistry.</p>	<p>3. Preparation of diazonium salts https://diksha.gov.in/play/content/do_43134071698527846401948?referrer=utm_source%3Dmobile%26utm_campaign%3Dshare_content</p> <p>4. Exemplar problems NCERT https://ncert.nic.in/pdf/publication/exemplarproblem/classXII/chemistry/leep513.pdf</p> <p>5. MCQ https://diksha.gov.in/play/content/do_3129960973247119361100?referrer=utm_source%3Dmobile%26utm_campaign%3Dshare_content</p> <p>PRACTICAL</p> <p>1. Chromatography: Separation of pigments from extracts of leaves and flowers by paper chromatography and determination of R_f values. http://amrita.olabs.edu.in/?sub=73&brch=8&sim=133&cnt=1</p>	
7	November, 2024	22	<p>10. BIOMOLECULES (7Marks)</p> <p>Carbohydrates Classification (aldoses and ketoses), monosaccharides (glucose and fructose), D-L configuration oligosaccharides (sucrose, lactose, maltose), polysaccharides(starch, cellulose, glycogen);Importance of carbohydrates.</p> <p>Proteins -Elementary idea of amino acids, peptide bond, polypeptides, proteins, structure of proteins - primary, secondary, tertiary structure and quaternary structures (qualitative idea only), denaturation of proteins;</p> <p>enzymes. Hormones - Elementary idea excluding structure.</p>	<p>1. PPT on structure and reactions of glucose</p> <p>2.Monosaccharide: Glucose https://diksha.gov.in/play/content/do_43134071698528337921952?referrer=utm_source%3Dmobile%26utm_campaign%3Dshare_content</p> <p>3. Exemplar problems NCERT https://ncert.nic.in/pdf/publication/exemplarproblem/classXII/chemistry/leep514.pdf</p> <p>4. CCT QUESTIONS https://cbseacademic.nic.in/qbclass12.html</p> <p>PRACTICALS</p>	Pre Board 1

			Vitamins - Classification and functions. Nucleic Acids: DNA and RNA.	1. Characteristic tests of carbohydrates, fats and proteins in pure samples and their detection in given foodstuffs. http://amrita.olabs.edu.in/?sub=73&brch=8&sim=140&cnt=1	
8	December, 2024	18	REVISION	Investigatory Project	Pre Board 2
9	January, 2025	24	REVISION		Pre Board 3 (Optional) Model Practical exam
10	February, 2025	22	REVISION	PRACTICALS	PRACTICAL EXAMS FOLLOWED BY BOARD EXAMS
11	March, 2025		CBSE – Examination 2024 – 2025		

Sl. No.	Month	No of Working Days	Name of the Chapter/Topic to be covered	Teaching Aids/E-content/innovative practices	Test/examination to be conducted
1	April and May 2024	20	<p>Unit-VI: Reproduction</p> <p>Chapter-2: Sexual Reproduction in Flowering Plants Flower structure; development of male and female gametophytes; pollination - types, agencies and examples; out breeding devices; pollen-pistil interaction; double fertilization; post fertilization events - development of endosperm and embryo, development of seed and formation of fruit; special modes- apomixis, parthenocarpy, polyembryony; Significance of seed dispersal and fruit formation.</p> <p>Chapter-3: Human Reproduction Male and female reproductive systems; microscopic anatomy of testis and ovary; gametogenesis -spermatogenesis and oogenesis; menstrual cycle; fertilisation, embryo development upto blastocyst formation, implantation; pregnancy and placenta formation (elementary idea); parturition (elementary idea); lactation (elementary idea).</p>	<p>Models, Charts, Posters, Live Demonstration, Classroom activities, Experimentation, Art Integrated learning,, Videos, Mind maps</p> <p>https://diksha.gov.in/play/content/do_3129846783610060801133?referrer=utm_source%3Dmobile%26utm_campaign%3Dshare_content</p> <p>https://diksha.gov.in/play/collection/do_31307360996459315213259?referrer=utm_source%3Dmobile%26utm_campaign%3Dshare_content&contentId=do_31308792099179724813145</p>	Monthly Test
			<p>Chapter-4: Reproductive Health Need for reproductive health and prevention of Sexually Transmitted Diseases (STDs); birth control - need and methods. Contraception and medical termination of pregnancy (MTP); amniocentesis; infertility and</p>	<p>https://diksha.gov.in/play/content/do_31307170881985740811837?referrer=utm_source%3Dmobile%26utm_campaign%3Dshare_content</p>	Monthly test

			assisted reproductive technologies - IVF, ZIFT, GIFT (elementary idea for general awareness).		
2	June, 2024	8	<p>Unit-VII: Genetics and Evolution Chapter-5: Principles of Inheritance and Variation Heredity and Variation: Mendelian inheritance; deviations from Mendelism – incomplete dominance, co-dominance, multiple alleles and inheritance of blood groups, pleiotropy; elementary idea of polygenic inheritance; chromosome theory of inheritance; chromosomes and genes; Sex determination - in humans, birds and honey bee; linkage and crossing over; sex linked inheritance - haemophilia, colour blindness; Mendelian disorders in humans - thalassemia; chromosomal disorders in humans; Down's syndrome, Turner's and Klinefelter's syndromes.</p>	<p>Models, Charts, Posters, Live Demonstration, CBSE Based Activities, Power Point Presentation, Documentary Videos, Classroom-LAB interaction under Project JIGYASA You tube link: https://diksha.gov.in/play/content/do_31307171083725209611344?referrer=utm_source%3Dmobile%26utm_campaign%3Dshare_content</p>	Monthly Test
3	July, 2024	25	<p>Unit-VII: Genetics and Evolution Chapter-6: Molecular Basis of Inheritance Search for genetic material and DNA as genetic material; Structure of DNA and RNA; DNA Packaging; DNA replication; central Dogma, transcription, genetic code, translation, gene expression and regulation, lac Operon; Genome, Human and Rice genome projects; DNA fingerprinting. Chapter- 7: Evolution Origin of life; biological evolution and evidences for biological evolution (Paleontology, comparative anatomy, embryology and molecular evidences); Darwin's contribution, modern synthetic theory of evolution; mechanism of evolution - variation</p>	<p>Videos. https://diksha.gov.in/play/content/do_3131148910893711361160?referrer=utm_source%3Dmobile%26utm_campaign%3Dshare_content https://diksha.gov.in/play/content/do_31274793146189414414377?referrer=utm_source%3Dmobile%26utm_campaign%3Dshare_content</p>	Monthly Test

			(mutation and recombination) and natural selection with examples, types of natural selection; Gene flow and genetic drift; Hardy - Weinberg's principle; adaptive radiation; human evolution.		
4	August, 2024	24	<p>Unit-VIII: Biology and Human Welfare Chapter-8: Human Health and Diseases Pathogens; parasites causing human diseases (malaria, dengue, chikungunya, filariasis, ascariasis, typhoid, pneumonia, common cold, amoebiasis, ring worm) and their control; Basic concepts of immunology - vaccines; cancer, HIV and AIDS; Adolescence - drug and alcohol abuse</p> <p>Chapter-10: Microbes in Human Welfare Microbes in food processing, industrial production, sewage treatment, energy generation and microbes as bio-control agents and bio-fertilizers. Antibiotics; production and judicious use.</p> <p>Unit-IX: Biotechnology and its Applications Chapter-11: Biotechnology - Principles and Processes Genetic Engineering (Recombinant DNA Technology).</p>	<p>Videos, Field Trips/ Educational tour to nearby places</p> <p>https://diksha.gov.in/play/content/do_31307092876601753611224?referrer=utm_source%3Dmobile%26utm_campaign%3Dshare_content</p> <p>https://diksha.gov.in/play/content/do_3130709303286251521927?referrer=utm_source%3Dmobile%26utm_campaign%3Dshare_content</p> <p>https://diksha.gov.in/play/content/do_31361811898909491211169?referrer=utm_source%3Dmobile%26utm_campaign%3Dshare_content</p>	Monthly Test
5	September, 2024	22	<p>Chapter-12: Biotechnology and its Applications Application of biotechnology in health and agriculture: Human insulin and vaccine production, stem cell technology, gene therapy; genetically modified organisms - Bt crops; transgenic animals; biosafety issues, biopiracy and patents.</p> <p>Unit-X: Ecology and Environment</p>	<p>Models, Charts, Posters, Live Demonstration, Classroom activities, Experimentation, Power Point Presentation, Videos.</p> <p>https://diksha.gov.in/play/content/do_31328291720009318414057?referrer=utm_source%3Dmobile%26utm_campaign%3Dshare_content</p>	Half Yearly Exam

			Chapter-13: Organisms and Populations Population interactions - mutualism, competition, predation, parasitism; population attributes - growth, birth rate and death rate, age distribution. (Topics excluded: Organism and its Environment, Major Abiotic Factors, Responses to Abiotic Factors, Adaptations)	https://diksha.gov.in/play/content/do_31347577388331827211602?referrer=utm_source%3Dmobile%26utm_campaign%3Dshare_content	
6	October, 2024	16	Chapter-14: Ecosystem Ecosystems: Patterns, components; productivity and decomposition; energy flow; pyramids of number, biomass, energy (Topics excluded: Ecological Succession and Nutrient Cycles)	https://diksha.gov.in/play/content/do_431340651786856038411092?referrer=utm_source%3Dmobile%26utm_campaign%3Dshare_content	Monthly Test
7	November, 2024	22	Chapter-15: Biodiversity and its Conservation Biodiversity-Concept, patterns, importance; loss of biodiversity; biodiversity conservation; hotspots, endangered organisms, extinction, Red Data Book, Sacred Groves, biosphere reserves, national parks, wildlife, sanctuaries and Ramsar sites 2. Review and Reteaching of difficult content/ Concepts. Need based teaching	https://diksha.gov.in/play/content/do_31333862533151948815527?referrer=utm_source%3Dmobile%26utm_campaign%3Dshare_content	I PRE -BOARD EXAM
8	December, 2024	18	1. Error Analysis and Remediation based on PB 1 performance	Biology_SrSec_2024-25.pdf (cbseacademic.nic.in)	II PRE -BOARD EXAM
9	January, 2025	24	1.Revision	Remediation based on performance in PB exams.	
10	February, 2025	22	1.Revision 2.Board Practical Examination		CBSE Practical Examination
11	March, 2025				CBSE – Examination 2024 – 2025

Sl. No.	Month	No of Working Days	Name of the Chapter/Topic to be covered	Teaching Aids/E-content/innovative practices	Test/examination to be conducted
1	April-May 2024	20	Revision of List, Dictionary Data Handling using Pandas -I Introduction to Python libraries- Pandas, Matplotlib. Data structures in Pandas - Series and data frames. Series: Creation of series from ndarray, dictionary, scalar value; mathematical operations; series attributes, head and tail functions; selection, indexing and slicing.		Class Test /Monthly Test
2	June-July	33	Data Frames: creation - from dictionary of Series, list of dictionaries, Text/CSV files; display; iteration; Operations on rows and columns: add, select, delete, rename; Head and Tail functions; Indexing using Labels, Boolean Indexing; Importing/Exporting Data between CSV files and Data Frames. Data Visualization Purpose of plotting; drawing and saving following types of plots using Matplotlib – line plot, bar graph, histogram Customizing plots: adding label, title, and legend in plots.		Class Test /Monthly Test
3	August	24	Database Query using SQL Revision of database concepts and SQL commands covered in class XI: Database Concepts: Introduction to database concepts and its need, Database Management System. Relational data model: Concept of domain, tuple, relation, candidate key, primary key, alternate key Advantages of using Structured Query Language, Data Definition Language, Data Query Language and Data Manipulation Language, Introduction to MySQL, creating a database using MySQL, Data Types Data Definition: CREATE DATABASE, CREATE TABLE, DROP, ALTER Data Query: SELECT, FROM, WHERE with relational operators, BETWEEN, logical operators, IS NULL, IS NOT NULL Data Manipulation: INSERT, DELETE, UPDATE		Class Test /Monthly Test
4	September	22	Unit 2: Database Query using SQL Math functions: POWER (), ROUND (), MOD (). Text functions: UCASE ()/ UPPER (), LCASE ()/		HALF YEARLY EXAM

			LOWER (), MID ()/ SUBSTRING () /SUBSTR (), LENGTH (), LEFT (), RIGHT (), INSTR (), LTRIM (), RTRIM (), TRIM (). Date Functions: NOW (), DATE (), MONTH (), MONTHNAME (), YEAR (), DAY (), DAYNAME (). Aggregate Functions: MAX (), MIN (), AVG (), SUM (), COUNT (); using COUNT (*). Querying and manipulating data using Group by, Having, Order by. Working with two tables using equi-join		
5	October	16	Unit 3: Introduction to Computer Networks Introduction to networks, Types of networks: LAN, MAN, WAN. Network Devices: modem, hub, switch, repeater, router, gateway Network Topologies: Star, Bus, Tree, Mesh. Introduction to Internet, URL, WWW, and its applications- Web, email, Chat, VoIP. Website: Introduction, difference between a website and webpage, static vs dynamic web page, web server and hosting of a website. Web Browsers: Introduction, commonly used browsers, browser settings, add-ons and plug-ins, cookies.		Class Test /Monthly Test
6	November	22	Unit 4: Societal Impacts Digital footprint, net and communication etiquettes, data protection, intellectual property rights (IPR), plagiarism, licensing and copyright, free and open-source software (FOSS), cybercrime and cyber laws, hacking, phishing, cyber bullying, overview of Indian IT Act. E-waste: hazards and management. Awareness about health concerns related to the usage of technology. Comprehensive Revision		Pre-Board 1
7	December	18	Comprehensive Revision, Project Completion		Pre-Board 2
8	January 2025	24	Comprehensive Revision		CBSE Practicals
9	February	22	Comprehensive Revision, AISSCE Practical Examination		
12	March	CBSE – Examination 2024 – 2025			
CBSE curriculum 2024-25 – Class XII Informatics Practices			https://www.cbseacademic.nic.in/web_material/CurriculumMain25/SrSec/Informatics_Practices_SrSec_2024-25.pdf		
NCERT Text Book: (Rationalised Content)			https://ncert.nic.in/textbook.php?leip1=0-7		
Question Bank			https://cbseacademic.nic.in/web_material/QuestionBank/ClassXII/InformaticsPracticesXII.pdf		

Sl. No.	Month	No of Working Days	Name of the Chapter/Topic to be covered	Teaching Aids/E-content/innovative practices	Test/examination to be conducted
1	April-May 2024	20	<p>Unit I: Computational Thinking and Programming – 2</p> <ul style="list-style-type: none"> • Revision of Python topics covered in Class XI. (Introduction, conditional statements, iteration, String, List, Tuple, Dictionary, random module) 		Class Test /Monthly Test
2	June-July	33	<ul style="list-style-type: none"> • Functions: types of function (built-in functions, functions defined in module, user defined functions), creating user defined function, arguments and parameters, default parameters, positional parameters, function returning value(s), flow of execution, scope of a variable (global scope, local scope) • Exception Handling: Introduction, handling exceptions using try-except-finally blocks • Introduction to files, types of files (Text file, Binary file, CSV file), relative and absolute paths • Text file: opening a text file, text file open modes (r, r+, w, w+, a, a+), closing a text file, opening a file using with clause, writing/appending data to a text file using write() and writelines(), reading from a text file using read(), readline() and readlines(), seek and tell methods, manipulation of data in a text file 		Class Test /Monthly Test
3	August	24	<ul style="list-style-type: none"> • Binary file: basic operations on a binary file: open using file open modes (rb, rb+, wb, wb+, ab, ab+), close a binary file, import pickle module, dump() and load() method, read, write/create, search, append and update operations in a binary file 		Class Test /Monthly Test

			<ul style="list-style-type: none"> • CSV file: import csv module, open / close csv file, write into a csv file using csv.writerow() and read from a csv file using csv.reader() • implementation of stack using list. Introduction to queue, operations on queue (enqueue, dequeue, is empty, peek, is full), implementation of queue using list. 		
4	September	22	<p>Unit II: Computer Networks • Evolution of networking: introduction to computer networks, evolution of networking (ARPANET, NSFNET, INTERNET) • Data communication terminologies: concept of communication, components of data communication (sender, receiver, message, communication media, protocols), measuring capacity of communication media (bandwidth, data transfer rate), IP address, switching techniques (Circuit switching, Packet switching) • Transmission media: Wired communication media (Twisted pair cable, Co-axial cable, Fiber-optic cable), Wireless media (Radio waves, Micro waves, Infrared waves) • Network devices (Modem, Ethernet card, RJ45, Repeater, Hub, Switch, Router, Gateway, WIFI card) • Network topologies and Network types: types of networks (PAN, LAN, MAN, WAN), networking topologies (Bus, Star, Tree) • Network protocol: HTTP, FTP, PPP, SMTP, TCP/IP, POP3, HTTPS, TELNET, VoIP, wireless/mobile communication protocol such as GSM, GPRS and WLL • Mobile telecommunication technologies: 1G, 2G, 3G, 4G and 5G • Introduction to web services: WWW, Hyper Text Markup Language (HTML), Extensible Markup Language (XML), domain names, URL, website, web browser, web servers, web hosting</p> <p>Unit III: Database Management • Database concepts: introduction to database concepts and its need • Relational data model: relation, attribute, tuple, domain, degree, cardinality, keys (candidate key, primary key, alternate key, foreign key) • Structured Query Language: introduction, Data Definition Language and Data Manipulation Language, data type (char(n), varchar(n), int, float, date), constraints (not null, unique, primary key), create database, use database, show databases, drop database, show tables, create table, describe table, alter table (add and remove an attribute, add and remove primary key), drop table, insert, delete</p>		Class Test /Monthly Test

5	October	16	Select, operators (mathematical, relational and logical), aliasing, distinct clause, where clause, in, between, order by, meaning of null, is null, is not null, like, update command, delete command, aggregate functions (max, min, avg, sum, count), group by, having clause, joins: cartesian product on two tables, equi-join and natural join		HALF YEARLY
6	November	22	• Interface of python with an SQL database: connecting SQL with Python, performing insert, update, delete queries using cursor, display data by using fetchone(), fetchall(), rowcount, creating database connectivity applications		Pre-Board 1
7	December	18	Comprehensive Revision, Project Completion		Pre Board II
8	January 2025	24	Comprehensive Revision		PRACTICALS
9	February	22	Comprehensive Revision, AISSCE Practical Examination		
12	March	CBSE – Examination 2024 – 2025			
CBSE curriculum 2024-25 – Class XII Computer Science				https://www.cbseacademic.nic.in/web_material/CurriculumMain25/SrSec/Computer_Science_SrSec_2024-25.pdf	
CBSE Text Book:				https://cbseacademic.nic.in/web_material/doc/cs/2_Computer_Science_Python_ClassXII.pdf	
NCERT Text Book: (Rationalised Content)				https://ncert.nic.in/textbook.php?lecs1=ps-13	
Question Bank				https://cbseacademic.nic.in/web_material/QuestionBank/ClassXII/ComputerScienceXII.pdf	

Sl. No.	Month	No of Working Days	Name of the Chapter/Topic to be covered	Teaching Aids/E-content/ Innovative practices	Test/examination to be conducted
1	April- May 2024	20	<p>Fundamentals of Human Geography</p> <p>1. Human Geography : Nature and scope 2. The World Population - distribution, density and growth</p> <p>India : People and Economy 1. Population Distribution Density Growth and Composition</p> <p>Practical Geography 1. Data-its source and Compilation</p>	<ul style="list-style-type: none"> Preparation of concept map of the chapter explaining the following: Definition of Human Geography, nature, scope, schools of thought, and branches of Human Geography. 'Both physical and human phenomena are described in metaphors using symbols from the human anatomy'. Collect such terms and expressions from your own language. Case Study on determinism and possibilism given in the text book to explain the concept Mark the ten most populous countries on the world map Draw a bar diagram showing the population of ten most populous countries using the latest data from live population counter. Consulting a geography dictionary – terms related to population- Birth rate, Death Rate, Migration, sex ratio- https://ncert.nic.in/pdf/publication/otherpublications/tidog101.pdf CCT questions based on Fig 2.2 – Demographic Transition theory Has someone in your family migrated? Write about her/his place of destination. What made her/him migrate? Students can be asked to find out the density of population of their respective state/district/city. Learners to use School Bhuvan NCERT Web portal to observe thematic maps e.g. the relief map of India and maps showing population density- https://bhuvan-app1.nrsc.gov.in/mhrd_ncert/ World Population and its elements- Comic Book https://diksha.gov.in/play/collection/do_31321952149309849612945?contentId=do_31321903669325824012150 Graphical representation of population growth phases of India. Learners may be encouraged to consult Census of India website - https://censusindia.gov.in Prepare a choropleth map showing the state wise density of population of India. Prepare a dot map showing the distribution of India's Population 	Monthly test

				<ul style="list-style-type: none"> On a India map show State with highest population density & state with lowest population density (2011) 	
2	June, 2024	08	Fundamentals of Human Geography 3. Human Development 4. Primary Activities	<ul style="list-style-type: none"> Enacting a play to show how choices get limited due to lack of capability in areas of income, health care and education. Interview a lady vegetable vendor, cobbler and a sweeper in the community and note how their opportunities were limited because of gender, caste and income. Cartoon(given in the textbook) Analysis- What is meaningful life? The Government of India has introduced Beti Bachao Beti Padhao programme to address the issue of decline in child sex ratio. Discuss with your peers how it will lead to more meaningful life for girls- https://wcd.nic.in/bbbp-schemes Mark the country with the highest and lowest human development index as per the latest human development report https://hdr.undp.org/data-center/human-development-index#/indicies/HDI Brain Storming- India was 126th in Human Development Index as per Human Development Report, 2006. According to HDI report 2020, India's rank has further gone down to 131. What could be the reason for India to be behind 130 countries in HDI? Make a list of the ten most corrupt countries and ten least corrupt countries. Compare their scores on the human development index. What inferences can you draw? Class discussion about human activities practiced by human which are influenced by geographical conditions. Prepare a concept map showing the characteristics of different types of farming On a world map show Areas of subsistence gathering (Fig 4.2) • Major areas of nomadic herding of the world (4.4) • Major areas of commercial livestock rearing (4.6) • Major areas of extensive commercial grain farming (4.12) Major areas of mixed farming of the World (4.14) 	Monthly Test
3	July, 2024	25	India People and Economy 2. Human Settlements 3. Land Resources and Agriculture 4. Water Resources	<ul style="list-style-type: none"> Connecting chapter with Bhuvan Map by ISRO https://bhuvan-app1.nrsc.gov.in/mhrd_ncert/ Human settlement- e comic book https://diksha.gov.in/play/collection/do_3132247024243998721589?contentId=do_3132245109099806721283 	Monthly test

			<p>Practical Geography 2. Data Processing</p>	<ul style="list-style-type: none"> • The students will prepare a line graph to show the growth of urban population in India since 1901. • The students will mark and label the million plus cities of all the states on a political map of India. • Tabular depiction of different crops, required condition for growing and their distribution. • The students will prepare pie graphs to show the land use categories in 1950-51 and 1914-15. • On a India Map show Leading producing states of the following crops: (a) Rice (b) Wheat (c) Cotton (d) Jute (e) Sugarcane (f) Tea and (g) Coffee • Students may be asked to suggest different methods of water conservation by using modern technology. • Case Study Ralegaon Siddhi https://youtu.be/5nq8wcDyrYQ • Watershed development- Arvary Pani Sansad https://www.youtube.com/watch?v=N-qlyXE8KFc • Calculate Mean, Median and Mode using direct and indirect method 	
4	August, 2024	24	<p>Fundamentals of Human Geography</p> <p>5. Secondary activities 6. Tertiary and Quaternary Activities</p> <p>India People and Economy 5. Mineral And Energy Resources 6. Planning and Sustainable Development in Indian Context</p>	<ul style="list-style-type: none"> • The students can be asked to prepare a sketch, poster, poem or write-up about the environmental conditions surrounding an industry. • The students can be taken out for a visit to local industry and asked to prepare a report on their observations regarding raw material used, finished product, production process, labour inputs, environmental impact and social responsibility. • Agri business- https://www.investopedia.com/terms/a/agribusiness.asp • Prepare a flow chart showing the types of industries on various basis • Make a list of departmental stores and chain stores that you visit regularly • Class discussion on: How convenient and beneficial is the fast-growing service sector in the world. • Outsourcing - https://www.investopedia.com/terms/o/outsourcing.asp • Prepare a table to present the spatial pattern of the following minerals under the given headings: (Properties, Total Reserves, Distribution, Mines) • Prepare a presentation on the topic ‘Agencies Involved in Mining in India’ • A debate may be organized on topic “ Limit to growth” 	Monthly test

				<ul style="list-style-type: none"> • Indira Gandhi Canal https://www.youtube.com/watch?v=RJAjQgyQwkg • Indira Gandhi Canal- The beginning stage https://www.youtube.com/watch?v=DMpHyLdLXZ0 	
5	September, 2024	22	<p>Fundamentals of Human Geography</p> <p>7. Transport, Communication and Trade India People and Economy 7. Transport and Communication</p> <p>Practical Geography 3. Graphical representation of Data</p>	<ul style="list-style-type: none"> • Students can be asked to do a survey of their class about the means of transport being used by students to reach school. Prepare a Bar diagram with the help of the data collected. • Analyse the connection between physical landscape and development of various modes of transport. • Suez Canal- https://www.youtube.com/watch?v=nhArtB3JtuE • Panama Canal-https://www.youtube.com/watch?v=SK_CNbv1bis • On the world map show Terminal Stations of Transcontinental Railways– Trans-Siberian, Trans Canadian, Trans-Australian Railways • Collect information on Bharatmala and Setubharatam Pariyojana and share it with your peer group. https://www.india.gov.in/spotlight/bharatmala-pariyojana-stepping-stone-towards-new-india • Mark and label the major sea ports and airports on an outline map of India. <ul style="list-style-type: none"> • Major Sea Ports: Kandla, Mumbai, Marmagao, Kochi, Mangalore, Tuticorin, Chennai, Vishakhapatnam, Paradwip, Haldia • International Air ports: Ahmedabad, Mumbai, Bengaluru, Chennai, Kolkata, Guwahati, Delhi, Amritsar, Thiruvananthapuram & Hyderabad. • Practice Items- Practical 3 https://diksha.gov.in/play/collection/do_31310347542408396811497?contentId=do_31309370322477875211365 	Monthly test of covered chapters during the month
6	October, 2024	16	<p>Fundamentals of Human Geography</p> <p>8. International Trade</p> <p>India People and Economy 8. International Trade</p>	<ul style="list-style-type: none"> • Discuss: How International trade was carried out in the past vis-a-vis present times. • Mark the silk route on the world map .Show the items or commodities exchanged along the routes from various countries. • Study the data given on table 8.1 and compare world import and export to calculate balance of trade and analyse its implication • Mark and label the headquarters of WTO on an outline world map. 	Half Yearly

				<ul style="list-style-type: none"> • Think of some reasons why dumping is becoming a serious concern among trading nations? • Make a list of India's major trading partners and identify these countries on a world map. • Symposium on the role of WTO in modern day international trade. 	
7	November, 2024	22	India People and Economy 9. Geographical Perspective on selected issues and problems Practical Geography 4. Spatial Information Technology	<ul style="list-style-type: none"> • List the major sources of water pollution, air pollution, noise pollution and land pollution. • Prepare a poster to create awareness about Namami Gange Programme. • Namami Gange https://www.youtube.com/watch?v=Crfqx4RB3rg • Speak to a rag picker and try to find out what he/she does with the waste. • 	I Pre Board II Pre Board
8	December, 2024	18	Revision		
9	January, 2025	24	Revision	<ul style="list-style-type: none"> • Study Material 	Practical Exam
10	February, 2025	22	Revision	<ul style="list-style-type: none"> • Study Material 	Revision
11	March, 2025		CBSE – Examination 2024 – 2025	<ul style="list-style-type: none"> • Study Material 	

Sl. No.	Month	No of Working Days	Name of the Chapter/Topic to be covered	Teaching Aids/E-content/innovative practices	Test/examination to be conducted
1	April & May 2024	20	<p>Part A: Introductory Macroeconomics Unit 1: National Income and Related Aggregates</p> <p>What is Macroeconomics? Basic concepts in macroeconomics: consumption goods, capital goods, final goods, intermediate Goods; stocks and flows; gross investment and depreciation. Circular flow of income (two sector model); Methods of calculating National Income - Value-added or Product Method, Expenditure method, Income method. Aggregates related to National Income: Gross National Product (GNP), Net National Product (NNP), Gross Domestic Product (GDP) and Net Domestic Product (NDP) - at market price, at factor cost; Real and Nominal GDP. GDP Deflator GDP and Welfare</p>	<p>PPT Presentation, Quiz mind map, flowchart and selection of topic for project work. https://diksha.gov.in/play/collection/do_3131034754331115521988?contentId=do_31307971129532416018352</p>	<p>Monthly Test (Objective type/MCQ questions, short answer questions, long answer questions including competency based and case based questions.)</p>
			<p>Unit 2: Money and Banking: Money meaning and functions, supply of money - Currency held by the public and net demand deposits held by commercial banks.</p> <p>Money creation by the commercial banking system.</p> <p>Central bank and its functions (example of the Reserve Bank of India): Bank of issue, Govt. Bank, Banker's Bank, Control of Credit through Bank Rate, CRR, SLR, Repo Rate and Reverse Repo Rate, Open Market Operations, Margin Requirement.</p>	<p>PPT Presentation, Competency based questions, Case study on impact and effect of Repo Rate change.</p> <p>Collection of material related to project and review of literature.</p> <p>https://diksha.gov.in/play/collection/do_3132247019818434561756?contentId=do_3132245099286118401377</p>	<p>Monthly Test (Objective type/MCQ questions, short answer questions, long answer questions including competency based and case based questions.)</p>
2	June, 2024	8	<p>Part B: Indian Economic Development Unit 6: Development Experience (1947-90) and Economic Reforms since 1991:</p>	<p>Use of PPT Presentation, MCQs related to this topic and Quizzes. https://bit.ly/indiaontheeveofindependence</p>	<p>Monthly Test (Objective type/MCQ questions, short answer questions, long answer questions including</p>

			<p>A brief introduction of the state of Indian economy on the eve of independence. Indian economic system and common goals of Five Year Plans.</p> <p>Main features, problems and policies of agriculture (institutional aspects and new agricultural strategy), industry (IPR 1956; SSI – role & importance) and foreign trade.</p>		competency based and case based questions.)
3	July, 2024	25	<p>Unit 6: Economic Reforms 1991 Features and appraisals of liberalisation, globalisation and privatisation (LPG policy); Concepts of demonetization and GST</p> <p>Unit 4: Government Budget and the Economy- Government budget - meaning, objectives and components. Classification of receipts - revenue receipts and capital receipts; Classification of expenditure – revenue expenditure and capital expenditure. Balanced, Surplus and Deficit Budget – Measures of government deficit.</p>	<p>Use of PPT Presentation, Case study and Assertion based questions Application oriented questions, questions related to Deficit budget, Collection of data for project work. https://diksha.gov.in/play/collection/do_3131034754331115521988?contentType=do_31308784876277760013314</p>	Monthly Test (Objective type/MCQ questions, short answer questions, long answer questions including competency based and case based questions.)
4	August, 2024	24	<p>Unit 5: Balance of Payments Balance of payments Account - meaning and components; Balance of payments – Surplus and Deficit Foreign exchange rate - meaning of fixed and flexible rates and managed floating. Determination of exchange rate in a free market, Merits and demerits of flexible and fixed exchange rate. Managed Floating exchange rate system.</p> <p>Unit 7: Current challenges facing Indian Economy Human Capital Formation: How people become resource; Role of human capital in economic development; Growth of Education Sector in India</p>	<p>Use of PPT Presentation, Chart depicting structure of Balance of Payment Accounts. Application oriented Questions, Debate, Quiz, case study related to New Education Policy. https://diksha.gov.in/play/collection/do_3131034754331115521988?contentType=do_31311197655386521611106</p>	Monthly Test (Objective type/MCQ questions, short answer questions, long answer questions including competency based and case based questions.)
5	September, 2024	22	<p>Unit-7 Current challenges facing Indian Economy continued</p> <p>Rural development: Key issues - credit and marketing - role of cooperatives;</p>	<p>Use of PPT Presentation, Case Study, Competitive based questions, MCQs</p>	Monthly Test (Objective type/MCQ questions, short answer questions, long answer questions including

			<p>agricultural diversification; alternative farming - organic farming</p> <p>Employment: Growth and changes in work force participation rate in formal and informal sectors; problems and policies</p> <p>Sustainable Economic Development: Meaning, Effects of Economic Development on Resources and Environment, including global warming</p>	<p>https://bit.ly/indianruraldevelopment Transforming Rural India, Ministry of Rural Development Government of India</p> <p>https://bit.ly/employmentandinformatisation United Nations Department of Economic and Social Affairs https://sdgs.un.org/goals</p> <p>https://bit.ly/sustainabledevelopmentinindia</p>	<p>competency based and case based questions.)</p>
6	October, 2024	16	<p>Unit 3: Determination of Income and Employment Aggregate demand and its components. Propensity to consume and propensity to save (average and marginal). Short-run equilibrium output; investment multiplier and its mechanism. Meaning of full employment and involuntary unemployment. Project Work in Economics</p>	<p>Use of PPT Presentation, Case Study, Debate, and Value based questions. https://diksha.gov.in/play/collection/do_3131034754331115521988?contentId=do_3130881157936087041739</p>	<p>Half Yearly Exam (Objective type/MCQ questions, short answer questions, long answer questions including competency based and case based questions.)</p>
7	November, 2024	22	<p>Unit 3: Determination of Income and Employment CONTD... Problems of excess demand and deficient demand; measures to correct them - changes in government spending, taxes and money supply. Unit 8: Development Experience of India: A comparison with neighbours India and Pakistan India and China Issues: economic growth, population, sectorial development and other Human Development Indicators Revision work</p>	<p>Compare different development indicators of India, Pakistan and China https://bit.ly/3MItIZ3</p>	<p>Objective type/MCQ questions, short answer questions, long answer questions including competency based and case based questions. Pre-board 1</p>

8	December, 2024	18	Revision work		As per CBSE sample paper 2023-24. (Objective type/MCQ questions, short answer questions, long answer questions including competency based and case based questions.) Pre-board 2
9	January, 2025	24	Submission of Project work		As per CBSE sample paper 2023-24. (Objective type/MCQ questions, short answer questions, long answer questions including competency based and case based questions.) Practicals
10	February, 2025	22	CBSE PRACTICALS & Revision work		
11	March, 2025		CBSE – Examination 2024– 2025		

Useful E-resources

Introductory Macroeconomics	https://ncert.nic.in/textbook.php?leec1=0-6
Indian Economic Development	https://ncert.nic.in/textbook.php?keec1=0-8
ZIET Bhubaneswar Online; Objective type question bank for class XII Economics	https://zietbbsronline.blogspot.com/p/economics.html?m=1
Study Material 2023-24 KVS Bengaluru Region	https://drive.google.com/drive/folders/12svYCApi4HvCvJpNJGFzBCMapBPpPKSG?usp=sharing
Student support material 2022-23 KVS RO Ernakulam	https://drive.google.com/file/d/1-wjeq80U7107jFj0eCzJ94HoazrjTyqy/view
Study Material, KVS Guwahati Region.	https://drive.google.com/file/d/1vJ80mpnpUMHLOJfKPKTISmwWRkGlpZuS/view
Multiple Choice Question Bank, KVS RO Raipur.	https://rorapur.kvs.gov.in/sites/default/files/Economics_Final_XII.pdf
Multiple Choice Question Bank, KVS RO Hyderabad.	https://drive.google.com/file/d/11W7MoEYnudq5mZks7XKdjkGPGATNvOV3/view

Question Bank, KVS RO Jabalpur region.	https://kvsrojabalpur.in/QuestionBank/class12/economics.pdf
Economic Survey, Government of India	https://www.indiabudget.gov.in/economicsurvey/relatedlinks.php
Department of Economic Affairs data & Statistics	https://dea.gov.in/data-statistics
National Portal of India.	https://www.india.gov.in/topics
Summary of Economic Survey of India 2022-23	https://pib.gov.in/PressReleasePage.aspx?PRID=1894932
Reserve Bank of India	https://www.rbi.org.in/
Hand book of Statistics on Indian Economy	https://bit.ly/41kZak5
World Bank Data/India	https://data.worldbank.org/country/IN
National Factsheet on Indian Economy; Ministry of Statistics and Programme Implementation, Government of India	https://www.mospi.gov.in/national_factsheet/
National Sample Survey Reports	https://bit.ly/3M6Xoyx
Economic Survey, Government of India	https://www.indiabudget.gov.in/economicsurvey/relatedlinks.php

Class: XII		No of working days	SUBJECT – HISTORY	(027)
S. NO.	MONTH		NAME OF THE THEME	
1	APRIL and MAY 2024	20	Bricks, Beads and Bones The Harappa Civilization	Monthly Test
			Kings, Farmers and Towns Early States and Economies (c.600 BCE600 CE)	
2	JUNE	8	Kingship, Caste and class Early Societies (c. 600 BCE600 CE)	
3	JULY	25	Thinkers, Beliefs and Buildings Cultural Developments (c. 600 BCE600 CE)	Monthly Test
			Through the eyes of Travelers Perceptions of Society (c. tenth to seventeenth centuries)	
4	AUGUST	24	Bhakti-Sufi Traditions Changes in Religious Beliefs and Devotional Texts (c. eighth to eighteenth centuries)	Monthly Test
			An Imperial Capital – Vijayanagar (c. fourteenth to sixteenth centuries)	
5	SEPTEMBER	22	Peasants, zamindars and the States Agrarian Society and the Mughal Empire (c. sixteenth-seventeenth centuries)	Half Yearly
			Colonialism and The Countryside Exploring Official Archives	
6	OCTOBER	16	Rebels and Raj 1857 Revolt and its Representations	Monthly Test
			Mahatma Gandhi and the National Movement Civil Disobedience and Beyond	
7	NOVEMBER	22	Framing of the Constitution The Beginning of a New Era	1 st Pre Board
			PRE-BOARD EXAM-1 REGIONAL LEVEL	

8	DECEMBER	18	REVISION & MAP WORK OF RELATED THEMES	2nd Pre Board
9	JANUARY	24	REVISION & PROJECT WORK	
10	FEBRUARY	22	REVISION OF SYLLABUS	
11	MARCH			CBSE BOARD EXAM

Sl.No.	Month	Tentative no of working days	UNIT AND CHAPTER	Teaching Aids/E-content/Innovative practices to be adopted	Test / Examination to be conducted
1.	April & May2024	20	Nature and Significance of Management Principles of Management.	https://ncert.nic.in/textbook.php?lebs1=1-8 <ul style="list-style-type: none"> Understand the concept of management by students with day to day examples and their importance and objectives. Examine the nature of management as a science, art and profession. https://obj.diksha.gov.in/ntp-content-production/content/assets/do_31308579492049715212848/1252-business-xii-ch1-ep2.mp4 v PPT, YouTube video. Worksheets Understand the role of top, middle and lower levels of management. Discuss the concept and characteristics of coordination among the students by role play Multiple Choice Question should be framed and LSA types given to the students https://drive.google.com/file/d/1DkfYmkSwOkHR2qiUcJM0cHXdNNd1LMN/view?usp=drivesdk https://ncert.nic.in/textbook.php?lebs1=2-8 https://ncert.nic.in/textbook.php?lebs1=3-8 https://ncert.nic.in/textbook.php?lebs1=4-8 4CGkesYn_iHv1h2fEDtD5Mbknc/view?usp=drivesdk <ul style="list-style-type: none"> Mind map of chapter will help the students to recapitulation Understand the concept of principles of management and explain the significance of management principles. 	Monthly Test/ Slip test
			Business Environment	<ul style="list-style-type: none"> Newspaper & magazine reading, role play and Imagine some changes in the business environment and their effects on the business and individuals and society as a whole:- 1. After effects of COVID 19 	

				<ul style="list-style-type: none"> • 2. Demonetization • 3. Increase in GST on medicines • 4. Restrictions on foreign investments • Inquiry based learning: inquiry-based learning uses different approaches to learning, including small-group discussion and guided learning. Instead of memorizing facts and material, students learn by doing. This allows them to build knowledge through exploration, experience, and discussion. • Work sheet and MCQ and caser study problems to be given to the students. 	Slip Test
2.	June	8	Planning	<p>Understand the concept of planning. Describe the importance of planning and understand the limitations of planning. Develop an understanding of single use and standing plans by examples</p> <ul style="list-style-type: none"> • Students will Describe objectives, policies, etc • Introducing real life Examples and Question answer session 	Slip Test
3.	July	25	Organizing Staffing	<p>https://ncert.nic.in/textbook.php?lebs1=5-8 https://drive.google.com/file/d/1UAiFqMrWwcB2J09O0GLQU2ibf6MVt6bf/view?usp=drivesdk https://ncert.nic.in/textbook.php?lebs1=6-8</p> <ul style="list-style-type: none"> • Introducing real life Examples and Question answer session • Describe functional and divisional structures of organization with the examples of departments of organization • PPT and Digital Content would be shared 	Monthly Test
4.	August	24	Directing Controlling	<p>https://ncert.nic.in/textbook.php?lebs1=7-8 https://ncert.nic.in/textbook.php?lebs1=8-8</p> <ul style="list-style-type: none"> • Describe the concept of directing and discuss the importance of directing • Hearing motivational speech of different speakers • Discussion on leadership skills of Tata • Activities for emphasizing the importance of communication • The concept of controlling. Explain the importance of controlling. • Develop an understanding of Maslow's Hierarchy of needs. Discuss the various financial and non-financial incentives with real life examples • Multiple Choice Question should be framed and LSA types given to the students 	Monthly Test

				<ul style="list-style-type: none"> • Mind map of chapter will help the students to recapitulation • PPT, YouTube video. Worksheets https://drive.google.com/file/d/1Av11G8zGADd9RNe9qYkdexm_g4HBBDh6/view?usp=share_link	
5.	September	22	Financial Management Financial Markets	https://nios.ac.in/media/documents/SrSec319NEW/319_Bus_Studies_Eng/319_Bus_Studies_Eng_Lesson18.pdf https://ncert.nic.in/textbook.php?lebs2=2-3 <ul style="list-style-type: none"> • Understand the concept of financial management. Explain the role of financial management in an organisation. • Give the meaning of a stock exchange. Explain the functions of a stock exchange and discuss the trading procedure in a stock exchange by demo class presented by students. • Multiple Choice Question should be framed and LSA types given to the students • Mind map of chapter will help the students to recapitulation • PPT, YouTube video. Work sheet and MCQ and caser study problems to be given to the students 	Half Yearly Exam
6.	October	16	Marketing Management	<ul style="list-style-type: none"> • Understand the concept of marketing. Explain the features of marketing and discuss the functions of marketing. • Explain the marketing philosophies with examples. • Multiple Choice Question should be framed and LSA types given to the students • Mind map of chapter will help the students to recapitulation https://drive.google.com/file/d/1Ay0POYKzRfW23xdzmkFrwaCY47spKjzO/view?usp=drivesdk <ul style="list-style-type: none"> • Work sheet and MCQ and caser study problems to be given to the students 	Monthly test
7.	November	22	Marketing Management contd. Consumer Protection Revision/Project First Pre board exam	https://ncert.nic.in/textbook.php?lebs2=3-3 <ul style="list-style-type: none"> • Understand the concept of consumer protection. Describe the importance of consumer protection. • Discuss the scope of Consumer Protection Act, 2019 • Examine the remedies available to the consumer under Consumer Protection Act, 2019. And discuss among the students <p>* NCERT Text book ,PPT, YouTube videos and E content and work sheets</p> <ul style="list-style-type: none"> • Mind map of chapter will help the students to recapitulation 	Pre Board- I

8.	December	18	Revision and 2 nd Pre-Board Examination	https://cbseacademic.nic.in/web_material/QuestionBank/ClassXII/BusinessStudiesXII.pdf https://cbseacademic.nic.in/web_material/Circulars/2012/77_BS_C-12_annexure.pdf	Pre-Board II
9.	January 2025	24	Revision and Model and Board practical	https://cbseacademic.nic.in/web_material/SQP/ClassXII_2023_24/BusinessStudies-SQP.pdf https://cbseacademic.nic.in/web_material/SQP/ClassXII_2023_24/BusinessStudies-MS.pdf	
10.	February	22	Revision CBSE Practical Examination		Model Project
11.	March				CBSE Board Examination
			Additional links for references	https://cbseacademic.nic.in/web_material/CurriculumMain25/SrSec/BusinessStudies_SrSec_2024-25.pdf https://diksha.gov.in	

Note: Teachers have to arrange periods as per the availability of time for project work.

Sl. No.	Month	No of Working Days	Name of the Chapter/Topic to be covered	Teaching Aids/E-content / innovative practices	Test/examination to be conducted
1	April May 2024	20	PART A - Unit 1: Accounting for Partnership Firms: <ul style="list-style-type: none"> • Partnership: features, Partnership Deed. • Provisions of the Indian Partnership Act 1932 in the absence of partnership deed. • Fixed v/s fluctuating capital accounts. Preparation of Profit and Loss Appropriation account- division of profit among partners, guarantee of profits. Past adjustments (relating to interest on capital, interest on drawing, salary and profit-sharing ratio). 	*Role Play of students regarding formation of partnership and their agreement based on previous knowledge. *PPT, YouTube video. *Worksheets *Activity based teaching. https://diksha.gov.in/nios/play/content/do_31306688437485568018535?contentType=ExplanationResource https://drive.google.com/file/d/1zaGYEwvBpGkCya8-Gt37arYm6LZPGC_j/view?usp=sharing	Class test
			<ul style="list-style-type: none"> • Goodwill: meaning, nature, factors affecting and methods of valuation - average profit, super profit and capitalization. 	*NCERT Text books * PPT, YouTube videos *E content and work sheets https://diksha.gov.in/nios/play/content/do_313067379835527168110455?contentType=ExplanationVideo	Slip test
2	June	8	Accounting for Partnership firms - Reconstitution and Dissolution. <ul style="list-style-type: none"> • Change in the Profit-Sharing Ratio among the existing partners - sacrificing ratio, gaining ratio, accounting for revaluation of assets and reassessment of liabilities and treatment of reserves, accumulated profits and losses. Preparation of revaluation account and balance sheet. • Admission of a partner - effect of admission of a partner on change in the profit-sharing ratio, treatment of goodwill (as per AS 26), treatment for revaluation of assets and reassessment of liabilities, 	* NCERT Text books * PPT, YouTube videos *E content and work sheets https://drive.google.com/file/d/1gGzsb95RKR B87B9ysG7hCIQVG5Vx2vLe/view?usp=sharing https://diksha.gov.in/play/content/do_3133520024658984961980	Monthly Test - 1

			treatment of reserves, accumulated profits and losses, adjustment of capital accounts and preparation of capital, current account and balance sheet.		
3	July	25	<p>Retirement and death of a partner: effect of retirement / death of a partner on change in profit sharing ratio, treatment of goodwill (as per AS 26), treatment for revaluation of assets and reassessment of liabilities, adjustment of accumulated profits, losses and reserves, adjustment of capital accounts and preparation of capital, current account, and balance sheet. Preparation of loan account of the retiring partner.</p> <ul style="list-style-type: none"> • Calculation of deceased partner's share of profit till the date of death. Preparation of deceased partner's capital account and his executor's account. • Dissolution of a partnership firm: meaning of dissolution of partnership and partnership firm, types of dissolution of a firm. Settlement of accounts - preparation of realization account, and other related accounts: capital accounts of partners and cash/bank a/c (excluding piecemeal distribution, sale to a company and insolvency of partner(s)). 	<p>* NCERT Text books * PPT, YouTube videos * E content and work sheets</p> <p>https://diksha.gov.in/nios/play/content/do_313253601854668800126944?contentType=eTextBook</p> <p>https://diksha.gov.in/nios/play/content/do_313067385198854144110809?contentType=PracticeQuestionSet</p> <p>https://docs.google.com/presentation/d/1qmMdi11LhOl3R_DrzcGWugUzc-vG5Hsl/edit?usp=sharing&ouid=106740070548656148657&rtpof=true&sd=true</p>	Monthly Test - 2
4	August	24	<p>Unit-2 Accounting for Companies Accounting for Share Capital • Features and types of companies • Share and share capital: nature and types.</p> <ul style="list-style-type: none"> • Accounting for share capital: issue and allotment of equity and preferences shares. Public subscription of shares - over subscription and under subscription of shares; issued at par and at premium, calls in advance and arrears (excluding 	<p>* NCERT Text books * PPT, YouTube videos * E content and work sheets</p> <p>https://diksha.gov.in/nios/play/content/do_313253601947410432126948?contentType=eTextBook</p> <p>https://docs.google.com/presentation/d/1jghTv88_IPfC9nVeUNvFek7H74fRqMx/edit?usp</p>	Monthly Test - 3

			<p>interest), issue of shares for consideration other than cash.</p> <ul style="list-style-type: none"> • Concept of Private Placement and Employee Stock Option Plan (ESOP), Sweat Equity. • Accounting treatment of forfeiture and reissue of shares. • Disclosure of share capital in the Balance Sheet of a company. 	<p>=sharing&ouid=106740070548656148657&rt pof=true&sd=true</p> <p>https://diksha.gov.in/nios/play/content/do_313253601993539584126950?contentType=ClassroomTeachingVideo</p>	
5	September	22	<p>Unit-2 Accounting for Companies Accounting for Debentures • Debentures: Meaning, types, Issue of debentures at par, at a premium and at a discount. Issue of debentures for consideration other than cash; Issue of debentures with terms of redemption; debentures as collateral security- concept, interest on debentures. Writing off discount / loss on issue of debentures.</p> <p>PART B - Unit-3 Analysis of Financial Statements: - Financial statements of a Company: Meaning, Nature, Uses and importance of financial Statement. Statement of Profit and Loss and Balance Sheet in prescribed form with major headings and sub headings (as per Schedule III to the Companies Act, 2013)</p> <ul style="list-style-type: none"> • Financial Statement Analysis: Meaning, Significance Objectives, importance and limitations. • Tools for Financial Statement Analysis: Comparative statements, common size statements, Ratio analysis, Cash flow analysis. 	<p>* NCERT Text books * PPT, YouTube videos *E content and work sheets</p> <p>https://docs.google.com/presentation/d/1oIXjcgPNutmXoAsj5MaL9cMRWr7tCvgQ/edit?usp=sharing&ouid=106740070548656148657&rt pof=true&sd=true</p> <p>https://drive.google.com/file/d/1jZDtd5kzaTClgSBY6gUH9_qeDqO6IJ7U/view?usp=sharing</p> <p>https://diksha.gov.in/play/content/do_3131148305366302721237</p>	Half Yearly
6	October	16	<p>Accounting Ratios: Meaning, Objectives, Advantages, classification and computation. • Liquidity Ratios: Current ratio and Quick ratio. • Solvency Ratios: Debt to Equity Ratio, Total Asset</p>	<p>* NCERT Text books * PPT, YouTube videos *E content and work sheets.</p>	Monthly Test - 4

			to Debt Ratio, Proprietary Ratio and Interest Coverage Ratio. Debt to Capital Employed Ratio. • Activity Ratios: Inventory Turnover Ratio, Trade Receivables Turnover Ratio, Trade Payables Turnover Ratio, Fixed Asset Turnover Ratio, Net Asset Turnover Ratio and Working Capital Turnover Ratio. • Profitability Ratios: Gross Profit Ratio, Operating Ratio, Operating Profit Ratio, Net Profit Ratio and Return on Investment.	https://docs.google.com/presentation/d/1pinfihX1RpHmKJFoQtpBfDvQ8cNGAhcF/edit?usp=sharing&oid=116114775382383328002&rtpof=true&sd=true Additional Ratios https://drive.google.com/file/d/1yAtZzy35q4l1dUSv5GldFd4dqvNI6ymf/view?usp=sharing	
7	November	22	Unit 4: Cash Flow Statement • Meaning, objectives Benefits, Cash and Cash Equivalents, Classification of Activities and preparation (as per AS 3 (Revised) (Indirect Method only) Note: (i) Adjustments relating to depreciation and amortization, profit or loss on sale of assets including investments, dividend (both final and interim) and tax. (ii) Bank overdraft and cash credit to be treated as short term borrowings. (iii) Current Investments to be taken as Marketable securities unless otherwise specified. Revision and First Pre board Examination	* PPT, YouTube video. *Worksheets *Activity based teaching. *Specific Project https://docs.google.com/presentation/d/17Q3hPOJQQNRRywwv_7a1rULAogtu42Ry/edit?usp=sharing&oid=116114775382383328002&rtpof=true&sd=true https://diksha.gov.in/nios/play/content/do_313067420257075200110840?contentType=PracticeQuestionSet https://drive.google.com/file/d/1HuRwOsSBPyMFU5vYhB5kGePfi0ooxfnr/view?usp=sharing https://drive.google.com/file/d/1vq50nKC7YyqbeBDcqMO3s9rP6y5SHEdx/view?usp=share_link Sample Paper issued by CBSE	First Pre-Board
8	December	18	Second Pre board Examination	Sample Paper issued by CBSE https://cbseacademic.nic.in/web_material/SQP/ClassXII_2023_24/Accountancy-SQP.pdf https://cbseacademic.nic.in/web_material/SQP/ClassXII_2023_24/Accountancy-MS.pdf	Second Pre-Board

9	January 2025	24	Model and Board Practical Examination. Revision	Sample paper issued by CBSE, Previous years Question papers.	
10	February	22	Revision	Solving sample papers	
11	March				CBSE Examination
		Additional links for references	CBSE CURRICULUM	https://cbseacademic.nic.in/web_material/CurriculumMain25/SrSec/Accountancy_SrSec_2024-25.pdf	

USEFUL WEBSITES & E-RESOURCES

KENDRIYA VIDYALAYA SANGATHAN	https://kvsangathan.nic.in
Ministry of Education	https://www.education.gov.in/
CBSE	https://cbse.nic.in/
NCERT	https://ncert.nic.in/
DIKSHA PORTAL	https://diksha.gov.in/
DIKSHA App	https://play.google.com/store/apps/details?id=in.gov.diksha.app&hl=en&gl=US&pli=1
ePathshala	https://epathshala.nic.in/
NISHTHA	https://itpd.ncert.gov.in/
CBSE ACADEMICS	https://cbseacademic.nic.in/
CBSE Training Portal	https://cbseit.in/cbse/training/
NCERT OFFICIAL	https://www.youtube.com/c/NCERTOFFICIAL
CIET	https://ciet.nic.in/index.php
ZIET Chandigarh	https://zietchandigarh.kvs.gov.in/
ZIET Bhubaneswar	https://zietbhubaneswar.kvs.gov.in/
ZIET Gwalior	https://zietgwalior.kvs.gov.in/
ZIET Mumbai	https://zietmumbai.kvs.gov.in/

ZIET Mysore	https://zietmysore.kvs.gov.in/
Alternative Academic Calendar	https://ncert.nic.in/alternative-academic-calendar.php
CCT Weekly	https://diksha.gov.in/play/collection/do_31290608850520473612338?contentType=TextBook
National Curriculum Framework for School Education 2023	https://www.education.gov.in/sites/upload_files/mhrd/files/NCF-School-Education-Pre-Draft.pdf
National Curriculum Framework for Foundational Stage 2022	https://ncert.nic.in/flipbook/NCF/National_Curriculum_Framework_for_Foundational_Stage_2022/mobile/index.html
School Leadership Development	https://www.education.gov.in/hi/sites/upload_files/mhrd/files/upload_document/NCSL_Handbook.pdf
Toy Based Pedagogy	http://dsel.education.gov.in/sites/default/files/update/toy_based_pedagogy.pdf
Guidelines for Implementation of 10 bagless days in school	http://www.psscive.ac.in/storage/uploads/others/Guideline/pdf/english/guideline-for10Baglessdays-in-School in English.pdf
National Curriculum Framework	https://ncert.nic.in/pdf/ncfse2023.pdf
CBSE HANDBOOKS	
National Policy for Promoting Innovations in Schools	https://cbseacademic.nic.in/web_material/Manuals/NP_Promote_Innovation.pdf
AIoT Integration in Curriculum	https://cbseacademic.nic.in/web_material/Manuals/AIoT_Curriculum.pdf
Design Thinking and Innovation - FAQ & Introduction	https://cbseacademic.nic.in/web_material/Manuals/DT_IntroFAQ.pdf
Safal - Language Assessment Framework Handbook	https://cbseacademic.nic.in/web_material/Manuals/safal_frameworkhandbook.pdf

Safal - Environmental Studies & Science Assessment Framework Handbook	https://cbseacademic.nic.in/web_material/Manuals/safal_sciencehandbook.pdf
Safal - Mathematics Assessment Framework Handbook	https://cbseacademic.nic.in/web_material/Manuals/safal_mathshandbook.pdf
Mental Health & Well-being of School Students - A Survey	https://cbseacademic.nic.in/web_material/Manuals/Mental_Health_WSS_A_Survey.pdf
Early Identification & Intervention for Mental Health Problems	https://cbseacademic.nic.in/web_material/Manuals/MOE_Mental_Health.pdf
Shiksha Shabdkosh	https://cbseacademic.nic.in/web_material/Manuals/Shiksha_Shabdkosh.pdf
Toy Based Pedagogy	https://cbseacademic.nic.in/web_material/Manuals/Toy_Based_Pedagogy.pdf
Satrangi Udan	https://cbseacademic.nic.in/web_material/Manuals/Satrangi_Udan.pdf
Standards for Excellence in School Education	https://cbseacademic.nic.in/web_material/Manuals/QASR_July21.pdf
Study of Existing Assessment Structure of CBSE Schools	https://cbseacademic.nic.in/web_material/Manuals/Assessment_Structure21.pdf
EI Essential Concepts	https://cbseacademic.nic.in/web_material/Manuals/EI_Essential_Concepts.pdf
Handbook of Assessment and Evaluation	https://cbseacademic.nic.in/web_material/Manuals/Assessment-Evaluation_handbook.pdf
Reading Literacy	https://cbseacademic.nic.in/web_material/Manuals/Reading_Literacy.pdf
Handicrafts - Student Workbook	https://cbseacademic.nic.in/web_material/Curriculum22/publication/middle/Handicrafts-Student-Workbook.pdf
Safal	https://cbseacademic.nic.in/web_material/Manuals/Safal_handbook.pdf

Pedagogical Leadership: A Handbook for Leading Learning in Schools	https://cbseacademic.nic.in/web_material/Manuals/Pedagogical-leadership-Handbook.pdf
Handbook of Inclusive Education	https://cbseacademic.nic.in/web_material/Manuals/handbook-inclusive-education.pdf
Handbook of Joyful Learning	https://cbseacademic.nic.in/web_material/Manuals/handbook-joyful.pdf
Cyber Safety Manual	https://cbseacademic.nic.in/web_material/Manuals/Cyber_Safety_Manual.pdf
Principals Handbook	https://cbseacademic.nic.in/web_material/Manuals/Principals_Handbook.pdf
21st Century Skill Handbook	https://cbseacademic.nic.in/web_material/Manuals/21st_Century_Skill_Handbook.pdf
ComicBook - Cogito	https://cbseacademic.nic.in/web_material/ComicBooks/Cogito.pdf
ComicBook - The Question Book	https://cbseacademic.nic.in/web_material/ComicBooks/The_Question_Book.pdf
Teachers' Resource for Achieving Learning Outcomes	https://cbseacademic.nic.in/web_material/Manuals/TeachersResource_LODoc.pdf
Mathematical Literacy	https://cbseacademic.nic.in/web_material/Manuals/math-literacy.pdf
Mental Health and Well Being	https://cbseacademic.nic.in/web_material/Manuals/MENTAL_HEALTH_AND_WELL_BEING.pdf
Assessment Framework	https://cbseacademic.nic.in/web_material/Manuals/AssessmentFramework.pdf
UKNARIC Final Report	https://cbseacademic.nic.in/web_material/Manuals/UKNARICFinalReport.pdf
Activities Calendar English	https://cbseacademic.nic.in/web_material/Manuals/ActivitiesCalenderEnglish.pdf
Activities Calendar Hindi	https://cbseacademic.nic.in/web_material/Manuals/ActivitiesCalenderHindi.pdf
AI Curriculum Handbook	https://cbseacademic.nic.in/web_material/Manuals/AICurriculumHandbook.pdf

AI Integration Manual	https://cbseacademic.nic.in/web_material/Manuals/AIIntegrationManual.pdf
Art Integration	https://cbseacademic.nic.in/web_material/Manuals/Art_Integration.pdf
Eco club	https://cbseacademic.nic.in/web_material/Manuals/Ecoclub.pdf
Experiential Learning	https://cbseacademic.nic.in/web_material/Manuals/ExperientialLearning.pdf
Joyful Teaching And Learning Of Mathematics	https://cbseacademic.nic.in/web_material/Manuals/JoyfulTeachingAndLearningOfMathematics.pdf
Hubs of Learning	https://cbseacademic.nic.in/web_material/Manuals/Latest Hubs of Learning.pdf
Self Learning Resources for IC Members	https://cbseacademic.nic.in/web_material/Manuals/SelfLearningResources.pdf
School Quality Assessment & Assurance	https://cbseacademic.nic.in/web_material/Manuals/SQAA_FINAL.pdf
NAI PAHAL	https://cbseacademic.nic.in/web_material/Manuals/NAI_PAHAL.pdf
Handbook for Teachers	https://cbseacademic.nic.in/web_material/Manuals/Handbook_for_Teachers.pdf
Handbook for Students	https://cbseacademic.nic.in/web_material/Manuals/Handbook_for_students.pdf
Transformation Engagement	https://cbseacademic.nic.in/web_material/Manuals/Transformation_Engagement.pdf
Mathematical Literacy	https://cbseacademic.nic.in/web_material/Manuals/Teachers_handbook-Maths.pdf
Scientific Literacy	https://cbseacademic.nic.in/web_material/Manuals/Teachers_handbook-Science.pdf
Reading Literacy	https://cbseacademic.nic.in/web_material/Manuals/Teachers_handbook-Reading.pdf

OTHER HANDBOOKS AND MANUALS

PISA HANDBOOK FOR TEACHERS	https://cbseacademic.nic.in/web_material/Manuals/Teachers_handbook-Maths.pdf
PISA HANDBOOK FOR TEACHERS	https://cbseacademic.nic.in/web_material/Manuals/Teachers_handbook-Science.pdf
PISA HANDBOOK FOR TEACHERS	https://cbseacademic.nic.in/web_material/Manuals/Teachers_handbook-Reading.pdf
National Education Policy 2020	https://www.education.gov.in/sites/upload_files/mhrd/files/NEP_Final_English_0.pdf
Students' and Teachers' Holistic Advancement through Quality Education (SARTHAQ)	https://www.education.gov.in/sites/upload_files/mhrd/files/upload_document/SARTHAQ_Part-1_updated.pdf
Project books on Environmental Education for Classes VI-XII	https://ncert.nic.in/desm/env-edu.php
Teacher Handbook on Environmental Education for the Higher Secondary Stage	https://ncert.nic.in/desm/pdf/content.pdf
Four Decades of National Science Exhibition for children.	https://ncert.nic.in/desm/pdf/4decadepdf.pdf
Curricula for ICT In Education	https://ictcurriculum.gov.in/
Guidelines on School Safety and Security	https://dse.education.gov.in/sites/default/files/2021-10/guidelines_sss.pdf
PURPOSIVE PEDAGOGICAL PRACTICES	https://kvsangathan.nic.in/sites/default/files/ebook/Purposive%20Pedagogical%20Practices_0.pdf
Four Decades of National Science Exhibition for children.	https://ncert.nic.in/desm/pdf/4decadepdf.pdf
NEP Audio	https://ciet.nic.in/pages.php?id=nep2020&ln=en

USEFUL LINKS

NCERT SYLLABUS	https://ncert.nic.in/syllabus.php
NCERT YOUTUBE	https://youtube.com/@NCERTOFFICIAL
Ministry of Education	https://www.education.gov.in/
INSPIRE Awards	https://www.inspireawards-dst.gov.in/
Ek Bharat Shrestha Bharat	https://ekbharat.gov.in/
YUVIKA - YUva VIgyani KAryakram (Young Scientist Programme)	https://www.isro.gov.in/YUVIKA.html
Kala Utsav	https://kalautsav.in/
Azadi Ka Amrit Mahotsav	https://amritmahotsav.nic.in/
Indian Association of Physics Teachers (IAPT)	https://www.iapt.org.in/
National Digital Library of India	https://ndl.iitkgp.ac.in/
National School Safety Project (NSSP)	https://ndma.gov.in/Mitigation Preparedness/School-safety-project
Text Book Based Exercises	http://digitallibrary.kvklibrary.in/exercises/index.php
Reading Games	http://digitallibrary.kvklibrary.in/games/
General English Exercises	http://digitallibrary.kvklibrary.in/exercises/genenglish.php
General Science Exercises	http://digitallibrary.kvklibrary.in/exercises/science.php

E-resources Portal KVS Ernakulam Region	https://kvsekmeresources.in/
Open Government Data - Education	https://data.gov.in/sector/education
Spoken Tutorial	https://spoken-tutorial.org/
National Scholarship Portal	https://scholarships.gov.in/
DigiLocker	https://www.digilocker.gov.in/
VIDEO SERIES ON ASSESSMENT AND EVALUATION	
Principles of assessment	https://www.youtube.com/watch?v=TYAFYp23u2E
Assessment design approach	https://www.youtube.com/watch?v=iAXhkPYqrUY
Item writing approach	https://www.youtube.com/watch?v=wOT2u1O9yTc
Objective questions	https://www.youtube.com/watch?v=oSvbneSuGMY
Presentation Voice Over 5 v3	https://www.youtube.com/watch?v=hBO-DgQabI8
Extended response questions	https://www.youtube.com/watch?v=W3jkNtfZs08
Item production process	https://www.youtube.com/watch?v=N1-XV1qUEis
Assessment performance review	https://www.youtube.com/watch?v=s5Id8yWLvAY

USEFUL LINKS FOR PRIMARY SECTION

Syllabus at Elementary Level	https://ncert.nic.in/pdf/syllabus/vol1_el.zip
Eight Week Alternative Academic Calendar for the Primary Stage Part I- English	https://ncert.nic.in/pdf/Eight_Weeks_AAC_Primary-English.pdf
Eight Week Alternative Academic Calendar for the Primary Stage Part I- Hindi	https://ncert.nic.in/pdf/Eight_Weeks_AAC_Primary_Hindi.pdf
Alternative Academic Calendar for Students Primary-English	https://ncert.nic.in/pdf/Alternative_Academic_Calendar_primary-eng.pdf
Alternative Academic Calendar for Students Primary-Hindi	https://ncert.nic.in/pdf/Alternative_Academic_Calendar_primary_hindi-final.pdf
KVS FLN Blog	https://kvsfln.blogspot.com/
KVS NIPUN BHARAT Blog	https://kvs-fln5.blogspot.com/
Practice Question Papers	https://diksha.gov.in/play/collection/do_31332369005922713616597
Practice Question Papers	https://diksha.gov.in/play/collection/do_3133258415940648961117
Practice Question Papers	https://diksha.gov.in/play/collection/do_31332717345644544013074
NIPUN Bharat	https://nipunbharat.education.gov.in/
NCERT BARKHA SERIES	https://ncert.nic.in/dee/NCERTBarkhaseries/Start.html
FLN Activity - Colours	http://digitallibrary.kvklibrary.in/exercises/fln.php?id=fln
Worksheets for Primary	https://primarykv2tpkm.wordpress.com/worksheet/

Primary Worksheets	https://primarykv2tpkm.wordpress.com/worksheet/
JIJNAASAA Primary Mathematics and EVS	https://jjjnaasaa.weebly.com/

USEFUL LINKS FOR CLASS VI TO VIII

Alternative Academic Calendar for Students Upper Primary-English	https://ncert.nic.in/pdf/AAC-Upperprimary-eng.pdf
Alternative Academic Calendar for Students Upper Primary-Hindi	https://ncert.nic.in/pdf/AAC-upperprimary-hindi.pdf
Syllabus at Elementary Level	https://ncert.nic.in/pdf/syllabus/vol1_el.zip
CBSE Learning Frameworks: Learning Framework - English	https://cbseacademic.nic.in/cbe/documents/Learning_Standards_English.pdf
CBSE Learning Frameworks: Learning Framework - Mathematics	https://cbseacademic.nic.in/cbe/documents/Learning_Standards_Maths.pdf
CBSE Learning Frameworks: Learning Framework - Science	https://cbseacademic.nic.in/cbe/documents/Learning_Standards_Science.pdf
CBSE Learning Frameworks: Learning Framework - Social Science	https://cbseacademic.nic.in/cbe/documents/Learning_Standards_SocialScience.pdf
CBSE: Mathematics Laboratory in Primary & Upper Primary schools	https://cbseacademic.nic.in/web_material/publication/archive/maths_activity_class_3_8_part3.pdf
Competency Based Framework on Literacy: Framework for Mathematic Literacy	https://cbseacademic.nic.in/cbe/documents/SAS_CBLF_Math-Literacy_Final.pdf
Competency Based Framework on Literacy: Framework for Reading Literacy	https://cbseacademic.nic.in/cbe/documents/SAS_CBLF_Reading-Literacy-Final.pdf
Competency Based Framework on Literacy: Framework for Scientific Literacy	https://cbseacademic.nic.in/cbe/documents/SAS_CBLF_Scientific-Literacy-Final.pdf
Curriculum Aligned Competency Based Test Items : Class VIII Mathematics	https://cbseacademic.nic.in/cbe/documents/SAS_Maths-Class-8.pdf
Curriculum Aligned Competency Based Test Items : Class VIII Science	https://cbseacademic.nic.in/cbe/documents/SAS_Science-Class-8.pdf
NCERT: Q & A Science and Mathematics in NCF-2005	https://ncert.nic.in/desm/pdf/ncf_qna.pdf

NCERT: Source Book on Assessment for Chapter IV, English	https://ncert.nic.in/desm/pdf/ChapterIVLanguage(English).pdf
NCERT: Source Book on Assessment for Chapter V Mathematics	https://ncert.nic.in/desm/pdf/ChapterVMathematics.pdf
NCERT: Source Book on Assessment for Classes VI-VIII, Mathematics	https://ncert.nic.in/desm/pdf/SB_MathsVI-VIII.pdf
NCERT: Source Book on Assessment for Classes VI-VIII, Science- English	https://ncert.nic.in/desm/pdf/SB_ScienceVI-VIII.pdf
NCERT: Source Book on Assessment for Classes VI-VIII, Science - Hindi	https://ncert.nic.in/desm/pdf/SB_VigyanVI-VIII.pdf
NCERT: Laboratory Manual – Elementary Stage	https://ncert.nic.in/pdf/publication/sciencelaboratorymanuals/classItoVIII/mathematics/ahelm103.pdf
NCERT: Science Laboratory Manuals Mathematics Class I to VIII	https://ncert.nic.in/pdf/publication/sciencelaboratorymanuals/classItoVIII/mathematics/ahelm104.pdf
NCERT: Science Laboratory Manuals Mathematics Class I to VIII	https://ncert.nic.in/pdf/publication/sciencelaboratorymanuals/classItoVIII/mathematics/ahelm105.pdf
Practice Question Papers: Class 6	https://diksha.gov.in/play/collection/do_31332717461391769613079
Practice Question Papers: Class 7	https://diksha.gov.in/play/collection/do_31332717826029977613119
Practice Question Papers: Class 8	https://diksha.gov.in/play/collection/do_31332717993804595213151
Project books on Environmental Education for Classes VI-XII	https://ncert.nic.in/desm/env-edu.php
SAFAL: Structured Assessment For Analyzing Learning:	https://cbseacademic.nic.in/web_material/Manuals/Safal_handbook.pdf
Sample Lesson Plans: English	https://cbseacademic.nic.in/cbe/documents/Lesson-Plan-English-Final.pdf
Sample Lesson Plans: Mathematics	https://cbseacademic.nic.in/cbe/documents/Lesson-Plan-Mathematics-Final.pdf
Sample Lesson Plans: Science	https://cbseacademic.nic.in/cbe/documents/Lesson-Plan-Science-Final.pdf
Suggested Assessment Framework for CBSE science, mathematics and english for classes 6-10	https://cbseacademic.nic.in/cbe/documents/Assessment-Framework-March-2021.pdf
Teacher Training Module on CBE:	http://bit.ly/CompetencybasedEducation

Teacher's Resource for Achieving Los:

https://cbseacademic.nic.in/web_material/Manuals/TeachersResource_LODoc.pdf

USEFUL LINKS FOR CLASSES IX to X

Secondary Curriculum for the Academic Year 2023-24	https://cbseacademic.nic.in/curriculum_2024.html#collapse2
In- service Teachers Professional Development (ITPD) package in Science and Mathematics for teachers of the secondary stage : सामान्य मुद्दे	https://ncert.nic.in/desm/pdf/generic_issue_hindi.pdf
In- service Teachers Professional Development (ITPD) package in Science and Mathematics for teachers of the secondary stage : विज्ञान का शिक्षण	https://ncert.nic.in/desm/pdf/science_hindi.pdf
In- service Teachers Professional Development (ITPD) package in Science and Mathematics for teachers of the secondary stage : गणित का शिक्षण	https://ncert.nic.in/desm/pdf/mathematics_hindi.pdf
Alternative Academic Calendar for Students Secondary-English	https://ncert.nic.in/pdf/aac_secondary_Eng.pdf
Alternative Academic Calendar for Students Secondary-Hindi	https://ncert.nic.in/pdf/aac_secondary_Hindi.pdf
Eight Week Alternative Academic Calendar for the Secondary Stage Part II- English	https://ncert.nic.in/pdf/EightWeekAACSecondaryStage_Eng.pdf
Eight Week Alternative Academic Calendar for the Secondary Stage Part II- Hindi	https://ncert.nic.in/pdf/EightWeekAACSecondaryStage_Hindi.pdf
Syllabus at Secondary and Higher Secondary Level	https://ncert.nic.in/pdf/syllabus/vol2_hsl.zip
Suggested Assessment Framework for CBSE science, mathematics and english for classes 6-10	https://cbseacademic.nic.in/cbe/documents/Assessment-Framework-March-2021.pdf
Competency Based Framework on Literacy: Framework for Scientific Literacy	https://cbseacademic.nic.in/cbe/documents/SAS_CBLF_Scientific-Literacy-Final.pdf
Competency Based Framework on Literacy: Framework for Mathematic Literacy	https://cbseacademic.nic.in/cbe/documents/SAS_CBLF_Math-Literacy_-Final.pdf
Competency Based Framework on Literacy: Framework for Reading Literacy	https://cbseacademic.nic.in/cbe/documents/SAS_CBLF_Reading-Literacy-Final.pdf

CBSE Learning Frameworks: Learning Framework - Social Science	https://cbseacademic.nic.in/cbe/documents/Learning_Standards_SocialScience.pdf
CBSE Learning Frameworks: Learning Framework - Science	https://cbseacademic.nic.in/cbe/documents/Learning_Standards_Science.pdf
CBSE Learning Frameworks: Learning Framework - Mathematics	https://cbseacademic.nic.in/cbe/documents/Learning_Standards_Maths.pdf
CBSE Learning Frameworks: Learning Framework - English	https://cbseacademic.nic.in/cbe/documents/Learning_Standards_English.pdf
Sample Lesson Plans: Mathematics	https://cbseacademic.nic.in/cbe/documents/Lesson-Plan-Mathematics-Final.pdf
Sample Lesson Plans: Science	https://cbseacademic.nic.in/cbe/documents/Lesson-Plan-Science-Final.pdf
Sample Lesson Plans: English	https://cbseacademic.nic.in/cbe/documents/Lesson-Plan-English-Final.pdf
Teacher Training Module on CBE:	http://bit.ly/CompetencybasedEducation
Teacher's Resource for Achieving Los:	https://cbseacademic.nic.in/web_material/Manuals/TeachersResource_LODoc.pdf
SAFAL: Structured Assessment For Analyzing Learning:	https://cbseacademic.nic.in/web_material/Manuals/Safal_handbook.pdf
Practice Question Papers: Class 9	https://diksha.gov.in/play/collection/do_31332718096135782413178
CBSE Handbooks: Design Thinking and Innovation - Grade 9	https://cbseacademic.nic.in/web_material/Manuals/DT_Curriculum9.pdf
OLABS	https://www.olabs.edu.in/
PhET Interactive Simulations	https://phet.colorado.edu/
Virtual Labs	https://www.vlab.co.in/
Project books on Environmental Education for Classes VI-XII	https://ncert.nic.in/desm/env-edu.php

USEFUL LINKS FOR CLASS XI-XII

Senior Secondary Curriculum for the Academic Year 2023-24	https://cbseacademic.nic.in/curriculum_2024.html#collapse1
Teacher Handbook on Environmental Education for the Higher Secondary Stage	https://ncert.nic.in/desm/pdf/content.pdf
Alternative Academic Calendar for Students Higher Secondary-English	https://ncert.nic.in/pdf/AAC_HigherSecondary_eng.pdf
Alternative Academic Calendar for Students Higher Secondary-Hindi	https://ncert.nic.in/pdf/AAC_HigherSecondary_Hin.pdf
CBSE Handbooks: Design Thinking and Innovation - Grade 12	https://cbseacademic.nic.in/web_material/QuestionBank/ClassXII/ComputerScienceXII.pdf
CBSE Handbooks: Design Thinking and Innovation - Grade 11	https://cbseacademic.nic.in/web_material/QuestionBank/ClassXII/InformaticsPracticesXII.pdf
OLABS	https://www.olabs.edu.in/
PhET Interactive Simulations	https://phet.colorado.edu/
Virtual Labs	https://www.vlab.co.in/
Project books on Environmental Education for Classes VI-XII	https://ncert.nic.in/desm/env-edu.php
Financial Markets Management - XI	https://cbseacademic.nic.in/web_material/Manuals/FMM-XI_Jan22.pdf
Applied Mathematics XI	https://cbseacademic.nic.in/web_material/Manuals/Applied_Mathematics.pdf
Syllabus of Informatics Practices at Higher Secondary Stage	https://ncert.nic.in/pdf/syllabus/IPHSS.pdf
Syllabus of Computer Science at Higher Secondary Stage	https://ncert.nic.in/pdf/syllabus/CSHSS.pdf
CBSE Question Bank Class XII: Business Studies	https://cbseacademic.nic.in/web_material/QuestionBank/ClassXII/BusinessStudiesXII.pdf
CBSE Question Bank Class XII: English Core	https://cbseacademic.nic.in/web_material/QuestionBank/ClassXII/EnglishCoreXII.pdf

CBSE Question Bank Class XII: Mathematics	https://cbseacademic.nic.in/web_material/QuestionBank/ClassXII/MathematicsXII.pdf
CBSE Question Bank Class XII: Accountancy	https://cbseacademic.nic.in/web_material/QuestionBank/ClassXII/AccountancyXII.pdf
CBSE Question Bank Class XII: Economics	https://cbseacademic.nic.in/web_material/QuestionBank/ClassXII/EconomicsXII.pdf
CBSE Question Bank Class XII: Chemistry	https://cbseacademic.nic.in/web_material/QuestionBank/ClassXII/ChemistryXII.pdf
CBSE Question Bank Class XII: Computer Science	https://cbseacademic.nic.in/web_material/QuestionBank/ClassXII/ComputerScienceXII.pdf
CBSE Question Bank Class XII: Informatics Practices	https://cbseacademic.nic.in/web_material/QuestionBank/ClassXII/InformaticsPracticesXII.pdf
CBSE Handbooks: Financial Markets Management - XII	https://cbseacademic.nic.in/web_material/Manuals/FMM-XII_Jan22.pdf
CBSE Handbooks: Applied Mathematics XII	https://cbseacademic.nic.in/web_material/Manuals/Book_Applied_Mathematics_ClassXII.pdf
NCERT: Additional content in Physics based on revised syllabus	https://ncert.nic.in/desm/pdf/desm_s_physics.pdf
NCERT: Additional content in Chemistry based on Revised syllabus.	https://ncert.nic.in/desm/pdf/desm_Chemistry.pdf
NCERT: Additional content in Mathematics based on Revised syllabus.	https://ncert.nic.in/desm/pdf/desm_Mathematics.pdf
NCERT: Additional content in Biology based on Revised syllabus.	https://ncert.nic.in/desm/pdf/desm_biology.pdf

<https://kvsangathan.nic.in/>
<https://www.facebook.com/KVSHQ>
<https://www.youtube.com/@kvshq9369>
