



Kendriya Vidyalaya Sangathan

Suggestive List of Teaching Aids/

E-content/ Innovative practices

(Chapter wise)

कक्षा - तीसरी		विषय - हिन्दी
SR. NO	Name of the chapter / topic to be covered	Teaching Aids/E-content/Innovative practices
1.	पाठ-1 सीखो	कला का एकीकरण मुखौटा -बनाना खेल का एकीकरण छुपन- छुपाई शिक्षण - सामग्री जादुई पिटारा के हिंदी वर्णमाला कार्ड *शब्द रचना *सूर्य नमस्कार (योग) Econtent - https://youtu.be/d-geFhcmyPk?si=M7ztQ3rnfBsGr2NW
	पाठ-2 चींटी	शिक्षण - सामग्री जादुई पिटारा के हिंदी वर्णमाला कार्ड *शब्द-रचना *बगीचे का भ्रमण *घर के आस-पास छोटे-छोटे जीव-जंतुओं की देखभाल (TWAU) Econtent - https://youtu.be/s0WoRFY98hI?feature=shared
2.	पाठ-3 कितने पैर	NEP के अनुसार, कला का एकीकरण जानवरों के मुखोटे खेल का एकीकरण तीन पैरों वाली दौड़, लंगड़ी टांग शिक्षण - सामग्री *शरीर के अंगों के फ्लैश कार्ड (TWUA) *दो और चार पैरों वाले जानवरों के चित्र (TWAU) *जानवरों के खिलौने Econtent - https://youtu.be/ZUHmGHp1VrQ?feature=shared

3.	पाठ-4 बया हमारी चिड़िया रानी	NEP के अनुसार कला का एकीकरण *लकड़ी और तिनको से पक्षी का घोंसला बनाना *कागज़ को काटकर चिड़िया बनाना * अपनी मनपसंद चिड़िया का चित्र बनाओ। खेल का एकीकरण भूलभुलैया (पेज नंबर 43) Econtent – https://youtu.be/ISbvoG-N-?si=Z8pqIxElUncPrgek
	पाठ-5 आम का पेड़	कला का एकीकरण विभिन्न फलों के चित्र बनाकर उनमें रंग भरो। कोई भी एक फल का पौधा लगाए। शिक्षण - सामग्री मौसमीफल Econtent - https://youtu.be/enyaIwi1NSw?si=JQSqT8tc_ftBiEnt
4.	पाठ-6 बीरबल की खिचड़ी	NEP के अनुसार कला का एकीकरण *अकबर और बीरबल का नाटकीय रूपांतरण (ड्रामा) पाककला चटपटीभेलपुरी। (communitiy lunch) शिक्षण-सामग्री विभिन्न प्रकार की खिचड़ी बनाकर लेकर आए। Econtent - https://youtu.be/fXAN16c89Qk?feature=shared
	पाठ-7 मित्र को पत्र	खेल का एकीकरण तुकबंदी वाला खेल, छुट्टियों में खेले जाने वाले खेल पिट्ठू, खो-खो क्रिकेट फुटबॉल शिक्षण-सामग्री विभिन्न प्रकार के पात्र एवं डाक टिकट *प्रार्थना-पत्रकानमूना Econtent - https://youtu.be/ZdEkEekLnCY?si=6IV5HGftz_xHdz0T

5.	पाठ-8 चतुरगीदड़	NEP के अनुसार कला का एकीकरण कछुआ बनाना पाठ का नाटकीयकरण शिक्षण-सामग्री जानवरों के हाथों की कठपुतली * पानीऔर ज़मीन दोनो पर रहने वाले जानवरों के चित्र (TWUA) Econtent - https://youtu.be/SqXg-yOizSg?si=vIXxqOo6jXkNxi1P
	पाठ-9. प्रकृति पर्व 'फूलदेई'	कला का एकीकरण फूल देई त्योहार मनाना *फूलोऔर पत्तो से तोरण बनाना फूलों द्वारा रंगोली बनाना। खेल का एकीकरण समूहमें बैठकर खेले जाने वाला खेल। GolaapTogor (खेल योग पुस्तक पेजनंबर 49) Econtent - https://youtu.be/twgI8CQdOGw?si=L0UKT8WX6Ew5yxLP https://youtube.com/shorts/6ODMF1bZj-s?si=a19RCkQk4CMHupEw

6.	पाठ-10 रस्सा कशी	NEP केअनुसार, खेल का एकीकरण *रस्सा कशी खेल और अन्य खेल कला का एकीकरण *टीमो वाले खेलो के चित्र बनाना (Games and sports) शिक्षणसामग्री खेल सामग्री प्राथमिक उपचार का डिब्बा। Econtent - https://youtu.be/ourpdyOizmg?si=Nxuw5AqnaqR986zS
	पाठ-11 एक जादुई पिटारा	कला का एकीकरण कविता गान तीलियों वाले पुतले बनाना। खेल का एकीकरण जादुई पिटारा में दिए गए खेलो से खेल उदाहरण -लट्टू गेंद, कठपुतली शिक्षण-सामग्री * जादुई पिटारा दिखाना Econtent - eJaad iPitara app https://youtu.be/sWQ9Qm0CE8c?si=5kORQyDn-NRR83v4
7.	पाठ-12 अपना-अपना काम	NEP केअनुसार कला का एकीकरण विभिन्न लोगों का नाटकीयकरण खेल का एकीकरण घर-घर खेलना शिक्षण-सामग्री अलग अलग कामों में उपयोग में आने वाली वस्तुयें Econtent - https://youtu.be/J-FQ9vu0Zdw?feature=shared

	पाठ-13 पेड़ों की अम्मा 'थिमक्का'	कला का एकीकरण *चिड़िया, पेड़ के चित्र *पौधारोपण खेल का एकीकरण अपनी पसंद के पेड़ पौधों को पकड़ो। (दौड़ प्रतियोगिता) शिक्षण-सामग्री मधुमक्खी के फ़्लैशकार्ड Econtent - https://youtu.be/tKD0_ZlPI1E?si=z4otYoiW4zchSaPJ
8.	पाठ-14 किसान की होशियारी	NEP के अनुसार कला का एकीकरण पाठ का नाटकीय करण *ज़मीन के अंदर और बाहर उगने वाली सब्जियों के चित्र सब्जियां बनके नाटकीयकरण *भालू का चित्र खेल का एकीकरण खेल खिलाओ जानवरों और उनके पसंद के भोजन का मिलान कीजिए (अपने जोड़े से मेल मिलाओ) GolaapTogor (खेल योग पुस्तक पेज नंबर 49) शिक्षण-सामग्री गेहूं का सफर का चार्ट (जादुई पिटारा) Econtent - https://youtube.com/shorts/RC6Nc6Y0FWE?feature=shared

	पाठ-15 भारत	कला का एकीकरण मुकुट बनाना राष्ट्रीय चिन्हों को बनाना (पशु, चिड़िया, झंडा, आदि) खेल का एकीकरण India travel puzzle भारत में खेले जाने वाले खेल राष्ट्रीय खेल खेलना (हॉकी) शिक्षण-सामग्री *भारत का नक्शा (TWUA) Econtent - https://youtu.be/d6mt5cbMprc?si=Pdsll6baqKTkizfF https://youtu.be/b9uR_DGYBIE
9.	पाठ-16 चन्द्रयान	NEP के अनुसार, कला का एकीकरण *चन्द्रयान का मॉडल शिक्षण-सामग्री ग्लोब, राकेट का मॉडल एवं इंग्लिश पाठ चंद्रयान Econtent - https://www.youtube.com/live/q2ueCg9bvvQ?si=uNaRP2Hh1Yh-LEtb https://www.youtube.com/live/bIKIzl-h3Qo?si=laFM_mBaQLnkdbMG

10.	पाठ-17 बोलने वाली माँद	NEP केअनुसार कला का एकीकरण *शेर और सियार के मुखौटा पाठ का नाटकीकरण। शिक्षण-सामग्री जंगली जानवरों के हाथों की कठपुतली पंचतंत्र की कहानियाँ Econtent - https://youtu.be/DkPfyWu52sg?si=afBwg_8nYvyFOPdY https://youtu.be/yZstSSziXos
11.	पाठ-18 हम अनेक किन्तु एक	NEP केअनुसार कला का एकीकरण *विभिन्न राज्यों के पोशाक पहन कर उस राज्य की संस्कृति को बतलाना (रोल प्ले) *सामुदायिक गीत शिक्षण-सामग्री *भारत के विभिन्न राज्य और उनकी बोलियों का चार्ट (TWAU) Econtent - https://youtu.be/srnR38X-TDQ?si=GJkefllosYhy3IXN

CLASS III		SUBJECT - ENGLISH
S. N.	Name of the chapter/ topic	Teaching Aids/ EContent/ Innovative practice to be adopted
1	COLOURS	As per NEP Integration with art - Poem recitation (music) - Different types of colours (crayons, pencil colours etc) - Celebration of colour day - Primary and secondary colour activity - Draw and colour a rainbow. Integration with PE Game – Tipi tipi top what colour you want... e-Content – https://youtu.be/BipJ3iQkOPY?si=hozbTiVKcwnF_CTLhttps://youtu.be/qJrwNgIYCAY?si=VCeDDmfCTnME7WeW https://youtu.be/BfBxDF9rq4g?si=gwDMNkKhcPU0v-6Ohttps://youtu.be/BfBxDF9rq4g?si=ErfRj5jFH_U9TPvl https://youtube.com/@officialalphablocks?feature=shared Teaching aid – Alphabets (Jaadui Pitara) Experiential learning - Observe the objects of different colour in surrounding (fruits, vegetables, dresses, flowers etc) Story – <i>Lalu and Peelu</i> https://youtu.be/d8DVzdS0CS4?feature=shared
2	BADAL AND MOTI	As per NEP Integration with art - Dramatization of the story Integration with PE - Play with your pet or toy pet at home Integration with TWAU - Take care of your pets eContent – https://youtu.be/95ZXACsxmmI?si=yofxCQ3I3G_sPwii Teaching aid – soft toys of animals

3	BEST FRIENDS	As per NEP Integration with art • Make masks of different shapes – circle, square, triangle and rectangle. • Performing Art - Role play • Make a picture using cutouts of different shapes. Integration with PE • Form shapes on ground by holding hands • Feely bag (Jaadui Pitara) Integration with Maths • 2D shapes Integration with TWAU • Shapes around us eContent – https://youtu.be/lcl8uB2AWM0?si=R2YMQ-HFBKUaWKp1 https://youtu.be/C5iT6s21HEY?si=BaypO_6025-CvTPb Teaching aid – 2D & 3D shapes, jodo gyan
4	OUT IN THE GARDEN	As per NEP Integration with art • Make a paper kite and fly it. Integration with PE • Play indigenous games (refer <i>Khel Yoga</i>) eContent – https://youtu.be/1DgiBCAi3mk?si=ydOu0H1P0SKP9jEC https://youtu.be/ixxJYkWPq3g?si=WQVxSseeDJPSL4ZV Teaching aid – Pictures of various games (indoor/outdoor) Experiential learning • Plan a visit to the school garden to observe different flowers, plants and trees.
	TALKING TOYS	As per NEP Integration with art • Puppets – hand puppet, stick puppet, paper bag puppet. • Draw birds and animals using english alphabets Integration with PE • Play indigenous games (refer <i>Khel Yoga</i>) eContent – Ejaadui pitara https://youtu.be/z81ZA6vybU?si=s0b69s33B8BbUG6C Teaching aid – Jaadui Pitara, hand puppets
5	PAPER BOATS	As per NEP

		Integration with art • Paper boat • Model of train, ship etc. Integration with TWAU • Observe different modes of transport (TWAU) • Experiment with water – floating objects eContent – https://youtu.be/5D6o3VDxnJg?si=K9w1OWPf3OGJEBO- https://youtu.be/X3z7aZx4nt8?si=-81Cn9D-2TDxcyoB Teaching aid – Picture cards of transport (Jaadui Pitara)
6	THE BIG LADDOO	As per NEP Integration with art • Poem recitation (music) • Celebration of festival Integration with PE • Lemon race / Jalebi race Integration with TWAU • Communtiy lunch – khichdi of different states • The journey of wheat from field to our home • Experiment with water - to identify light and heavy objects eContent - https://youtu.be/OaRgf8m5lro?si=eVVhay5pdwJDt7FX https://youtu.be/W1jNKUkpL0?si=ptlF2jkgGczorOre https://youtu.be/fE8lezHs19s?feature=shared Teaching aid – Jaadui Pitara
7	THANK GOD	As per NEP Integration with art • Fruit salad (culinary art) • Drawing of oval and circular shaped fruits • Performing Art- Role play Integration with PE • Health and wellbeing Integration with Maths • Light / heavy eContent – https://youtu.be/zAAXgL7AJMU?si=wUeRXRb0GwtzyVFs Teaching aid – heavy and light objects
8	MADHU'S WISH	As per NEP Integration with art

		• Table mat using papers • Dramatization of the story Integration with PE • Blindfold activity – Taste and tell Integration with Maths • Prepare a daily food chart eContent – https://youtu.be/flG2ez88pdc?si=n6Nmrrf92wvY_ygW https://youtu.be/mUqwKequriw?feature=shared Teaching aid – fruits and vegetables Story – The thirsty crow https://youtu.be/9mc8Cp8SZxA?feature=shared
9	NIGHT	As per NEP Integration with art • Make masks of sun, moon etc. Integration with PE • Game – I spy Integration with TWAU • Observation of night sky and day sky eContent – https://youtu.be/dDvgL-Sj5gQ?si=od4Bo-CSK1ngGGrV https://youtu.be/CCwfKC5c2Qk?si=j2lP0cBK9ZFucxhk https://youtu.be/YkvFRcD_-tU?feature=shared Teaching aid – video clips of night (ICT)
10	CHANDA MAMA COUNTS THE STARS	As per NEP Integration with art • Performing Art- Song and dance • Performing Art- Role play • Make wind chimes. • Celebration of festivals related to the moon (<i>Guru Poornima, Eid</i> etc). Integration with PE • Local game Integration with Maths • Counting Integration with TWAU • Observe the full moon, crescent moon and no moon. eContent – https://youtu.be/mH4f7iQVI4Y?si=s-evWSZywt-oB5EB Teaching aid – mask of sun and moon
11	CHANDRAYA AN	As per NEP Integration with art

		- Collect articles related to the moon and chandrayaan and make a collage, Model of a rocket or chandrayaan. Integration with PE - Any game related to gravity (throwing a ball, jumping etc) Integration with Maths - Ordinal numbers Integration with Hindi - Chandrayaan eContent – Launch of Chandrayaan video https://www.youtube.com/live/q2ueCg9bvvQ?si=uNaRP2Hh1Yh-LEtb https://www.youtube.com/live/bIKIzl-h3Qo?si=laFM_mBaQLnkdbMG Teaching aid – model of rocket
--	--	---

CLASS – III		MATHEMATICS
Sl.NO.	Name of the chapter/topic to be covered	Teaching Aids/ EContent/ Innovative practice to be adopted
1	BRIDGE COURSE (TWO WEEKS) What's in a name?	As per NEP Integration with ART Make a chart with your names Integration with PE Name game (Golaap togor) Teaching aids-Sticks, Name slips, number cards & picture cards from JADUI PITARA econtent - https://youtube.com/shorts/w foDfbHhAU?si=9-67BHL YqMTbwc7b
2	Toy Joy	As per NEP Integration with ART Mask making shape making Integration with PE Let's play page no. 12-13 Jump on shapes Teaching aids- 2 D 3D shapes Cardboard for mask making, toys, Classroom objects, feely bag from JADUI PITARA, Blocks, Rangometry shapes econtent- https://youtu.be/gk_u1xr7jQg?feature=shared
3	DOUBLE CENTURY	As per NEP Integration with ART Making number cards Integration with PE Snake and ladder, flip the stick Jump on the number mat Jump your toy on the given number Teaching aids-Number cards , Snake & ladder , Beads, bundle of sticks , puzzles, toys E-Content- https://youtu.be/wodwkc9bzqY?si=NOpuDIQ1YyvS5oZf

4	Vacation with my Nani Maa	As per NEP Integration with ART music- song on skip counting Integration with PE Card game (page no. 31) Teaching aids- Different seeds, Number cards, Stamps, Gnladi, Number grid EContent- https://youtu.be/TWGMZtWKmkU?feature=shared
5	Fun with Shapes	As per NEP Integration with ART Making rangoli , paper folding Culinary art (bring the food items of different shapes) Integration with PE feely bag (JADUI PITARA) Teaching aids- 2 D Shapes, Origami sheet, Chart papers, , Mirror, Rangometry shapes, Tangram EContent- https://youtu.be/EaSWnziLFyI?si=1n4CsNh-KI8X7Aj4
6	House of Hundreds -1	As per NEP Integration with ART Making number slider Integration with PE Jumping on numbers (outdoor), Let's play the market game Teaching aids- Beads, Seeds, Dummy currency, Abacus, Dienes blocks (base 10 blocks), Intelligent sticks EContent- https://youtu.be/9Wx9uKmI28s?si=l-IQqFYwTlh1nDJA
7	Raksha Bandhan	As per NEP Integration with ART Rakhi making (Celebration of Raksha Bandhan) Integration with PE- Jump on numbers, Skip jump with equal steps Teaching aids-measuring tape, Real life things , Rakhi EContent- https://youtu.be/VTY3y0brbu0?si=BeLwlkC1LZ1_wPUT
8	Fair- Share	As per NEP Integration with ART- Dramatization of the story Clever monkey (JADUI PITARA)

		Integration with PE- Playing with marbles Teaching aids-Origami sheets, 2D , 3D shapes, Shape box , rangometry EContent- https://youtu.be/zy6KczddV64?si=BVQQwJpaMKtmmHpL https://youtu.be/LwZIGQ5w3wI?si=ibGtY6Frp-2QlHVI
9	House of hundreds -II	As per NEP Integration with ART Dramatization of story Akbar –Birbal Integration with PE Tambola, Bingo game, Number games Teaching aids- Number cards, Tambola, Picture cards from JADUI PITARA EContent- https://youtu.be/SlQG_eQNmQo?si=KGcDXqPku9d_lUwe
10	Fun at class party	As per NEP Integration with ART Making Measuring tools, Birthday Celebration , Class decoration Integration with PE Long jump , high jump Teaching aids- Decoration String, Thread, Scale , Measuring Tape EContent- https://youtu.be/aiAaHTAFtEE?si=YWgXe0lXZj5jA6Of
11	Filling and Lifting	As per NEP Integration with ART Making of Pan Balance and other Measuring Tools Culinary art (making any juice) Integration with PE See –saw Teaching aids-Disposal glass, cups, Spoon , bottle, jug, Pan balance with weight EContent- https://youtu.be/HaGwFpVEmaM?si=laBz5MAEGfFbHJiT
12	Give and take	As per NEP Integration with ART Role play of shopkeeper and consumer Integration with PE- Play with dienes block Teaching aids- Dummy Currency, Classroom objects, Dienes block

		EContent- https://youtu.be/VHhOfkGUFxY?si=0TM352NpFyMt6hsJ
13	Time goes on	As per NEP Integration with ART- Making of Dummy Clocks , Sand Clocks and Calendar Integration with PE- Calendar game Teaching aids- Calendar, Clock, Digital clock, Birth certificate EContent- https://youtube.com/shorts/N1I_0oHGXtE?si=MWgUf1cYDHAU4Zgp
14	The Surajkund Fair	As per NEP Integration with ART- Making Appan, Kolam, Dance, Drawing, Visiting to any fair Integration with PE- Games we play in fair Teaching aids- Mala, Thread, A4 sheets for mask making, Route puzzle EContent- https://youtube.com/shorts/eVLzEJlc9V4?si=nuR5J0-RpUC4Li8n

Class - III		THE WORLD AROUND US
S.NO	NAME OF THE CHAPTER /TOPIC	TEACHING AIDS /E-CONTENT / INNOVATIVE PRACTICES TO BE ADOPTED
1	FAMILY AND FRIENDS	As per NEP Integration with Art • Performing Art – Role play • Make fruit salad with your mother and enjoy • Make a family tree Integration with PE • Play different indoor games with your family members Integration with language • Poem (family) Integration with Maths • Calculate the age of family members econtent – https://youtu.be/MhnAKjTgTOg?si= SX7rMyVt0VTbEdLv Teaching aid- Finger puppets of family members
2	GOING TO THE MELA	As per NEP Integration with Art • Make rangoli of different states • Performing Art – Role play: Organise a mock mela Integration with PE • Ring toss, hit the target etc Integration with language • Describe your experience of any trip with your family Integration with Maths • Map reading of a mela • ‘The Surajkund Fair’ • Buying and selling process econtent – https://youtu.be/IaXugttJOyo?si= 5phMkdfcGTgBsjiV Teaching aid- Items required for stalls in mela
3	CELEBRATING FESTIVALS	As per NEP Integration with Art • Make sign boards for your school – school library, playground, stairs etc. • Music and dance • Making lantern (refer Bansuri – I) Integration with PE • Burst the balloons Integration with language • Folk Stories related to festivals Integration with Maths • Patterns with leaves ,matchsticks,flowers, etc. econtent –

		- Find out any one rhyme on water. Integration with Maths - Refer 'Filling and Lifting' (Math mela) econtent – https://youtu.be/5GZrFgiwnTk?si=YgINzQm12y1t12L0 Teaching aid- sources of water, water vessels, model of well
7	FOOD WE EAT	As per NEP Integration with Art - Community lunch – food items of different states - Prepare fruit chaat or salad with the help of your teacher. Poshan Saptah Integration with PE - Lemon race Integration with language - Refer Unit 3 (Santoor) - Riddles on food items Integration with Maths - Paste a food wrapper of any biscuit, chips or chocolate and find out its price, manufacturing date, expiry date etc. econtent – https://youtu.be/5GZrFgiwnTk?si=SJWQdn7Gsej8z9dV Teaching aid- Different food items, utensils used for cooking (Jaadui Pitara)
8	STAYING HEALTHY AND HAPPY	As per NEP Integration with Art - Make a home cleaner using orange and lemon peels - Role play – health and sanitization Integration with PE - Do the exercises for strengthening the cardio-respiratory system, adding strength to the muscles and bones and maintaining body flexibility in the class and ask students to do it regularly. - Play indoor and outdoor games Integration with language - Importance of playing outdoor games Integration with Maths - Make your weekly health table. econtent – https://youtu.be/bszc63yGsxx?si=82QLM5cWtbcbEdRf Teaching aid- first aid kit, healthy food items, natural cleaning alternatives like reetha, shikakai etc
9	THIS WORLD OF THINGS	As per NEP Integration with Art - Make a kitchen orchestra (refer Bansuri – I) - Draw three non living and living things Integration with PE - Musical chair Integration with language make a list of things that you see in your classroom.

		Integration with Maths Counting of objects econtent – https://youtu.be/JNtelNtX3G8?si=CAIdAMvb-Kczccl- Teaching aid- Objects made of different material as wood, plastic, iron etc.
10	MAKING THINGS	As per NEP Integration with Art - Visit a potter with your elders. - Model of house - Make aipan in a pot, cup etc. - Make your own clay using soil. - Make anything you like with the clay and put it out in the Sun to dry. - Make a wall using matchboxes. Integration with PE - Hopscotch (number pattern) Integration with Maths - Pattern/design econtent – https://youtu.be/q4IbNebG7ZA?si=E4WKE-ryFpJQHE1Q Teaching aid- Different things having patterns, Pictures of different types of house
11	TAKING CHARGE OF WASTE	As per NEP Integration with Art - Celebration of National Cleanliness Day - Reuse – Make a pencil stand using waste material Integration with PE - Vaccine Vijayate (Refer <i>Khel Yoga</i>) Integration with language Discussion about pollution econtent – https://youtu.be/GukglAArpa0?si=C-etDXd4Ss05rlts Teaching aid- Various things used in cleaning

CLASS - III		KHEL YOGA
SN. No.	Name of the chapter/topic to be covered	Teaching Aids/ EContent/ Innovative practice to be adopted
1	YOGA YG 1: Being Happy, Being Healthy, Being Kind (BASIC MOTOR MOVEMENT) THROWING AND CATCHING BM1: Catch and Throw BM 2: Pick Up and Throw BM3: Hit the Target LOCAL AND TRADITIONAL GAMES OG 1: Seven Stones OG2: Golaap Togor	Material required- Balls , Socks ball, Sponge ball, Cones, Tennis ball, Handball E-Content- (Seven Stones) https://youtu.be/-8VLsChSF2U?si=pxyNeJuifPD0SXzU
2	YOGA YG 2: Yama (Good Behaviour) (BASIC MOTOR MOVEMENT) Kicking and Receiving BM4: Knocks the Cones BM 5: Relay Catching BM 6: Ball On The Wall LOCAL AND TRADITIONAL GAMES OG 3: Pakdam – Pakdai OG 4: Chain (Sankali)	Material required- Cones, balls E-Content- (Chain / Sankal https://youtube.com/shorts/-d1VsfJxgeo?si=Zj3Lp7QQwrZYxIki
3	Yoga YG 4: Niyama (Good Habits) YG 6: introduction YG 5: everyday activities (BASIC MOTOR MOVEMENT) Kicking And Receiving BM 7: Pass The Ball BM 8: Shadow Ball BM 9: Flick The Ball BM 10: Flick In The box LOCAL AND TRADITIONAL GAMES OG 5: Aankh Micholi	Material required- Soft ball, cloth ball, Empty box, Football E-Content-(Good Habits) https://youtu.be/gwEgTQxZgw8?feature=shared

	OG 6: Bitta Kud	
4	Yoga YG 7:: Preparatory Practices YG 8:: Basic Postures YG 9: Asana Practice (VRIKSHASANA, SUKHASANA) (BASIC MOTOR MOVEMENT) Kicking And Receiving BM11 : Monkey In The Middle BM 12 : Sit And Rise SRIKE THE BALL BM 13: Strike The Balloon BM 14 : Body And Balloon LOCAL AND TRADITIONAL GAMES OG 7: Hopscotch OG 8: Cockfighting	Material required- Balloons, sticks, Cones, Marking powder E-Content- (vrikshasana) https://youtube.com/shorts/eMr9EZEVSo8?si=lYQ23o9ZBipANJ8m (Hopscotch) https://youtube.com/shorts/ds3WWkn7pG4?si=AdRm6YCjO_8klL-D
5	Yoga YG9 :Vajrasana, Bhungasana, Pavanmuktasana YG 10: Breathing Practices YG11: “ OM Chanting” (BASIC MOTOR MOVEMENT) SRIKE THE BALL BM 15 : Soft Ball Control BM 16 : Playing Pass BM17 : Scoop in the square BM 18: Receiving With Stick LOCAL AND TRADITIONAL GAMES OG 9: Kumir Denga OG 10: Hum Phoolon Ki Sadak Par Chalte Hain	Material required- Music player , Mat, Hoops, Disease and Vaccine Tags E-Content- (Breathing Practice) https://youtu.be/l77hh5I69gA?si=e5OiTqSmhqwtlV08 (Om Chanting) https://youtube.com/shorts/Po0ItsQH7l0?si=LBLro2yJMBbnb94M
6	YOGA YG3 : Eye exercise YG 8:: Basic Posture (BASIC MOTOR MOVEMENT) LITTLE STEPS BM19: Balancing The Stick BM 20: Keep On Moving	Material required- Handkerchief , Cloth, Hopscotch, Ball Spoon Lemon, Tug, E- Content- (Eye exercise) https://youtube.com/shorts/uUVml5pCQxQ?si=vTBNd2gDstAa618f

	YG 12: Krida yoga , Mind game BM21: Hold Your Ground LOCAL AND TRADITIONAL GAMES OG 11: Dodge Ball OG 12: Spoon Race	(Balancing the stick) https://youtube.com/shorts/hMBsF3MCxOw?si=pfB33JoVhG5iot7Z
7	Yoga YG 10: Breathing Practice YG 13: Japa Tapa, Power Of Breath (BASIC MOTOR MOVEMENT) LITTLE STEPS BM 22: Planks BM 23: Find The House LOCAL AND TRADITIONAL GAMES OG13: Gadda Maar OG 14: Tug Of War	Material required- Yoga mat , Rope E-Content- (Planks) https://youtu.be/pvIjsG5Svck?si=r7K7fUweJo9svUvI (Tug of war) https://youtube.com/shorts/EBDg_FycHRA?si=hkWBKwDhXoFB276l
8	YOGA YG 9: Asana Practice (Vrikshasana , Sukhasana) YG 14 :_Rishi Patanjli Says (BASIC MOTOR MOVEMENT) LITTLE STEPS BM 24: Chor Police BM 25: Shuttle Run LOCAL AND TRADITIONAL GAMES OG 15: Three – Legged Race OG16: In And Out	Material required- Yoga mat, Rope E-Content- (Three legged race) https://youtube.com/shorts/zy9zGlbmVV8?si=rODredvBQ9QGbc9l
9	<u>YOGIC PRACTICES (YOGA SADHANA)</u> YG 15:_Shabda Grahi, Sundar –Uttam (BASIC MOTOR MOVEMENT) LITTLE STEPS BM 26: Dodging Moving To Safety LOCAL AND TRADITIONAL GAMES OG17: Light And Shade	Material required- Yoga chart E-Content- (light and Shadow) https://youtu.be/4vUozykivNA?feature=shared
10	YOGA YG 10: Breathing Practices YG11: “ OM Chanting (BASIC MOTOR MOVEMENT) LITTLE STEPS	Material required- vaccine tag, handkerchief <u>E-Content-</u> (Aankh micholi)

	BM 27 : Vaccine Vijayate LOCAL AND TRADITIONAL GAMES OG 5: Aankh Micholi OG 6: Bitta Kud	https://youtube.com/shorts/P4E1ke1_Ngw?si=u7ww3CyQG1TxDt4m
11	YG 9: Vajrasana , Bhungasana , Pavanmuktasana (BASIC MOTOR MOVEMENT) THROWING AND CATCHING BM 3: Hit the target Kicking and receiving BM11: Monkey in the middle LOCAL AND TRADITIONAL GAMES OG 9: Kumir Denga OG10: Hum Phoolon Ki Sadak Par Chalte Hain	Material required- ball , yoga mat E-Content- (Pavanmuktasana) https://youtube.com/shorts/1HKcm3cAWt4?si=ojAsM6x0YmAfCQII (Bhungasana) https://youtu.be/orGvMehBDQs?si=cEbJ17k1taRdoJka

CLASS III		(ART)
Sl.NO.	Name of the chapter/topic to be covered	Teaching Aids/ EContent/ Innovative practice to be adopted
1	<u>Visual Arts</u> 01: Objects in art Activity 1: Play with lines Activity 2: Draw and colour objects found around you Activity 3: Trace, cut and overlap Activity 4: Draw a bottle and play with its shape <u>Performing Arts</u> <u>Music- 06: Our national anthem</u> Activity 1: let's sing the national anthem Activity 2: Sounds and music 07: Feel the rhythm ta ka ta ki ta Activity 1: One to three Four! <u>Movement and Dance-11: Let us dance</u> Activity 1: Move freely Activity 2: Dance to the beats Activity 3: Guess the Actions <u>Theatre- 15: Explore (ACT1 Scene 1- Walk of wonder)</u> Activity 1: Speedy steps Activity 2: You are in a situation! Activity 3: Sit-turn-jump	<u>Visual Arts</u> Variety of markers and pencils, paper with different texture, geometric shapes and rulers etc.colourful paper, Scissor and Glue, teaching tools, example and demonstration. show examples of different types of bottles, Clay and modeling tools, show image of different objects created with Clay to inspire students creativity etc. https://youtu.be/QpTQXiJR-54?si=kElyK3vvzTNr11-u <u>Performing Arts</u> <u>Music-</u> national flag, patriotic image, Music instruments, sound making objects etc. https://youtu.be/1AWX5oBd2ls?si=n5XJE4IILJfQVoE6 use rhythm instrument, body percussion like clapping, tapping. https://youtu.be/3TOGvgf5ryQ?feature=shared <u>Movement and Dance-</u> Music and beats, dance props dance videos, an open area where students can move and dance freely etc.Action cards, music and sound effects, mimicry etc. https://youtu.be/UYztCPesCQw?feature=shared <u>Theatre-</u> Open space, music and sound effects, timer, makings on the stage or floor to guide students movements etc.play music and sound effects to enhance the activity,create action cards with instructions like sit, down and jump to help students follow the activity. https://youtu.be/boHe9yaQZgg?feature=shared
2	<u>Visual Arts</u> 01: Objects in art Activity 5: Play with clay Activity 6: Making pots 02: Plants in art Activity 1: Nature walk and	<u>Visual Arts</u> Clay and modeling tools, show image of different objects created with Clay to inspire students creativity etc. Clay, Pottery Wheels, Ceramic Glazes.Colorful Pencils, Nature Pictures, Drawing Paper, Plant Specimens. https://youtu.be/QpTQXiJR-

	drawing Activity 2: Draw from nature <u>Performing Arts</u> <u>Music-07: Feel the rhythm ta ka ta ki ta</u> Activity 2: Cell and response mapping Activity 3: Let's listen and learn <u>Movement and Dance- 11: Let us dance</u> Activity 4: Movements in four beats	54?si=kElyK3vvzTNrl1-u https://youtu.be/sKNgq9RIgVc?si=c5pLlpnGmnytNqQ1 <u>Performing Arts</u> Tools (e.g. whiteboards, sticky notes) for students to map out their call-and-response patterns and movements. Recordings of different rhythms and music styles for students to listen and learn, Music Videos, Interactive Rhythm Games etc. https://youtu.be/3TOGvgf5ryQ?feature=shared <u>Movement and Dance-</u> Activity 4: Music and sound effects in 4/4 time signature for students to move and dance to, Clear instructions on leader and follower roles to facilitate group dance movements. https://youtu.be/UYztCPesCQw?feature=shared
3	<u>Visual Arts</u> 02: Plants in art Activity 3: Juicy colours Activity 4: Goal grill in buildings Activity 5: Make your own jali <u>Performing Arts</u> <u>Music-07: Feel the rhythm ta ka ta ki ta</u> Activity 4: Learn the rhythm with musical instruments <u>Movement and Dance- 11: Let us dance</u> Activity 5: Movements of hands or fingers Activity 6: Matching steps with hands <u>Theatre- 15: Scene 2- Communicate without lacking</u> Activity 4: Freeze and justify Activity 5: Group structures	<u>Visual Arts</u> Drawing Paper, Plant Specimens. Gol Grill in Buildings, Grill Patterns, Colorful Markers. Make Your Own Jail, Cardboard Boxes, Scissors, Glue and Paint. https://youtu.be/sKNgq9RIgVc?si=c5pLlpnGmnytNqQ <u>Performing Arts</u> <u>Music-</u> Learn the Rhythm with Musical Instrument: Various musical instruments (e.g. drums, maracas, xylophone) for students to learn and practice, Exercises and drills for students to practice playing rhythms on their instruments. https://youtu.be/3TOGvgf5ryQ?feature=shared <u>Movement and Dance-</u> Hand and Finger Exercises, Puppets or props for students to use and practice hand and finger movements, Music and Sound Effects, Mirrors or reflection for students to observe and practice their hand and finger movements. Step-by-Step Instructions, Cards with specific dance movements (e.g. step-touch, jump, clap) for students to match with hand movement. https://youtu.be/UYztCPesCQw?feature=shared <u>Theatre-</u> Role-Playing Scenarios, Communication Cards, Feedback Forms. Group Roles, Communication Guidelines, Collaboration Tools. https://youtu.be/boHe9yaQZgg?feature=shared

4	<u>Visual Arts</u> 02: Plants in art Activity 6: Stories in pictures <u>Performing Arts</u> <u>Music</u>- 07: Feel the rhythm ta ka ta ki ta Activity 5: Learn the rhythm with your body Activity 6: Learn the notes (Swara) in music <u>Movement and Dance</u>- 12: Dance for joy Activity 1: Know my body parts Activity 2: Move the body to the rhythm <u>Theatre</u>- 15: Scene 2- Communicate without lacking Activity 6: Magic pit (object) 16- (Imagine) Act Scene 3- situational reception Activity 7: Magic pit (Situation)	<u>Visual Arts</u> Stories in Pictures, Storybooks, Drawing Paper, Colorful Pencils and Markers. https://youtu.be/sKNgg9RIgVc?si=c5pLlpnGmnytNqQ1 <u>Performing Arts</u> <u>Music</u>- Music Instruments (e.g. drums, maracas), Body Movement Cards (e.g. clap, jump, spin). Swara Charts, Music Sheets with Swara Notation. https://youtu.be/3TOGvgf5ryQ?feature=shared <u>Movement and Dance</u>-Body Part Flashcards, Action Songs (e.g. "Head, Shoulders, Knees, and Toes"). Music Instruments (e.g. drums, maracas), Dance Movement Cards (e.g. clap, jump, spin) <u>Theatre</u>- Pen, Book, Coffee mug, Imagination Cards (e.g. fantasy creatures, magical objects, Role-Playing Costumes and Props). https://youtu.be/boHe9yaQZgg?feature=shared https://youtu.be/vwr1w8RqkIs?feature=shared
5	<u>Visual Arts</u> 02: Plants in art Activity 7: draw with plant motifs <u>Performing Arts</u> <u>Music</u>- 07: Feel the rhythm ta ka ta ki ta Activity 7: Let's sing head shoulders knee and toes Activity 8: A Birthday song Activity 9: An interesting story Activity 10: Animals and sounds <u>Movement and Dance</u>- 12: Dance for joy Activity 3: Routine story in dance Activity 4: Your folk dance Activity 5: Draw a picture of a folk dance with 3-4 people <u>Theatre</u>- (Imagine) ActScene 3- situational reception	<u>Visual Arts</u> plain paper, chart paper, waste rags, old newspaper, colour papers, thread and glue. Natural materials like seeds, flowers, leaves, petals that have fallen on the ground. https://youtu.be/sKNgg9RIgVc?si=c5pLlpnGmnytNqQ1 <u>Performing Arts</u> <u>Music</u>- Song Video, Action Cards (e.g. touch head, shoulders, knee, toes). Song Video, Music Instruments, Storybooks, Animal Pictures, Puppets or Stuffed Animals, Sound Cards (e.g. animal sounds, musical notes). https://youtu.be/3TOGvgf5ryQ?feature=shared <u>Movement and Dance</u>- Story Sequence Cards, Dance Costumes and Props. Folk Dance Videos, Traditional Costumes. Drawing Paper, Colorful Markers and Crayons, Folk Dance Pictures for Reference. https://youtu.be/CEIEz_X1ep4?si=VjZCzehVBrQ5MtbN <u>Theatre</u>-pen, copy, duster and other classroom

	Activity 8: Object improvisation Activity 9: Sound improvisation	objects, Everyday Objects (e.g. chair, book, cup), Imagination Cards, Role-Playing Scenarios. Rhythms of local drums, whistling etc. Recording music could be used for instrumental music of a flute, ektara etc., to create different modes and emotions. https://youtu.be/vwr1w8RqkIs?feature=shared
6	<u>Visual Arts</u> 05- Festivals, occasions, and celebrations Activity 1: Floor and wall designs Activity 2: Flowers sing on the string <u>Performing Arts</u> <u>Music</u>- 07: Feel the rhythm ta ka ta ki ta Activity 11: Building blocks of music Activity 12: The music in notes (Alankar and Sargam) Singh and repeat Activity 13: Learn about Taala Activity 14: Listen to this song and try to keep Taala with it <u>Movement and Dance</u>-13: I play and dance Activity 1: Movement patterns Activity 2: Fun with musical instruments and props <u>Theatre</u>- 17: (Its create) ACT 3 Scene 5- Create a scene Activity 10: Role play	<u>Visual Arts</u> Colorful Chalks or Paints, Stencils or Templates, Design Inspiration Pictures. Colorful Papers or Fabric, Scissors and Glue, String or Thread, Flower-Shaped Templates or Stencils. https://youtu.be/ht-fJAFAIXk?feature=shared <u>Performing Arts</u> <u>Music</u> –Taanpura, Music Sheets with Alankar and Sargam Notation, Sargam Charts for Reference. Tabla Instrument for Demonstration, Tabla Playing Videos for Visual Learning, Basic Tabla Lessons for Beginners. Music Player with Fun and Engaging Songs, Drums or Clapping Sticks for Rhythm Practice, Beat-Keeping Charts for Visual Aid. https://youtu.be/3TOGvgf5ryQ?feature=shared <u>Movement and Dance</u>-try using the available musical instruments to create rhythmic movements. You can also use kitchen utensils as musical instruments. Ribbon or ring as a dance prop. https://youtu.be/tihXr7rEgtI?feature=shared <u>Theatre</u>- Costumes and Props, Scenario Cards (e.g. doctor, teacher, shopkeeper), Script or Storyline Guides. https://youtu.be/reEXRIYVT4c?feature=shared
7	<u>Visual Arts</u> 05- Festivals, occasions, and celebrations Activity 3: Make your own paper lanterns Activity 4: Make your own clay lamps <u>Performing Arts</u> <u>Music</u>- 10 Celebratory notes	<u>Visual Arts</u> Colorful Papers or Foils, Scissors and Glue, Lantern Templates or Patterns, String or Thread. Clay or Modeling Dough, Lamp Molds or Shapes, Paints or Decorative Materials, Candles or LED Lights. https://youtu.be/ht-fJAFAIXk?feature=shared <u>Performing Arts</u> <u>Music</u>- Audio Recordings of Festive Songs, Lyrics

	Activity 1: Let's listen and learn a Diwali song Activity 4: Let's listen and learn a song for Eid <u>Movement and Dance- I play and dance</u> Activity 3: Moments with music Activity 4: Rhythm of three beats Activity 5: Different beat patterns <u>Theatre- Scene 6- Stories in action</u> Activity 11: Group role plays	Sheets or Printouts, Music Player or Instrument, Cultural or Festival-Themed Props. https://youtu.be/J6D2TeabZIA?feature=shared <u>Movement and Dance-</u> Music Player, Dance Mats, Movement Cards (e.g. jump, spin). Drums or Clapping Sticks, Beat-Keeping Charts, Music with 3-Beat Rhythm. sticks, percussion instruments, metronome, count the beats. https://youtu.be/tihXr7rEgtI?feature=shared <u>Theatre-</u> familiar stories can be driven from various lesson in other textbooks, language books, history books, Scenario Cards (e.g. doctor, teacher, shopkeeper), Costumes and Props, Script or Storyline Guides, Role-Play Badges or Name Tags. https://youtu.be/reEXRIYVT4c?feature=shared
8	<u>Visual Arts</u> 03- Animal in art Activity 1: Make an animal story Activity 2: animal and me Activity 3: animal Act <u>Performing Arts</u> <u>Music- 08: Travel around</u> Activity 1: Sing a song in a new language! Activity 2: Learn about dynamics Activity 3: Let's learn an odia song Activity4: Keep rhythm with syllables Activity 5: Listen and learn to sing in Kashmiri Activity 6: Listen and learn to sing in Konkani Activity 7: Listen and learn to sing in Tamil <u>Theatre- 18: (Look around ACT 4)</u> Scene 7- crafting narratives Activity 12: Observation and storytelling	<u>Visual Arts</u> Storybooks, Animal Pictures, Colorful Markers and Crayons. Animal Photos, Self-Portraits, Drawing Paper and Colors. Animal Masks or Costumes, Script or Storyline Guides, Music or Sound Effects. https://youtu.be/3y9Zv0tld7k?si=uMyiu_f100RNC0IP <u>Performing Arts</u> <u>Music-</u> Song Lyrics, Music Player, Language Flashcards, Music Sheets, Dynamic Markings (e.g. loud, soft), Instrument Demonstrations, Odia Song Lyrics, Odia Cultural Resources (e.g. pictures, videos). Rhythm Cards, Syllable Charts, Language Flashcards, Cultural Resources (e.g. pictures, videos), Language Resources (e.g. pronunciation guides) https://youtu.be/aYz3RXWqS44?feature=shared <u>Theatre-</u> Picture Cards or Storybooks, Puppets or Props, Storytelling Guides or Prompts. https://youtu.be/reEXRIYVT4c?feature=shared

9	<u>Visual Arts</u> 03- Animal in art Activity 4: Animal blocks Activity 5: Create a home for your pet <u>Performing Arts</u> <u>Music- 10 Celebratory notes</u> Activity 2: Let's listen and learn a New year song Activity 3: Let's listen and learn a Christmas song <u>Movement and Dance- 14- Dance with nature</u> Activity 1: Nature and body Movements Activity 2: Nature and rhythmic movements <u>Theatre- Scene 7- crafting narratives</u> Activity 13: Picture story telling	<u>Visual Arts</u> Animal Figures or Models, Inspiration Pictures (e.g. animal habitats, zoos).Activity 5: Building Materials (e.g. blocks, LEGOs, cardboard boxes), Pet Pictures or Models, Habitat Inspiration Pictures (e.g. dog houses, bird cages), Craft Supplies (e.g. glue, scissors, markers). https://youtu.be/3y9Zv0tld7k?si=uMyiu_f100RNC0lP <u>Performing Arts</u> <u>Music-</u> Audio Recordings of Festive Songs, Lyrics Sheets or Printouts, Music Player or Instrument, Cultural or Festival-Themed Props. https://youtu.be/J6D2TeabZIA?feature=shared <u>Movement and Dance-</u> using your hands, arms and body try to show the movements in smooth and flowing ways, similar to the gentle movements you see in nature. Nature Sound Recordings, Rhythmic Music or Beats, Movement or Dance Props, Nature-Inspired Instruments (e.g. chimes, drums). https://youtu.be/iAKyMw_K8I?feature=shared <u>Theatre-</u> use a simple picture of a single object or animal (a tree, a pot, a cat etc) https://youtu.be/reEXRIYVT4c?feature=shared
10	<u>Visual Arts</u> 04- People around us Activity 1: Let's dress up Activity 2: What to wear and when? <u>Performing Arts</u> <u>Music- 10 Celebratory notes</u> Activity 5: Let's listen and learn a prayer dedicated to Lord Buddha Activity 6: Let's listen and learn a patriotic song <u>Movement and Dance- 14- Dance with nature</u> Activity 4: Dancing to a regional song <u>Theatre- Scene 8- Community creativity</u> Activity 14: Community creativity	<u>Visual Arts</u> Pictures of Different Professions (e.g. doctor, teacher, chef), Traditional and Cultural Dresses, Costumes or Fabric Pieces, Accessories (e.g. hats, scarves, badges), Craft Supplies (e.g. glue, scissors, markers).Pictures of Different Clothes, Seasonal or Occasional Dress-up Props https://youtu.be/U0GWaUEdBGc?si=hiNSQsMkLO-Tw81x <u>Performing Arts</u> <u>Music-</u> Audio Recordings, Lyrics Sheets, Music Player, Cultural or Festival-Themed Props, Images or Pictures related to Eid, Lord Buddha, or National Symbols, Simple Instruments or Music Accompaniment. https://youtu.be/J6D2TeabZIA?feature=shared <u>Movement and Dance-</u> Music Player or Instrument, Dance Movement Guides or Charts, Costumes or Props, Lyrics Sheets or Song Printouts.

		https://youtu.be/iAKyMw_K8I?feature=shared Theatre- Activity 14: Audio Recordings, Lyrics Sheets, Music Player, Festival-Themed Props. https://youtu.be/reEXRIYVT4c?feature=shared
11	<u>Visual Arts</u> 04- People around us Activity 3: Draw a face Activity 4: Draw hands 05- Festivals, occasions, and celebrations Activity 5: Make jewellery <u>Performing Arts</u> <u>Music-</u> 09 Musical instruments Activity 1: Know your instruments Activity 2: Make a kitchen orchestra Activity 3: Make a Shaker! Activity 4: Sounds of musical instruments Activity 5: Many type of drums Activity 6: Listen and learn about patterns in music <u>Movement and Dance-</u> 14- Dance with nature Activity 3: Story of nature in dance <u>Theatre-</u>19: (Activities ACT 5) Activity 15: Make your own story	<u>Visual Arts</u> Paper Plates or Drawing Sheets, Crayons or Markers, Face Pattern Templates. Paper or Drawing Sheets, Crayons or Markers, Hand Pattern Templates. https://youtu.be/U0GWaUEdBGc?si=hiNSQsMkLO-Tw81x Beads or Jewelry Findings, String or Wire, Jewelry Making Tools (e.g. pliers, cutters), Design Inspiration Pictures or Templates. https://youtu.be/ht-fJAFAIXk?feature=shared <u>Performing Arts</u> <u>Music-</u> Pictures of Different Instruments, Simple Instruments (e.g. drum, maracas). Kitchen Items (e.g. pots, pans, wooden spoons), Music Player or Metronome. Empty Containers (e.g. plastic bottles, cardboard tubes), Fillers (e.g. beads, rice, small pebbles). Instrument Pictures or Flashcards, Audio Clips or Sound Effects, Simple Instrument Models or Toys. Pictures of Different Drums (e.g. tabla, dholak, bongo), Drum Models or Toys, Drum-Specific Sound Effects. Music Player or Metronome, Rhythm Charts or Pattern Cards, Pattern Blocks or Sequencing Toys, Music-Based Games or Apps 09 Musical instruments. https://youtu.be/d6gn0zWRIYM?feature=shared <u>Movement and Dance-</u> Activity 3: Nature-Inspired Music or Soundscapes, Costumes or Props (e.g. leaves, flowers), Dance Movement Guides or Charts, Nature-Themed Storybooks or Pictures. https://youtu.be/iAKyMw_K8I?feature=shared <u>Theatre-</u> Activity 15: Storybooks or Picture Cards, Writing Materials (e.g. paper, pencils), Imagination Prompts or Story Starters, Illustrations or Drawing Tools.

CLASS – IV		SUBJECT-HINDI
Sl. NO	Name of the Chapter/Topic	Teaching Aids/E-content/Innovative practices
1	पाठ-1 चिड़िया का गीत	NEP के अनुसार कला का एकीकरण- कागज़ को काटकर चिड़िया बनाना शिक्षण-सामग्री :- चिड़िया के चित्र एवं घोंसला चिड़िया का जीवन चक्र CCT *पक्षियों से संबंधित पहेलियाँ https://epathshala.nic.in/topic.php?id=0431CH01
2.	पाठ-1 चिड़िया का गीत	NEP के अनुसार कला का एकीकरण- चिड़िया का चित्र बनाओ खेल का एकीकरण- चिड़िया उड़ खेल खिलाओ गणित से एकीकरण- अंडाकार वस्तुओं की पहचान विभिन्न आकारों की पहचान शिक्षण-सामग्री :- चिड़िया के चित्र एवं घोंसला चिड़िया का जीवन चक्र विभिन्न आकार की वस्तुएँ विभिन्न आकारों के मॉडल
3.	पाठ-2 बगीचे का घोंघा	NEP के अनुसार कला का एकीकरण- घोंघे का चित्र बनाओ खेल का एकीकरण- तीन टांग की दौड़ कछुए की चाल चलो , भुजंगासन(योग), ब्रह्मरी(योग) शिक्षण-सामग्री घोंघे का चित्र बगीचे में पाए जाने वाले अन्य जीव जंतुओं के चित्र (TWUA) https://epathshala.nic.in/topic.php?id=0431CH02

	पाठ-3 नीम	NEP केअनुसार कला का एकीकरण- वृक्ष के चार्ट बनाते हुए उसकी विशेषता लिखना एवं मिलने वाली वस्तुएं चिपकाएँ /चित्र चिपकाएँ खेल का एकीकरण- स्त्रीलिंग पुर्लिंग टोकरी का खेल खिलाये शिक्षण-सामग्री बगीचे में नीम का वृक्ष की पहचान करवाना (TWAU) विभिन्न साग सब्जियां , स्त्रीलिंग पुर्लिंग टोकरी विभिन्न प्रकार की पत्तियां (TWUA) काएकीकरण विभिन्न औषधी की पहचान *पौधारोपण https://epathshala.nic.in/topic.php?id=0431CH03
4.	पाठ-4 हमारा आहार	NEP केअनुसार कला का एकीकरण- Food role play (स्वास्थ्य के लिए लाभदायक एवं हानिकारक) खेल का एकीकरण- फल और सब्जियों को अलग अलग छांटना (दौड़) शिक्षण-सामग्री संतुलित-आहारकाचार्ट , विभिन्न प्रकार के भोज्य पदार्थशब्द रचना (TWUA) का एकीकरण सामुदायिक भोज https://epathshala.nic.in/topic.php?id=0431CH04

	पाठ-5 आसमान गिरा	NEP के अनुसार कला का एकीकरण- पाठ का नाटकीयकरण विभिन्न जानवरों के मास्क बनाना और कागज़कीकठपुतलीबनाना खेल का एकीकरण-जानवरों की दौड़ शिक्षण-सामग्री- जानवरों के मास्क, कठपुतलियां Soft toys, कटहल का चित्र गणित से एकीकरण चित्र में छिपे जानवरों को गिनकर लिखो (पेज58) https://epathshala.nic.in/topic.php?id=0431CH05
5.	पाठ-6 जयपुर से पत्र	NEP के अनुसार कला का एकीकरण- *डाक पेटी का मॉडल खेल का एकीकरण- शिक्षण-सामग्री विभिन्न प्रकार के पत्रों के नमूने जयपुरकेऐतिहासिकपर्यटनकेचित्र गणित से एकीकरण अपने स्थान से जयपुर पहुँचने का route mapबनाना जयपुरपहुँचने की समय सारिणी बनाओ (रेल द्वारा, बस द्वारा और हवाई जहाज द्वारा) (TWUA) का एकीकरण भारतके नक्शे में अपने स्थान से जयपुर तक का मार्ग दिखाओ जयपुरके ऐतिहासिक स्थानों की जानकारी राजस्थान की संस्कृति https://epathshala.nic.in/topic.php?id=0431CH06
	पाठ-7 नकली हीरे	NEP के अनुसार कला का एकीकरण- *चित्रकथाका नाटकीयकरण खेल का एकीकरण पांच अंतर बताओ (चित्र का खेल)

		शिक्षण-सामग्री :- (नकलीनोट) , अकबर बीरबल की कथाएं https://epathshala.nic.in/topic.php?id=0431CH07
6.	पाठ-8 ओणम के रंग	NEP के अनुसार कला का एकीकरण- कागज की नौका बनाना देश के विभिन्न राज्यों के शास्त्रीय और लोक नृत्यों के चित्र और केरल राज्य का नृत्य कराना ओणम का त्योहार मनाना मलयालम लोक गीत (TWUA) का एकीकरण केरल राज्य को मानचित्र में दर्शाना *विभिन्न फसलों से जुड़े त्योहारों के नाम खेल का एकीकरण- नौकादौड़ की जानकारी अपनी अपनी कागज की नौका बनाकर पानी में दौड़ाओ शिक्षण-सामग्री- वामन अवतार की कथा https://epathshala.nic.in/topic.php?id=0431CH08
7.	पाठ-9 मिठाइयों का सम्मेलन	NEP के अनुसार कला का एकीकरण- मिठाइयों का नाटकीयकरण (रोले प्ले) मिठाइयों के चित्र *भारत के विभिन्न प्रदेशों की मिठाइयों के नाम मिठाइयों का बाज़ार लगाना कोई भी मिठाई बनाना (पाक कला) खेल का एकीकरण- जलेबी दौड़ शिक्षण-सामग्री विभिन्न प्रकार की मिठाइयाँ https://epathshala.nic.in/QR/?id=0431CH09
8.	पाठ-10 कैमरा	NEP के अनुसार कला का एकीकरण- विभिन्न कैमरों के चित्र *स्टिक की सहायता से फोटो फ्रेम बनाना

		Selfie stand में चित्र खींचें खेल का एकीकरण- चित्र में आये वस्तुओं को खोजें Memory game शब्द खेल शिक्षण-सामग्री कैमरा, विभिन्न चित्र (बच्चों द्वारा कैमरे से लिए गये) (Nature images) https://epathshala.nic.in/topic.php?id=0431CH10
9	पाठ-11 कविता का कमाल	NEP के अनुसार कला का एकीकरण- पाठ का नाटकीयकरण (कविता ज्ञान द्वारा) कक्षा में बच्चों का कवि सम्मेलन खेल का एकीकरण- कविता प्रतियोगिता शिक्षण-सामग्री विभिन्न कविताएँ https://epathshala.nic.in/QR/?id=0431CH11
10.	पाठ-12 शतरंज में मात	NEP के अनुसार कला का एकीकरण- घर में खेले जाने वाले खेलों के चित्र पाठ का नाटकीयकरण खेल का एकीकरण- शतरंज खेलना एवं घर में बैठकर खेले जाने वाले खेल शिक्षण-सामग्री घर में बैठकर खेले जाने वाले खेल तेनाली राम के किस्से शतरंज https://epathshala.nic.in/QR/?id=0431CH12
11.	पाठ-13 हमारा आदित्य	NEP के अनुसार कला का एकीकरण- सूर्य का चित्र/ मास्क *आदित्य एल। कामॉडल शिक्षण-सामग्री

		राकेट का मॉडल शब्द रचना https://epathshala.nic.in/QR/?id=0431CH13
--	--	--

CLASS IV		SUBJECT - ENGLISH
SR NO.	Name of the chapter/ topic	Teaching Aids/ E-Content/ Innovative practice to be adopted
1	TOGETHER WE CAN	As per NEP Integration with art - Poem recitation (music) - Performing Arts: Role play - Rhyming words practice Integration with PE - Game – Relay Race Integration with TWAU - Naming words in surrounding. - Adjectives in surrounding. Teaching aid – Jadui Pitara
2	TOGETHER WE CAN	As per NEP Integration with art - Create symbol of togetherness Integration with PE - Play with your friends at home Integration with TWAU - Respect each other Teaching aid – picture cards for preposition
3	THE TWINKLING BELLS	As per NEP Integration with art - Create your own bell craft. Performing Art - Role play Integration with Maths - Making a bill of groceries. - Fix the puzzle. Integration with TWAU - Developing moral values such as honesty. - Pet and young ones Teaching aid – Bells , flash cards of animals, dummy currency

4	BE SMART BE SAFE	As per NEP Integration with art • Draw safety symbols. • Make a model of traffic lights. Integration with PE • Play indigenous games (refer <i>Khel Yoga</i>) Integration with TWAU • Encourage to use traffic rules while on road. Teaching aid – countable and uncountable nouns chart. E-Content: https://epathshala.nic.in/QR/?id=0432CH03
5	ONE THING AT A TIME	As per NEP Integration with art • Draw or paste activity that you enjoy doing. Integration with PE • Play indigenous games (refer <i>Khel Yoga</i>) Integration with TWAU • Write your daily routine. Teaching aid – picture cards for picture description
6	THE OLD STAG	As per NEP Integration with art • Create a THANK YOU card. Integration with TWAU • Learn about wild animals • Optimum utilisation of resources. Teaching aid – Picture cards of animals (Jaadui Pitara) E-Content: https://epathshala.nic.in/QR/?id=0432CH06
7	BRAILLE	As per NEP Integration with art • Writing names in Braille script. Integration with PE • Blind fold race Integration with TWAU • Developing sensitivity towards differently abled person. • Nearest resource centre for people with blindness.

		Teaching aid – Braille script letters.
8	FIT BODY, FIT MIND, FIT NATION THE LAGORI CHAMPIONS	As per NEP Integration with art • Draw musical instruments • Draw a sketch of your favourite sports man. • Performing Art- Play your favourite musical instrument. Integration with PE • Health and wellbeing Integration with TWAU • Prepare a healthy dish without fire. Teaching aid – Flash cards of sports equipment's *E content: https://epathshala.nic.in/QR/?id=0432CH07 As per NEP Integration with art • Create team badges by using art and creativity. Integration with PE • Various Indigenous games Integration with TWAU • Name some indigenous games in local language. Teaching aid – Flash cards of two pictures to point the difference. *E- content: https://epathshala.nic.in/QR/?id=0432CH08
9	HEKKO	As per NEP Integration with art • Create a picture of favourite indigenous game. Integration with PE • Play indigenous games. Integration with TWAU • Festivals celebrated in India. • Animals and their sounds Teaching aid – Festivals of India chart *E content: https://epathshala.nic.in/QR/?id=0432CH09
10	THE SWING	As per NEP Integration with art

		Draw a magical swing that can take you anywhere. Integration with PE - Physical activities you like to do in your free time. Integration with TWAU - Festivals in which people like swinging. - Parts of plants Teaching aid – video clip of festivals in which people like swinging.(ICT)
11	A JOURNEY TO THE MAGICAL MOUNTAINS	As per NEP Integration with art - Draw picture of beautiful mountain view. - Draw a picture of Santoor. Integration with PE - Climbing mountains Integration with TWAU - Observe the beauty of nature. - Use of animals in our life's. - Preserve our nature and resources. Teaching aid – Picture of Himalayan mountain, video of Himalaya.
12	MAHESHWAR	As per NEP Integration with art - Make drawings of historical monuments on chart paper.. Integration with Maths - Distance between States in km. Integration with TWAU - Major rivers in India - Various historical monuments of India. Teaching aid – model of historical monuments

CLASS – IV		SUB : MATHEMATICS
NO.	Name of the chapter/topic	Teaching Aids/ e-content/ Innovative practice to be adopted
1	1. Shapes Around Us	As per NEP Integration with ART Draw 2D and 3D shapes Make a sphere like shape with paper strips.(craft, page 3) Make 3D shapes using straws and plasticine/ thread.(page 4) Integration with PE Coiracle games like ghoda ha Jamal ka etc. Teaching aids- wooden/ plastic blocks,straw, dot paper , cubes from JADUI PITARA e-con
2	2. Hide and Seek	As per NEP Integration with ART Draw side view, front view and top view of some given objects. Make different buildings using empty matchboxes. Draw a sight map to show the way from your school entrance to your classroom. Integration with PE Grid game Grid game –treasure hunt (page 30) Jump on the number mat Teaching aids- toys, empty matchboxes, wodden or plastics 3d shapes from JaaduiPitara, brick , drone, puzzles https://epathshala.nic.in/QR/?id=0433CH02

3	3. Pattern Around Us	As per NEP Integration with ART Make patterns using flower petals, leaves Make patterns using coins , currency notes Integration with PE Make different yoga postures to make a pattern Teaching aids- Different seeds, Number cards, Stamps, dummy coins and currency notes , colored beads https://epathshala.nic.in/QR/?id=0433CH03
4	4. Thousands Around Us	Integration with ART Make a counting chart starting with one thousand Make arrow cards (page 56) Integration with PE Jumping game on number line Who comes first- run and solve the puzzle Teaching aids- clocks, dienes block, number chart, place value slider https://epathshala.nic.in/QR/?id=0433CH04
5	5. Sharing and Measuring	Integration with ART Paper folding activity (page76) Draw some 2 D shapes like square , circle etc. colour half with red and quarter with yellow colour . Integration with PE Let's play the market game Fire in the mountain run runrun Teaching aids- Beads, Dummy currency, origami shee https://epathshala.nic.in/QR/?id=0433CH05

6	6. Measuring Lengths 7. The Cleanest Village	Integration with ART Make a paper scale. Draw outline of your palm and measure its length Integration with PE- Long jump, high jump , ball throw https://epathshala.nic.in/QR/?id=0433CH06 Teaching aids-measuring tape, Real life things , rope Integration with ART Draw picture of a village Draw pictures of some fruits and vegetablesl. Integration with PE- Let us play (page 100) Let's play the market game Teaching aids- dummy currency, fruits or toy fruits, balance with weights, https://epathshala.nic.in/QR/?id=0433CH07
7	8. Weigh it, Pour it	Integration with ART- Dramatization of vegetable market Integration with PE- Lifting some heavy things and estimation of weights of these things. Walking race- fill a glass with water and keep it on your head and walk. Teaching aids- weighing machine or pan balance with weight box. Different packets of packed item like sugar , poha , salt etc empty plastic bottles, measuring cans link https://epathshala.nic.in/QR/?id=0433CH08

8	9. Equal groups 10. Elephants, Tigers and Leopards	Integration with ART Draw different flowers in given number of rows and columns. Integration with PE Jumping game (page 128) Teaching aids- Number mat for jumping ,flowers, toys,egg tray, chess board , dummy currency notes, peg board, ganit mala link https://epathshala.nic.in/QR/?id=0433CH09 Integration with ART Making animal mask, Integration with PE NIM game (page 149) Teaching aids- mask of animals, animal chart , toy animals , map of India https://epathshala.nic.in/QR/?id=0433CH10
9	11. Fun with Symmetry	Integration with ART Make airplane, kite, tile design, ink design showing symmetry. Make shapes showing symmetry Craft-make design by paper folding and cutting the paper Integration with PE Make airplane and fly. Now measure the distance covered by airplane Teaching aids- alphabet chart, tangram, flowers, colored tiles or pictures , mirror, origami sheets. link https://epathshala.nic.in/QR/?id=0433CH11
10	12. Ticking Clocks and Turning Calender	As per NEP Integration with ART Make a clock model, Make a calendar Integration with PE Calendar game Skipping or other game using stop watch Teaching aids- clocks , calendar , train ticket , digital watch , stop watch link https://epathshala.nic.in/QR/?id=0433CH12

11	13. The transport Museum	As per NEP Integration with ART Role play, story telling about museum Integration with PE- Number game Teaching aids- Toy vehicles, means of transport chart , multiplication table, Dummy Currency. link https://epathshala.nic.in/QR/?id=0433CH13
12	14. Data Handling	As per NEP Integration with ART- Role play-Balmela Integration with PE- Chess, cricket Teaching aids- 2D, 3 D Shapes, ice-cream sticks , link https://epathshala.nic.in/QR/?id=0433CH14

CLASS IV		SUBJECT - TWAU
Sr no.	Name of chapter	Teaching aid/e-content/integration with subject
1.	LIVING TOGETHER	As per NEP Integration with Art • Van Mahotsav drawing • Role play – shopkeeper, traffic, police, doctor, nurse, policeman, teacher Integration with PE • Play different indoor games with your family members Integration with language • Invite local skilled personnel such as gardeners' postal workers or bankers for interaction. Integration with Maths • Routes mapping from school to home Teaching aid - tools used by mason, carpenter, cleaner etc

4	FOOD FOR HEALTH	As per NEP Integration with Art • Food collage • Balanced food plate • Make a Solar cooker Integration with PE • Body building and energy giving food Integration with language • Find out the food thali from your region and list its food items Integration with Maths • Check the label (any food item) Teaching aid - real aids (food items of different tastes), video of different methods of cooking food, wrappers of different food items <i>Community lunch / Food festival</i>
5	HAPPY AND HEALTHY LIVING	As per NEP Integration with Art • World health day poster • Thank You card for food • Mindful eating Integration with PE • Indigenous games • Yoga poses Refer khel yoga textbook Integration with language • Write process of seed germination Integration with Maths • Balanced food diet chart Teaching aid - Genhukasafar (Chart - Jaadui Pitara), visuals of different harvest festivals,
6.	HOW THINGS WORK	As per NEP Integration with Art • Make different types of boats Integration with PE • Do floating and sinking activity at home Integration with language • Make a spinner with the with card board colour paper Integration with Maths • Collect And draw the name of circular things Teaching aid - Real aids (coin, bangle, pencil, spinning top, leaf, bowl etc)

10	OUR SKY	As per NEP Integration with Art • Different phases of Moon Integration with PE • Play with shadows Integration with language • Chandrayaan mission Refer class 3 textbook (Santoor and Veena) Integration with Maths • Pattern in Moon shape (saptarishi) Teaching aid - Model of rocket, video of phases of moon Launch of Chandrayaan video
----	---------	---

CLASS – 4		BANSURI – 2
S. NO.	Name of the chapter/topic to be covered	Teaching Aids/ EContent/ Innovative practice to be adopted
1	<u>VISUAL ARTS</u> 01: ARRANGEMENS OF OBJECTS Activity 1: Complete the picture Activity 2: A picture gallery <u>PERFORMING ARTS</u> THEATRE – EXPLORE! Activity 1: “Ram says....” MUSIC – SING AND PLAY Activity 1: Vocal warm-ups Activity 2: Match the pitch Activity 3: Find your range DANCE – MY BODY IN DANCE Activity 1: Dance to a festival song Activity 2: Movements in everyday life	<u>VISUAL ARTS</u> Variety of markers and pencils, paper with different texture, paintings made by Nandalal Bose <u>PERFORMING ARTS</u> THEATRE – Open space, create action cards with instructions like sit, down and jump to help students follow the activity. MUSIC – flashcards of Sargam patterns, musical instruments (tanpura, harmonium, keyboard etc) DANCE - Visuals of dance forms of different states Refer Chapter 4 of The World Around Us
2	<u>VISUAL ARTS</u> 01: ARRANGEMENS OF OBJECTS Activity 1: Arrange and draw objects <u>PERFORMING ARTS</u> THEATRE – EXPLORE! Activity 1: Wild walks and animal antics MUSIC – SING AND PLAY Activity 1: Animal and bird sounds DANCE – MY BODY IN DANCE Activity 1: Head, Neck and Eye movements	<u>VISUAL ARTS</u> Real aids: Pencils, erasers, books, bags, clothes and foot wears, vessels, grooming objects (toothbrush, soap, comb etc), tools used in farming, carpentry, plumbing, tailoring etc, musical instruments Integration with TWAU: Field visit – Visit a market and observe how objects are arranged and displayed by vendors and draw <u>PERFORMING ARTS</u> THEATRE –Jaadui Pitara (animal cards), open space, sound effect, Panchatantra story book Integration with DL: Videos of animals walk and their actions MUSIC – Audio clips of birds and animal sounds, Puppets and masks of animals DANCE - Open space, flashcards of different emotions

3	<u>VISUAL ARTS</u> 01: ARRANGEMENTS OF OBJECTS Activity 1: Visual hide and seek with objects Activity 2: Make a diorama <u>PERFORMING ARTS</u> THEATRE – IMAGINE Activity 1: Panchatantra exercise MUSIC – MAKING MUSIC Activity 1: Carnatic music Activity 2: Hindustani music DANCE – MY BODY IN DANCE Activity 1: Animal movements	<u>VISUAL ARTS</u> Variety of markers and pencils, paper with different texture, colours (light and dark tones of the same colour), empty matchboxes, pieces of rags Integration with Maths: Pattern <u>PERFORMING ARTS</u> THEATRE – Collaboration tools MUSIC – videos of songs (vandameenakshi, sriGanaNatha,namankarchatur), harmonium, tabla DANCE - Videos to show movement styles of different animals, animal dances
4	<u>VISUAL ARTS</u> 02: TEXTURES IN NATURE Activity 1: Imagine a wish-fulfilling tree (kalpavriksha) Activity 2: Frottage <u>PERFORMING ARTS</u> THEATRE – IMAGINE Activity 1: Object improvisation: Group MUSIC - SONGS AND STORIES Activity 1: Identify the genre Activity 2: Harvest songs DANCE – MY DANCE TELLS STORIES Activity 1: Animal game Activity 2: Guess my secret animal	<u>VISUAL ARTS</u> Variety of markers and pencils, colour pencils, crayons, paper with different texture, geometric shapes and rulers etc Integration with TWAU: Visit to school garden Refer chapter 4 of The world around us <u>PERFORMING ARTS</u> THEATRE – Recall theatre game (Grade 3), water bottle, ball, pencil box etc MUSIC – Audios of raga bhupali, ye dosti hum nahitodenge, RabindraSangeet, Kesariyabalam Integration with TWAU: Harvest festivals DANCE - Animal masks, open space to perform various movements of animals, flash cards of animals

5	<u>VISUAL ARTS</u> 02: TEXTURES IN NATURE Activity 1: Collage of trunk and branches Activity 2: Print the leaves <u>PERFORMING ARTS</u> THEATRE – IMAGINE Activity 1: Group seen building MUSIC- SONGS AND STORIES Activity 1: Lullaby – EnnammaThozhi Activity 2: Patriotic songs Activity 3: Songs for Unity DANCE – MY DANCE TELLS STORIES Activity 1: Birds in action Activity 2: Bird flight formations	<u>VISUAL ARTS</u> Dry twigs, leaves, sheets, water colour, sketch pens <u>PERFORMING ARTS</u> THEATRE- Open space, role play scenario, flash cards of themes (fear, anger, nature, school. travel etc), chairs MUSIC – Videos of popular patriotic songs (nanhamunharahihu, aaobachchontumhedikhave , vandemataram) DANCE - Story books (Panchatantra, Hitopadesha and Puranas), Visuals of different bird flight formations, Open space to create formations
6	<u>VISUAL ARTS</u> 03: AQUA WORLD Activity 1: Droplets, ripples and waves Activity 2: Shells and scales <u>PERFORMING ARTS</u> THEATRE - LET’S CREATE Activity 1: Mirror exercise MUSIC - THINK, FEEL, CREATE Activity 1: Aural forest Activity 2: The four friends DANCE – CREATING MY DANCE Activity 1: Rhythmic steps Activity 2: Circular movements	<u>VISUAL ARTS</u> Jaadupitara (chart ocean), colours, pencils, beads, pistachio shells, peanut shells, pencil peels etc Integration with DL: Videos and pictures of beaches, ocean and aquatic creatures Integration with TWAU: Formation of droplets, ripples etc Integration with Math: Patterns <u>PERFORMING ARTS</u> THEATRE – imitation in pairs, Integration with Maths: Symmetry MUSIC – Music and sound effects, DANCE - Open space

7	<u>VISUAL ARTS</u> 03: AQUA WORLD Activity 1: Reflection in water Activity 2: Underwater professionals <u>PERFORMING ARTS</u> THEATRE - LET'S CREATE Activity 1: Role play Challenge 1 - Interactive MUSIC - THINK, FEEL, CREATE Activity 1: Listening to a performance Activity 2: Interpreting music DANCE – CREATING MY DANCE Activity 1: Dance with props Activity 2: Elements of movement	<u>VISUAL ARTS</u> Mirror, a tub filled with water, Book of panchatantra story (Lion and his reflection), variety of pencils, erasers, colours, ruler etc Integration with TWAU: Professions <u>PERFORMING ARTS</u> THEATRE – Open space, props, masks of characters of the story, music and sound effects to make the scene realistic MUSIC - Field trip to watch a live music performance, arrange a local musician to visit the classroom, make a band of musicians in your class DANCE - colored sheets, pencils, sketch pens, golden lace, ribbon , cardboard, pompoms, flags, flashcards
---	---	---

8	<u>VISUAL ARTS</u> 03: AQUA WORLD Activity 1: Kolams Activity 2: Mobile- A moving artwork <u>PERFORMING ARTS</u> THEATRE - LET’S CREATE Activity 1: Role play Challenge 2 – Switch MUSIC - THINK, FEEL, CREATE Activity 1: Recording yourself and listening back Activity 2: A song of nature SOUNDS AND INSTRUMENTS Activity 1: If you’re happy and you know it DANCE – CREATING MY DANCE Activity 1: Team creativity EMOTION AND EXPRESSION IN DANCE Activity 1: Emotions	<u>VISUAL ARTS</u> Stone powder, rice flour, chalk, Coloured thread, rope, straw, origami sheets Refer chapter 4 of The world around us Integration with DL: Pictures of kolam designs <u>PERFORMING ARTS</u> THEATRE – Open space, props, masks of characters of the story, music and sound effects to make the scene realistic MUSIC - Recording device, audio clips of traditional folk songs of different states, open and quiet space DANCE - Open space, flash cards of different emotions
---	---	--

9	<u>VISUAL ARTS</u> 04: PEOPLE IN ACTION Activity 1: Visual journal <u>PERFORMING ARTS</u> THEATRE – LOOK AROUND Activity 1: Look around the country Hulivesha / Pilivesha MUSIC - SOUNDS AND INSTRUMENTS Activity 1: Superheroes without capes Activity 2: What is that sound? DANCE - EMOTION AND EXPRESSION IN DANCE Activity 1: Animal emotions	<u>VISUAL ARTS</u> Sheets of paper, pencil, Integration with Language: Action words <u>PERFORMING ARTS</u> THEATRE – Masks and puppets of tiger, body paint (yellow and black) sound effects (drum beats) Integration with ICT - Visuals of HuliVesha MUSIC - Posters on don't waste plastic, don't waste food, Musical instruments, sounds of different musical instruments DANCE - animal masks, stick puppet (emotions)
10	<u>VISUAL ARTS</u> 04: PEOPLE IN ACTION Activity 1: Drawing body movements <u>PERFORMING ARTS</u> THEATRE – LOOK AROUND Activity 1: Look around the country Hulivesha / Pilivesha MUSIC - SOUNDS AND INSTRUMENTS Activity 1: What is that sound? Activity 2: Classify the instrument DANCE – DANCES AROUND ME Activity 1: My dance and nature	<u>VISUAL ARTS</u> Spherical and cylindrical cutouts, Integration with Maths: shapes <u>PERFORMING ARTS</u> THEATRE – Animal masks, costumes, energetic music Integration with TWAU: States and popular folk art MUSIC - Musical instruments DANCE - Visuals of dance forms of different states and their names Refer to a nature song from music class

11	<u>VISUAL ARTS</u> 04: PEOPLE IN ACTION Activity 1: Toy people Activity 2: Spinning paper doll <u>PERFORMING ARTS</u> THEATRE – LOOK AROUND Activity 1: Look around the country Pasunritya / Pashumukha MUSIC - SOUNDS AND INSTRUMENTS Activity 1: Exploring musical instruments Activity 2: Make your own instrument DANCE – DANCES AROUND ME Activity 1: Learning my regional dance	<u>VISUAL ARTS</u> Geometric forms- cylinder, sphere, cube and cuboid, clay, wood, cloth, jute, palm leaves, paper mache, shells, metal, toys, broom sticks, coloured glue, A sized papers, pens, sketch pens, crayons, paints Integration with Maths: 3D forms with paper <u>PERFORMING ARTS</u> Costumes of animals, animal masks MUSIC - Different musical instruments, Popsicle sticks, rubber bands, long strip of papers, toothpicks DANCE - Regional costumes https://youtu.be/aK0j52gbTL0?si=tk_yxvX3K5xb0vue
----	--	---

CLASS – 4		KHEL YOGA – 2
SN No.	Name of the chapter/topic to be covered	Teaching Aids/ EContent/ Innovative practice to be adopted
1	YOGA YG 1: Yoga for daily life Astang yoga (aaharvihar ,achaaravicharnidra) YogSadhna (krida Yoga) Camel Walk ,Toe walk ,Crab Walk Anguli ,Maniband ,Kaponi ,Bhuj band Shakti ,SavasanaPadhasthasanaSavasana (BASIC MOTOR MOVEMENT) THROWING AND CATCHING BM1: Overhead Reverse Toss BM 2: Through It Back BM3: Bucket it up LOCAL AND TRADITIONAL GAMES OG 1: Anti pil	Material required -Ball of different sizes Medium Sized Balls Softball
2	YOGA YG 2: Yoga for daily life Astang yoga , Patanjalislok ,Woodcutter story YogSadhna TrikonaAsana, Shashank asana , Deep breathing and ushtraasana (BASIC MOTOR MOVEMENT) Kicking And Receiving BM4: Run and Catch LOCAL AND TRADITIONAL GAMES OG 2: MajhyaMamchaPatraHaravla, Tech Mala	Material required - Soft balls

3	Yoga Yoga for daily life NiyamaSantosha , activity Yogsadhna Vakrasana, Savasana , Ardachakrasana, Padhasthasana, Shashankasana, Ushtrasana, (BASIC MOTOR MOVEMENT) Kicking And Receiving BM 5 : Coordinate and Conquer BM 6 : MeetheAngoor BM 10: Flick In The box LOCAL AND TRADITIONAL GAMES OG 2: MajhyaMamchaPatraHaravla, Tech Mala Sapatla	Material required- Soft balls Balls of different size
4	Yoga Yoga for daily life Aaahaar,Vihaar, Aaachaar, Vichar ,Nidra YogSadhna Hand stretch practices, OM chanting, Setubandhasana, Uttanapadasana, Shavaasana (BASIC MOTOR MOVEMENT) Kicking And Receiving BM7 : Dribble and Pass BM 8: Drop it to Kick it BM 9 : Between the Door LOCAL AND TRADITIONAL GAMES OG 3:Indur	Material required- Medium size Balls Large size clothes Cones and large size Balls

5	Yoga Yoga for daily life Niyam Story, PatanjaliShloka, BhagwatGeetaShloka 6 and 17, Ashtaang Yoga YogSadhna Dhanurasana, Vakrasana, BhramariPranayaam, Kriya Practice (BASIC MOTOR MOVEMENT) SRIKE THE BALL BM 10 : Kick Through BM11 : Zig-zag Kicking BM12: Foot Baseball LOCAL AND TRADITIONAL GAMES OG 5: Rinky Pinky Ponk What colour you want OG 6: SundarrikkuabhusumanKuthal	Material required- Marking chowlk Football, Football and cones
6	YOGA YogSadhna Deep Breathing, Anulom Vilomhastmudra Dhanurasana ,uttanapadasana ,setuband asana ,ustrasna Kriya practice (BASIC MOTOR MOVEMENT) STRIKE THE SHUTTLECOCK BM13: Balloon Race BM 14: Bowling BM15: Tap the Ball LOCAL AND TRADITIONAL GAMES OG 7: GaiNdTora OG 8: ChhoChho	Material required- Ballons Cones and medium size Balls Ball and racket or small bat,

7	Yoga Yoga for daily life (BASIC MOTOR MOVEMENT) LITTLE STEPS BM 16: Sky Shuttlecock BM 17: Place The Shuttlecock LOCAL AND TRADITIONAL GAMES OG 9: PuchiKhela	Material required- Badminton Racket or hitting object , shuttlecock or ball hula hopes or bucket
8	YOGA Astang yoga (aaharvihar ,achaaravicharnidra) YogSadhna (krida Yoga) Camel Walk ,Toe walk ,Crab Walk Anguli ,Maniband ,Kaponi ,Bhuj band Shakti ,SavasanPadhastaasanSavasana (BASIC MOTOR MOVEMENT) LITTLE STEPS BM 18: Play it together LITTLE STEPS BM 19: Roll Around BM 20: Croos Together LOCAL AND TRADITIONAL GAMES OG 10: Silent Kabaddi OG11: DhopKhela	Material required- Badminton racket, shuttlecock Mats Hula Hopes Pieces of clothes And cones
9	Yogsadhna Deep Breathing, AnulomVilomhastmudra Dhanurasana ,uttanapadasana ,setuband asana ,ustrasna Kriya practice YG 15:ShabdaGrahi, Sundar –Uttam (BASIC MOTOR MOVEMENT) BM 21 : Movement Circuit LOCAL AND TRADITIONAL GAMES OG12: Anding Oka	Material required- Mats , Box

10	YOGA Yogsadhna (BASIC MOTOR MOVEMENT) LITTLE STEPS BM 22 :Push Circuit BM :23 Leg Circuit LOCAL AND TRADITIONAL GAMES OG12: Anding Oka	Material required- Cones , Box
11	Yoga for daily life (BASIC MOTOR MOVEMENT) LITTLE STEPS BM 24: Run into Hula Hoops BM 25 : Balancing On The Line LOCAL AND TRADITIONAL GAMES OG 13: TuraiKar	Material required- Hula Hoops Marking Powder

CLASS -VI		विषय- हिंदी
क्रम.	पाठ/टॉपिक का नाम	शिक्षण सहायक सामग्री/ ई-सामग्री/ नवीन शिक्षण विधियाँ जिन्हें अपनाया जाना है
1	मातृ भूमि	क) देशभक्ति पर आधारित स्वरचित कविता लिखना ख) मातृभूमि के महत्व पर संवाद लेखन https://diksha.gov.in/resources/play/collection/do_31409022664102707213394?contentType=TextBook https://docs.google.com/presentation/d/1-U3sLFymLkzyqZqVMjsyRkx43URlvM4z/edit#slide=id.p1
	गोल	1) अपने जीवन के लक्ष्यों को लिखकर उनके लिए योजना बनाना 2) प्रेरक व्यक्तित्वों के बारे में चर्चा करना https://diksha.gov.in/resources/play/collection/do_31409022664102707213394?contentType=TextBook https://docs.google.com/presentation/d/1-YT5JB4_SG-rlafokIRckTclFkC91n5B/edit#slide=id.p1
2	पहली बूंद	1) वर्षा पर आधारित स्वरचित कविता लिखना 2) जल संचय के महत्व के पर पोस्टर बनाना तथा चर्चा करना https://diksha.gov.in/resources/play/collection/do_31409022664102707213394?contentType=TextBook https://docs.google.com/presentation/d/1-aDTIWlhUzQaXW1Ix4ZtqU090PdTX2Ms/edit#slide=id.p1
3	हार की जीत	1) कहानी का मंचन करना 2) अपने जीवन की किसी चुनौती पर कहानी लिखना https://diksha.gov.in/play/collection/do_31409022664102707213394?contentId=do_3140937078174842881599 https://docs.google.com/presentation/d/1-eBFdH3zHqWK5eVZTHtKYai0kfHvKgG0/edit#slide=id.p1
	रहीम के दोहे	1) दोहों के भावों पर आधारित चित्र या पोस्टर बनाना 2) रहीम के जीवन पर आधारित दृश्य सामग्री का प्रदर्शन https://diksha.gov.in/play/collection/do_31409022664102707213394?contentId=do_3140937078174842881599 https://docs.google.com/presentation/d/1-x6sOpQS5zGZnSngNrCLjq2Zs29nwT8j/edit#slide=id.p1
4		माँ से संबंधित कोई कविता

	मेरी माँ (आत्मकथा) समास	- स्वतंत्रता सेनानियों के चित्र - एनसीईआरटी ऑडियो बुक- https://youtu.be/tsloOhsvFGs?si=wCs0hDsM77jewxYl
5	जलाते चलो (कविता) पर्यायवाची शब्द	- पंचांग का चार्ट - एनसीईआरटी ऑडियो बुक- https://youtu.be/m_itbXf9_rY?si=f_hXpflosOc5Mili
6	सत्रिया और बिबू नृत्य (निबंध) मैया मैं नहीं माखन खायो (पद)	- भारत तथा असम का मानचित्र - भारत के लोकनृत्यों का चार्ट - बिहु नृत्य का विडियो - एनसीईआरटी ऑडियो बुक- https://youtu.be/JQJUNVpoU4o?si=ksq35egK9YM8WJZi - पद का गायन कराना - एनसीईआरटी ऑडियो बुक- https://youtu.be/GxPLNnOvZ_s?si=MwSNVwajzEeupS Ug
7	परीक्षा (कहानी) प्रेमचंद	ऑडियो रिकॉर्डिंग (भावनात्मक वाचन के लिए उदाहरण-स्वरूप रिकॉर्डिंग का लिंक) एनसीईआरटी ऑडियो बुक- https://youtube.com/watch?v=j3lWjSBJ6ts&feature=shared दीवान साहब का चित्र या पोस्टर समाचार पत्र से खबरों के अंश (जिससे तुलना की जा सके) फ्लैश कार्ड (शब्दों के सही जोड़े बनाने के लिए) विज्ञापन तैयार करने के लिए कागज, चित्र, रंग इत्यादि सामग्री
	चेतक की वीरता (कविता) श्याम नारायण पाण्डेय हिंद महासागर में छोटा सा हिंदुस्तान (यात्रा वृत्तांत) रामधारी सिंह दिनकर	ऑडियो रिकॉर्डिंग (भावनात्मक वाचन के लिए उदाहरण-स्वरूप रिकॉर्डिंग का लिंक) एनसीईआरटी ऑडियो बुक- https://youtube.com/watch?v=ysHiveoQts4&feature=shared https://youtube.com/watch?v=c9VcV7E-Vrs&feature=shared भारत और विश्व का मानचित्र एवं ग्लोब चित्रात्मक सूचना या इंडोग्राफिक्स का प्रयोग
9	पेड़ की बात	ऑडियो रिकॉर्डिंग (भावनात्मक वाचन के लिए उदाहरण-स्वरूप

(निबंध) जगदीश चंद्र बसु	एनसीईआरटी ऑडियो बुक- https://youtube.com/watch?v=rZOVFsdSmQQ&feature=shared प्रवाह चार्ट (फ्लो चार्ट) फ्लैश कार्ड
-------------------------	--

Class-VI		Subject –English
Sl.No.	Name of the Chapter/ Topic	Teaching Aids/ E- Content/ innovative Practices to be adopted
1	<u>Unit 1:</u> <u>Fables and Folk Tales</u> A Bottle Of Dew The Raven And The Fox (6 periods) NOTICE WRITING GRAMMAR (Connecting words)	• Reading/Recitation • Storytelling • Listening activity • Role-play • Dialogue Writing • Tongue twisters • Art Integration (Origami) • Picture Based Story Narration • Rhyme scheme and poetic device (Alliteration) • Pronunciation Drill • Vocabulary drill (Antonyms, Homophones) <u>e-content:</u> Audio link https://diksha.gov.in/play/collection/do_314182944974405632118177?referrer=utm_source%3Dmobile%26utm_campaign%3Dshare_content Textbook link https://diksha.gov.in/play/collection/do_31408954646880256012919?referrer=utm_source%3Dmobile%26utm_campaign%3Dshare_content https://epathshala.nic.in/process.php?id=&type=eTextbooks&ln=en
2	Rama To The Rescue <u>Unit 2:</u> <u>Friendship</u> The Unlikely Best Friends	• Reading / Recitation • Listening Activity • Crossword puzzles • Role-play • Spell Bee • Vocabulary drill (Antonyms) • Spoken Activity (Conversation between two

	A Friend's Prayer MESSAGE WRITING GRAMMAR (Adverbs, Contracted forms, Present and Past Tense, Punctuation marks)	friends) Pronunciation Drill <u>e-content:</u> Audio link https://diksha.gov.in/play/collection/do_314182944974405632118177?referrer=utm_source%3Dmobile%26utm_campaign%3Dshare_content
3	The Chair	- Reading - Listening Activity - Spell Bee - Pronunciation Drill - Grammar (Root words & Suffix, Adjective - Noun pairing) (Experiential learning) Compose an Acrostic poem for your best friend <u>e-content:</u> Audio link https://diksha.gov.in/play/collection/do_314182944974405632118177?referrer=utm_source%3Dmobile%26utm_campaign%3Dshare_content <u>Textbook link</u> https://ncert.nic.in/textbook/pdf/fepr1ps.pdf https://epathshala.nic.in/process.php?id=&type=e-Textbooks&ln=en
	Unit-3 Nurturing Nature – Prose 7:Neem Baba Paragraph writing Compound words and Verb forms	Role Play /Group Discussion Poster/ Card Making, Flash Card, Fact Collection about Neem Tree Poetic device- personification
4	Poem 8: What A Bird Thought periods Creative writing- story writing periods Prose 9: Spices that Heal Us Speaking activity Creative writing	Difference between house/home Bird's habitat. Imagine being a bird express your feelings about it.(experiential learning) Exploring different species of birds and draw a picture. Handouts of different spice facts/samples. Making a list of common healing spices used in daily life. Interdisciplinary – Spice name in mother tongue/English Writing sentences about a spice they like/use at home.
5	Prose 9: Spices that Heal Us	Project work (brochure) on spices and then

	Modals Informal letter writing Riddles	presentation on it. Recipe making.
6	Unit 4: Sports and Wellness Prose Change of Heart Past Perfect Tense Jumbled words Diary Writing Bio- Sketch Poem 11: The Winner Words and expressions Riddles	Name different types of sports. Which is your favorite sport and why? Use of magic words (please, thank you, sorry...) Word power activity Creating comic strip of any sports/sportsperson Group activity – Each group will present how their sport promotes wellness. Extension: One week wellness plan including physical activity, healthy habits and relaxation. Find out about indigenous games in India. Mime/Role play of a small situation where someone succeeds by not giving up.
7	Prose 12: Yoga –A Way of Life Life skills (spoken activity) Paragraph writing Crossword puzzle Unit 5: Culture and Tradition Prose 13: Hamara Bharat- Incredible India!	History of Yoga Poster making of yoga asanas Meditation video clip International Yoga Day/Yoga in daily life. Making checklist of your yoga thoughts. Develop a flashcard/ pamphlet of states with their art forms/architecture/food Flowchart.
8	Speaking activity- (EBSB-paired state activity, Spell bee)	Madhubani painting Unity in Diversity
9	Poem 14: The Kites Paragraph writing Speaking activity	Name the parts of a kite. Find out different types of kite. Compose a cinquain poem using prompts. Write a paragraph on I am a Kite. Share a kite flying experience. Kite making activity
10	Prose 15: Ila Sachani: Embroidering Dreams with her Feet Vocabulary Nouns(countable/uncountable) Poem 16: National War Memorial	Showcasing images of different embroidery art. Character sketch of Ila Sachani Conducting interview with differently abled people. Antonyms/Synonyms Listening to audio/narration Making postcards for soldiers. Inspiring quotes on national pride. Visit website of National War memorial https://nationalwarmemorial.gov.in/

कक्षा – षष्ठी		विषय – संस्कृतम्
क्र.सं.	अध्याय / प्रसंग	शिक्षण सहायक सामग्री/ ई-सामग्री/ नवीन शिक्षण विधियाँ जिन्हें अपनाया जाना है
1	प्रथमः पाठः- वयं वर्णमालां पठामः ।	स्वर-व्यंजन अयोगवाहवर्णानां ज्ञानमागुणिताक्षराणां लेखनम्। वर्णवियोगः /संयोगः उच्चारणस्थानानि । सामान्यशब्दनिर्माणाभ्यासः । (चित्र-पीपीटी-श्रव्यसामग्र्याः यथावसरप्रयोगः कर्तुं शक्यते)। https://ncert.nic.in/textbook.php?fsde1=0-15
2.	द्वितीयः पाठः – एषः कः? एषा का? एतत् किम्?	एषः, एतौ, एते/एषा, एते, एताः/एतत्, एते, एतानि-सर्वनामप्रयोगः। चित्राधारितवाक्यलेखनम्, वाक्यनिर्माणम्, प्रश्ननिर्माणम्, लिङ्गज्ञानम् । (चित्र-पीपीटी-श्रव्यसामग्र्याः यथावसरप्रयोगः कर्तुं शक्यते) https://ncert.nic.in/textbook.php?fsde1=0-15
3.	तृतीयः पाठः – अहं च त्वं च	स्वपरिचयः प्रदानक्षमतायाः विकासः। अहम् आवाम् वयम्, त्वम् युवाम् यूयम् सर्वनामशब्दानाम् प्रयोगपरिचयः । चित्राधारितसरलवाक्यलेखनभ्यासः। (चित्र-पीपीटी-श्रव्यसामग्र्याः यथावसरप्रयोगः कर्तुं शक्यते) https://ncert.nic.in/textbook.php?fsde1=0-15
	चतुर्थः पाठः – अहं प्रातः उत्तिष्ठामि।	दिनचर्याकथनम्, स्वजीवने स्वस्थप्रददिनचर्यायाः विकासः, संख्यालेखनम्, समयज्ञानम्, शिष्टाचारः । (चित्र-पीपीटी-श्रव्यसामग्र्याः यथावसरप्रयोगः कर्तुं शक्यते)। https://ncert.nic.in/textbook.php?fsde1=0-15
4.	पञ्चमं पाठः – शूराः वयम् धीराः वयम् ।	सस्वरवाचनयोग्यतायाः विकासः। महापुरुषाणां विषये ज्ञानम् तेषाम् चित्रसंकलनम् । प्रथमाविभक्तेः प्रयोगः च। (चित्र-पीपीटी-श्रव्यसामग्र्याः यथावसरप्रयोगः कर्तुं शक्यते)। https://ncert.nic.in/textbook.php?fsde1=0-15
5.	षष्ठः पाठः- सः एव महान् चित्रकारः	पाठस्य वाचनम्, पुष्पाणां चित्रनामानि, संस्कृतसंभाषणम्, पठितावबोधनम्, समानार्थकपदानि https://ncert.nic.in/textbook.php?fsde1=0-15
6.	सप्तमः पाठः- अतिथिदेवो भव	पाठस्य वाचनम्, अव्ययप्रयोगः (अत्र, तत्र, कुत्र, अन्यत्र, सर्वत्र) वाक्यलेखनम् वाचनम् लट्लकारस्य प्रयोगः पर्यायपदानि संस्कृतसंभाषणम्, परियोजनाकार्यम्- विद्यालयपरिसरे किम् अस्ति किं च नास्ति इति लेखनम्

		https://ncert.nic.in/textbook.php?fsde1=0-15
7.	अष्टमः पाठः- बुद्धिः सर्वार्थसाधिका	पाठस्य वाचनम्, धातुरूपाणि, त्रिपुरुषप्रयोगः, कथापूर्तिः, परियोजनाकार्यम्- धातुरूपाणाम् संग्रहणम् https://ncert.nic.in/textbook.php?fsde1=0-15
8.	नवमः पाठः- यो जानाति सः पण्डितः	श्लोकानां पठनम्, प्रहेलिकानां ज्ञानम्, षष्ठीविभक्तेः रूपाणां स्मरणम् प्रयोगः च, संस्कृतसम्भाषणम् प्रहेलिकानां संग्रहणम्। https://ncert.nic.in/textbook.php?fsde1=0-15
9.	दशमः पाठः- त्वम् आपणं गच्छ	संवादरूपेण पाठवाचनम्, लोटलकारज्ञानम्, विभिन्नचिह्नानां संस्कृतपदज्ञानम्, “कुरु उपकारं, कुरु उद्धरम्” इति गीतमाध्यमेन लोटलकारप्रयोगज्ञानम्। https://ncert.nic.in/textbook.php?fsde1=0-15
10.	एकादशः पाठः- पृथिव्यां त्रीणि रत्नानि	श्लोकगायनम्/ पदच्छेदः/ अन्वयप्रयोगः/ वाक्यलेखनम्/ सुभाषितस्य सस्वर-वाचनम्/ वचन-परिवर्तनम्/ चित्रधारितवाक्यरचना/पीपीटी इत्यस्य प्रयोगः। https://ncert.nic.in/textbook.php?fsde1=0-15
11.	द्वादशः पाठः- आलस्यं हि मनुष्याणां शरीरस्थो महान्निपुः	गद्यस्य- आरोहवरोहपूर्वकं वाचनम् / अनुवाचनम्/ द्वितीयाविभक्तिप्रयोगः/सरलवाक्यलेखनम्/ सुभाषितस्य सस्वर- वाचनम्/ समाचारपत्रादीनाम् प्रयोगः/अभिप्रेरकम् चलचित्रम्। https://ncert.nic.in/textbook.php?fsde1=0-15
12.	त्रयोदशः पाठः- सङ्ख्यागणना ननुसरला	अभिनयात्मक-गायनं / संख्यानाम् उच्चारणं-लेखनम् च/दिशायाः- अवबोधनम्/ग्रहैः विषये योजनं/अंकानां देवनागरीलिप्यां लेखनम् ।
13.	चतुर्दशः पाठः- माधवस्य प्रियम्अङ्ग	गद्यस्य- आरोहवरोहपूर्वकं वाचनम् / अनुवाचनम्/ प्रत्यक्षविधिना अध्यापनम्/शरीरंगानां नाम्नाम् वाचनम् / क्रियापदैः सह अंगानां योजनम्/ वाक्यनिर्माणम्/चार्ट-पत्रस्य निर्माणम्/ पीपीटी इत्यस्य प्रयोगः।
14.	पञ्चदशः पाठः- वृक्षाः सत्पुरुषाः इव	श्लोकगायनम्/ पदच्छेदः/ अन्वयप्रयोगः/ वाक्यलेखनम्/ सुभाषितस्य सस्वर-वाचनम्/पर्यावरणस्य महत्त्वम् अवबोधनम्/ चित्रधारित-सूक्ति लेखनम्

Class- VI		Subject- SCIENCE
Sl. NO.	Name of the Chapter/Topic	Teaching Aids/ E-Content/Innovative practices to be adopted
1	1. The wonderful World of Science	https://ncert.nic.in/bridge_programme.php https://ncert.nic.in/textbook.php?fecu1=1-1 (NCERT text book) Prepare/Think questions related to phenomenon happening in surrounding and find the answers in scientific way (Observation, assumption, Analyse etc.)
2	2. Diversity in the Living World	https://ncert.nic.in/textbook.php?fecu1=2-2 (NCERT text book) Activities outside the classroom – Observe the leaf pattern and correlate with their type of roots and seeds.
3	3. Mindful eating: A Path to a Heathy Body	https://ncert.nic.in/textbook.php?fecu1=3-3 (NCERT text book) Prepare a Chart related to types of food traditionally consumed and the crops grown in various states of India. Balanced Diet chart of 11-12 years students Explore the Functions and Sources of various food Components and the diseases cause due to their deficiency. Activity- Test for presence of starch, Fats and Protein in food items.
4	4. Exploring Magnets 5. Measurement of Length and Motion	https://ncert.nic.in/textbook.php?fecu1=4-4 (NCERT text book) - Magnetic and Non -Magnetic materials. - A magnetic Compass - Bar Magnet Activity – Fun With Magnet (Make a Toy) https://ncert.nic.in/textbook.php?fecu1=5-5 (NCERT text book) - Activities related to different way of Measuring Lengths. - Measuring the length of a curved line. - Observe the motion of different objects in surrounding and categories it as Linear, Circular, Oscillatory etc.

5	6. Materials Around Us	https://ncert.nic.in/textbook.php?fecu1=6-6 (NCERT text book) Classification of objects on the basis of their Properties (appearance, Hardness, Solubility, Mass, Volume, allow passing light or not etc.) Art Integrated activity – make a Decorative Item by using Discarded materials.
6	7. Temperature and its Measurement	https://ncert.nic.in/textbook.php?fecu1=0-12 NCERT Textbook
7	8. A Journey through States of Water 9. Methods of Separation in Everyday Life	NCERT Textbook https://ncert.nic.in/textbook.php?fecu1=0-12 -Different states of water NCERT Textbook https://ncert.nic.in/textbook.php?fecu1=0-12
8	10 Living Creatures: Exploring their Characteristics 11. Nature's Treasures	NCERT Textbook https://ncert.nic.in/textbook.php?fecu1=0-12 NCERT Textbook https://ncert.nic.in/textbook.php?fecu1=0-12 -List the wastage of water in our daily life - Sun is ultimate source of energy - Renewable and non – renewable natural resources
9	12. Beyond Earth	1. NCERT Textbook https://ncert.nic.in/textbook.php?fecu1=0-12 - Solar system - The universe and its excitement

Class- VI		Subject- Social Science
Sl. No.	Chapter/Topic	Teaching Aids / E-Content / Innovative Practices
1	Introduction: Why Social Science? Ch.1: Locating Places on the Earth Ch.2: Oceans and Continents	• Text book, Diksha portal videos, ppt. Explain local time and standard time. Globe, World Map, Atlas. Activity: Latitude-Longitude Treasure Hunt. • Textbook, Diksha portal videos, PPT, globe, equator, longitude-latitude activity. • YouTube videos, PPT on continents & oceans. Activity: Continents and Oceans Puzzle. • Project on map ... Teacher try to prepare a local sketch map of your school or nearby locality with the help of symbols, direction and scale and show to the students and give the one activity to identify the symbols and get photograph for the camera and made one scrap book or project work. • Activity \Project... Ask students to prepare a clock of cardinal direction. Or use magnate Needle to prepare cardinal directions. • Teacher will give chessboard to students and explain the system of latitude and longitudes and grid. • Teachers can also take the activity from the text book or can think more ideas of projects from day to day life • Teacher give one activity to fill oceans and continents in the world outline map. • Teacher show the emblem of the Indian Navy, ask students where and how it used • Teacher ask students why there is five circle in the symbols of Olympic games • Teacher asked students to collect the pictures of disasters from magazines, newspapers and do some research work with new findings. • World map, globe, audio-visuals, group activity with Q&A method
2	Ch.3: Landforms and Life	• Models of landforms, Map Activities, Story-based learning. Activity: 3D Landform Models. • Teacher give project work to make mountain, plateau, and plain. Hills, etc. with • mud, cardboard etc. • Students try to collect the pictures, sketch, from different magazines, newspapers to show the wild life or human life or human activity from different landforms • Students make colourful paintings to show landscape, wild animals etc. • Teacher give project work to show the difference between mountain, plateau, and plain

		• Storytelling, map marking, class skits on ancient culture • Videos, poster making, role play on city government
5	Ch.8: Unity in Diversity Ch.9: Family and Community	• Textbook, Use audio-video clips, PPT, Map, Picture based activity. • Activity: Role-Playing Different Communities. • Picture-based group activity, audio-visual, India unity theme discussion • Textbook, Diksha videos, ppt. Group activity, Picture based activity. Create a story of a family somewhere in India, where we see more family values. • Textbook, Diksha videos ppt. Group activity, picture based activity. Create a story of a family somewhere in India, where we see more family values.
6	Ch.10: Grassroots Democracy – Part 1	• Role Play, Audio-Visual aids, Real-life Panchayat videos. • Interactive group activities, learning games, chart work • Activity: Mock Gram Sabha. • PPT, role-play, group activity on organs and levels of government
7	Ch.11: Local Government in Rural Areas Ch.12: Urban Local Government	• Field survey/project, Interview with local officials (if possible) • Diksha video, presentation, Display a video related to various levels of local self government in urban areas. • Activity: City Council Simulation
8	Ch.13: The Value of Work	• Case study method, • Activity: Job Shadowing • Discussion-based learning, map and chart work, real-life examples
9	Ch.14: Economic Activities Around Us	• Textbook , Diksha videos, ppt. sharing learning activities (using bloom taxonomy) • Visual charts on types of work • Textbook, Diksha videos PPTs
10	Project Work & Activities	Inter-theme project: "Geography & Culture of My State"

Sl. No.	Name Of Chapter	Teaching aids/E content/Innovative practices to be adopted
1	Patterns in Maths	1. NCERT TEXT BOOK (Chapter 1) https://ncert.nic.in/textbook/pdf/fegp101.pdf 2.Suggested Activities: Relations among Number Sequences(pg-6) ● Pattern that comes up when we start adding up odd numbers. ● Partitioning the dots in a square grid into odd no. of dots and hence finding the sum of first 10 odd numbers. ● Pictorial representation of Polygonal no. (Triangular, Square, hexagonal no.) using dots/ bindi ● Pascals Triangle. 3. TEACHING AIDS : Grid Paper, Geo Board.
2	Lines And Angles II	1.NCERT TEXT BOOK (Chapter 2) https://ncert.nic.in/textbook/pdf/fegp102.pdf 2.Suggested Activities: ● Make your own Protractor. (pg. 37,38) ● Make a paper craft using origami paper. Draw lines on the creases Name the angles formed and measure them. (Pg43) ● https://diksha.gov.in/resources/play/collection/do_31411913082845593613731?contentType=TextBook ● OLAB: https://www.olabs.edu.in/?sub=80&brch=57&sim=624&cnt=1551 3. TEACHING AIDS: Geometry box, Geo Board
3	Number Play	1.NCERT TEXT BOOK (Chapter 3) https://ncert.nic.in/textbook/pdf/fegp103.pdf 2.Suggested Activities: (I) Explore some more numbers like- Kaprekar's constant and Palindromic numbers. (II) Pascal's Triangle. 3. Teaching Aids: Grid Paper
4	Data Handling and Presentation	1.NCERT TEXTBOOK (Chapter 4) https://ncert.nic.in/textbook/pdf/fegp104.pdf 2.Suggested Activities: Collect, organize and analyse data. Represent the same data in Pictograph and Bar Graph. How is Bar graph better than Pictograph? 3. Teaching Aids: Graph sheet, Geo Gebra https://diksha.gov.in/resources/play/content/do_312795700752957440111590
5	Prime Time	1. NCERT TEXT BOOK (Chapter 5)

		https://ncert.nic.in/textbook/pdf/fegp105.pdf 2.Suggested Activities: ● To understand the factors of any number, an activity “Jump Jackpot” can be played inside the class. ● Write numbers from 1 to 100. First cross all the multiples of 2, 3 and 5 excluding them. The remaining numbers which were not crossed are prime. A Prime Puzzle Activity ● In a 3 x 3 grid, the numbers given in last column and bottom row are the product of prime numbers row-wise and column wise. 3. TEACHING AIDS : Grid Paper, Geometry box. https://diksha.gov.in/resources/play/collection/do_314183015100030976118676?contentType=Collection
7	Perimeter and Area	1.NCERT TEXT BOOK (Chapter 6) https://ncert.nic.in/textbook/pdf/fegp106.pdf 2.Suggested Activities: ● Make some random shapes by cutting the paper in different ways and paste them on your notebook. Measure the length of each side of the shapes and add them. You will get the perimeter of the shapes. ● Trace a leaf or your palm or any thing on a square grid (or graph paper). Count the completely covered squares, more than half squares and exact half square and then add them. You will get area of the particular shape. ● Find the area and perimeter of your classroom black-board or display board with the help of teacher. 3. TEACHING AIDS: Geometry box, Some plane papers. https://diksha.gov.in/resources/play/content/do_31274789045406105614558
8	Fractions	1.NCERT TEXT BOOK (Chapter 7) https://ncert.nic.in/textbook/pdf/fegp107.pdf 2.Suggested Activities: ● Give a regular paper to the students and ask them to fold it in one, two, three, four or more fold equally, then unfold each fold, then each fold represent a fraction. ● Adding fractions with the same fractional unit or denominator (a) Let us represent both the fractions, using the two rectangular strips, with the same fractional unit. (b) Colour the required part in first strip and also

		in second strip. (c) Now count the coloured part in both the strips, you will get the sum of both the fractions when denominator is same. 3. TEACHING AIDS : Geometry box, Some plane papers, Some articles like chocolates etc.
9	Playing With Constructions	1.NCERT TEXT BOOK (Chapter 8) https://ncert.nic.in/textbook/pdf/fegp108.pdf 2.Suggested Activities: - Trace the lid of your water bottle on your notebook, the shape you will get is a circle. - Keep the point of compass fixed at a point and moving only the pencil. Then you will get the circle. 3. TEACHING AIDS : Geometry box, Some plane papers, Geo Board. https://diksha.gov.in/resources/play/content/do_312795700752957440111590
10	Symmetry	1.NCERT TEXT BOOK (Chapter 9) https://ncert.nic.in/textbook/pdf/fegp109.pdf 2.Suggested Activities: Number of line of symmetry in a square - Take a square piece of paper and fold it equally with one horizontal fold and one vertical fold. - Now, fold this paper equally with two diagonals also. - Now, unfold the paper, you will get the line of symmetry in a square. Number of line of symmetry in a rectangle - Take a rectangular piece of paper and fold it equally with one horizontal fold and one vertical fold. - Now, unfold the paper, you will get the line of symmetry in a rectangle. Punching Game Take a square piece of paper and fold it in a symmetric line. Now, punch holes at different locations of a folded square sheet of paper using a punching machine and create different symmetric patterns. Rotational Symmetry Look at the ceiling fan in your classroom and think about the names of the three blades (Wings) as A, B and C. When the fan rotates about its centre (or axis), then each blade coincide with itself it's a rotational symmetry of order 3 as 3 blades are rotating with equal angles. 3. TEACHING AIDS : Geometry box, Some plane papers, graph papers. https://diksha.gov.in/resources/play/content/do_3128056

		1416862924815063
11	The Other Side of Zero	1. NCERT TEXT BOOK (Chapter 10) https://ncert.nic.in/textbook/pdf/fegp110.pdf 2.Suggested Activities: ● Snake and Ladders Game with two dice (a) Take a snake and ladder board. (b) Take two dice having numbers -1 to -6 and from +1 to +6. (c) Throw both the dice alternatively and move the steps accordingly. (d) You will be able to understand the concept of addition and subtraction of integers. ● Building of fun From NCERT text book – page no. 244 a) Suppose you are at welcome hall in building of fun, which is ground floor of building and marked with 0. b) There are different stores and shops above and below the welcome hall at different floors. c) As you have to move upward from welcome hall by lift you have to press (+ ve) numbers and when you moves downwards you have to press (- ve) numbers. d) Explore what numbers you have to press to reach different stores. 3. TEACHING AIDS : Geometry box, Black board, NCERT text book, graph paper https://diksha.gov.in/search/Library/2?id=NCF&se_board=CBSE&se_subjects=mathematics&primaryCategory=explanation%20content&se_mediums=english&se_gradeLevels=class%206&selectedTab=all

CLASS-VI		SUBJECT: ARTIFICIAL INTELLIGENCE 901 A
Sl. No.	Name Of Chapter	Teaching aids/E content/Innovative practices to be adopted
1.	Unit 1: What is AI - How does AI work? Session 1: Introduction to AI and Human Intelligence	Videos: "What is AI?" (YouTube) Discussion prompts Role play activities comparing human & AI behaviour Videos (e.g., Argo & Marie), class discussions, YouTube link on AI basics, real-life examples of automation and AI
2.	Session 2: Automation vs AI	Interactive worksheet to compare automation and AI Real-world examples (Washing machine vs Alexa) Hands-on comparison (washing machine vs Siri), T-charts, fill-in-the-blanks, group activities
3.	Session 3: Applications of AI in Everyday Life	Matching activities, Google Maps demo, Siri/Alexa simulation, personalized YouTube exploration
4-	AI in Music & AI Duet Activity	https://experiments.withgoogle.com/ai/ai-duet/view , virtual piano duet with AI, reflection worksheets
5.	AI in Art: Stylize Image Activity	https://reiinakano.com/arbitrary-image-stylization-tfjs/ , image manipulation tasks, AI art creation, discussions on creativity
6.	Unit Test Revision (Unit I)	Kahoot quizzes, crossword puzzles on AI, team-based competitions
7.	Unit 2: AI & Other Technologies - Domains of AI	Domain cards, classification games, match-the-following activities
8.	Session: Introduction to Computer Vision	Use of camera-based AI apps, image recognition demos, sorting objects/photos based on domain relevance
9.	Applications of Computer Vision	Facial recognition (photos), Snapchat filter exploration, Google Lens/search by image, discussion forums
10.	Innovative Projects: AutoDraw, AI Poster Making	https://www.autodraw.com/ , poster design for social causes using AI tools
11.	Consolidation & Final Review	Reflections, mind maps, concept charts, flashcard debates, integrated quiz

CLASS-VI		PHYSICAL EDUCATION AND WELL BEING
Sl. No.	Name Of Chapter	Teaching aids/E content/Innovative practices to be adopted
1.	Unit 1: Importance of Physical Education and Well-being	Traditional Games : Ice Water , seven stones Aerobic Exercises , Follow me and other games. Warm up , jogging drills , Stretching , Squart
2.	Session 2: drill and march	Fundamental drill and marching
3.	Unit 2 Motor Fitness	Physical fitness exercises like stretching Exercises ,Torso twist , squart , Quadriceps, floor touch Crouch leg stretch,Hip Stretch , Hamstring Stretch Obstacle race, Balancing Act ,Collaborate and conquer.
4-	Running and sprint	Sprinting short distance running 30 m ,50 & m 60 m with embassies on proper technique.
5.	Jumping and landing	Jumping focus on takeoff and landing techniques for distance and height jumps.
6.	Unit 3 Fundamental skills of Kho-Kho	Sitting ,Chasing ,Giving Kho ,Running on the Straight line ,Dodging , Zig-Zag running .
7.	Rules and skill games	Basic understanding of rules and skill of various popular games and sports
8.	Unit 4 Fundamental Skills of Hand ball	Passing ,Catching ,Dribbling ,Obstacle Dribbling ,Shoot the ball , Dodge ball ,Dribble and shoot , Pass and shoot , Shootout Tournament ,Goal Keeper's Defensive skills ,Blocking .
9.	Unit 5 Yoga	Yoga for Daily life: History of Yoga Preparing students for Yogic Practices : Rabbit Breathing ,Dog Breathing etc Practice of various asanas ,Surya namaskar etc
10.	Final Preparation of teams	Final grading and formulation of various games and sports team for under 14 teams

CLASS-VI		SUBJECT: VOCATIONAL EDUCATION
Sl. No.	Name Of Chapter	Teaching aids/E content/Innovative practices to be adopted
1.	Project1:School kitchen Garden ,Introduction, Visit to Agriculture farm /Nursery, Garden planning, Making Vermicompost	Discussion prompts Role play activities Videos (Vermicompost), class discussions, YouTube link Kitchen Garden basics, real-life examples.
2.	Preparing Kitchen Garden,	Interactive worksheet Real-world examples Hands-on practice , fill-in-the-blanks, group activities
3.	Sowing seeds and seedlings, Taking care of plants ,Observation of growing plants, Harvesting	Matching activities, YouTube exploration, Group activity
4-	Visit to Vegetable Market ,Setting Price ,Project 2-Animation and Games(Introduction),Game Design, Trying Out Online Games,	reflection worksheets, Group activity
5.	Own Game and Animation ,Build Character ,Objects and a Backdrop, Programming Characters and Objects	Image manipulation tasks, discussions on creativity, Group activity
6.	Creating animated Birthday card, Designing your game ,coding Of game, Trying and Sharing	Kahoot quizzes, crossword puzzles , team-based competitions
7.	Project3-Cooking without Fire (Introduction),Reading Recipes, Decision of Dishes, Measuring food ingredients,	Domain cards, match-the-following activities, Group activity
8.	Handling tools with care and safety, storing food,	Sorting objects/photos based on domain relevance, Group activity
9.	Handling and Disposing of Kitchen waste ,Beverage Making, Making of Dishes requires cutting and mixing	,Google Lens/search by image, discussion forums, Group activity
10.	Make dishes that require cutting and assembling ,Organize a Food Mela	poster design for social causes using AI,Group activity
11.	Consolidation & Final Review	Reflections, mind maps, concept charts, flashcard debates, integrated quiz

	http://epathshala.nic.in/QR/?id=0685CH01 http://epathshala.nic.in/QR/?id=0685CH02
--	--

CLASS- VI		SUBJECT: - ART EDUCATION
Sl. No.	Name Of Chapter	Teaching aids/E-content/Innovative practices to be adopted
1.	Chapter-1 Visual Art-Objects and Still Life DANCE-My Body in Motion Music-Music and your Emotions THEATRE-Emotions Unveiled	• Dance Assessment: Observation-based on movement test • Music Assessment: Group discussion • THEATRE Assessment: Observation and Group Discussion
2.	Chapter-2 Visual Art-Changing the Typical Picture DANCE-Breaking Barriers with Dance Music-Musical Instruments THEATRE- Let's Design	• Students will be taken for a walk in the school garden to gain a better understanding. • Students should be helped in making natural colors from nature. • Dance Assessment: Group Performance • Music Assessment: Field Trip • THEATRE Assessment: Peer Review and Class Display
3.	Chapter-3 Visual Art-Portraying People DANCE-Harmony in Motion Music-Taal or Talam and Raga or Ragam in Indian Music THEATRE- In the Company of Theatre	• Students observe people around them and sketch accordingly. • Dance Assessment: Peer Review and Expression Test • Music Assessment: Oral and Rhythm Test • THEATRE Assessment: Short Skit Performance
4-	Chapter-4 Visual Art-Paper Crafts DANCE-Dances of Our Land Music-Melodies of Diversity THEATRE- Stories of	• Use video demonstrations for Origami steps. • Dance Assessment: Viva + Presentation Rubric

	Shadows and Strings – Puppetry	• Music Assessment: Group Presentation • THEATRE Assessment: Short Skit Performance
5.	Chapter-5 Visual Art-Seals to Prints DANCE-Revision and Practice Music-Song writing THEATRE- The Grand Finale	• Students discuss impressions and patterns. • FIELD TRIP • Dance Assessment: Internal Dance Competition • Music Assessment: Rubric-based evaluation of songwriting • THEATRE Assessment: Stage Rehearsal Evaluation
6.	Visual Art-Revision, Art Assignment DANCE-Dance Showcase Music-Music and Society THEATRE- Integration of All Art Forms	• Some art competitions will be organized. • Revision of the work already done needs to be conducted. • Dance Assessment: Final Dress Rehearsal and Feedback • Music Assessment: Creative Expression and Peer Feedback • THEATRE Assessment: Interdisciplinary Art Presentation
7.	Art Portfolio Dance Portfolio Music Portfolio THEATRE Assessment	• Collection of the art portfolio for marking. • Dance -Collect photos, video clips, journals or written reflections. Final assessment of performance & participation • Music -Collect and evaluate music journal, recordings, or worksheets. Final Evaluation based on overall performance • THEATRE-Review portfolios: scripts, props, feedback sheets. Final Evaluation and Report Compilation

Class – VII		Subject – ENGLISH
Sl. No.	Name of the Chapter/ Topic to be covered	Teaching Aids/ E- Content/ innovative Practices to be adopted
1	<u>UNIT 1</u> Learning Together 1. The Day the River Spoke GRAMMAR 1. Preposition WRITING Message Descriptive Paragraph – Person	Reading/Recitation Storytelling Listening activity Role-play Dialogue Writing Poster Making Picture Based Story Narration crosswords Pronunciation Drill Vocabulary drill (Antonyms, Homophones)
2	UNIT 1 2.Try Again GRAMMAR PHRASES WRITING STORY WRITING	Recitation Listening Activity sensory words Rhyme scheme and poetic device <u>Spell Bee</u> Vocabulary drill
3	UNIT 1 3. Three Days to See GRAMMAR VERBS MODALS WRITING Letter Writing Dialogue Writing	Reading Listening Activity Pronunciation Drill Art Integration (Craft and Origami) Role Play Poetic Devices Rhyming words Cross Words Listening Pronunciation Drill vocabulary drill picture Based Story Narration

	UNIT 2 WIT AND HUMOUR Animals, Birds and Dr. Dolittle A Funny Man GRAMMAR Tense WRITING Notice Story	Reading/Recitation pronunciation Drill Vocabulary Drill Cue Cards Role-play Suffixes
4	UNIT 2 Say The Right Thing UNIT 3 DREAMS AND DISCOVERIES My Brother's Great Invention GRAMMAR Phrasal Verbs Voice Idioms WRITING Descriptive Paragraphs (Describing People)	Reading Role-play Pronunciation Drill Vocabulary Drill Reading Pronunciation Drill Listening Vocabulary Drill Literary Device (Onomatopoeia)
5	UNIT 3 Paper Boats North, South, East, West GRAMMAR Subject-Verb Agreement WRITING Diary Entry Application	Recitation Rhyme Scheme Poetic Devices Antonyms Art Integration (craft using eco-friendly materials)
6	UNIT 4 TRAVEL AND ADVENTURE The Tunnel GRAMMAR Punctuation Marks Modals (would and used to) WRITING Descriptive Paragraphs (Places	Reading Pronunciation Drill Vocabulary Drill Listening https://artsandculture.google.com/story/a-history-of-indian-railways-national-rail-museum/cAVh7RwiKiTtKg?hl=en

7	UNIT 4 Travel Conquering The Summit GRAMMAR Articles Adjectives Adverbs WRITING Letter (Formal)	Recitation Rhyming words Rhyme scheme Poetic Devices Word Web Speaking Vocabulary Drill Information Booklet Travelogue
8	UNIT 5 BRAVEHEARTS A Homage to Our Brave Soldiers (Part 1)	Reading Vocabulary Drill Pronunciation Drill
9	UNIT 5 A Homage to Our Brave Soldiers (Part 2) My Dear Soldiers GRAMMAR Clause WRITING Picture Description Letter (Informal)	Reading Spell Bee Vocabulary Drill Pronunciation Drill Prefix Acrostic Poem Art Integration (designing a badge) Collocation Recitation
10	Rani Abbakka GRAMMAR Reported Speech Determiners WRITING Dialogue Writing Paragraph Writing	Reading Vocabulary Drill Pronunciation Drill Comic Strip

कक्षा – सातवीं		विषय – हिन्दी
क्रमांक	पाठ/टॉपिक का नाम	शिक्षण सहायक सामग्री/ ई-सामग्री/ नवीन शिक्षण विधियाँ जिन्हें अपनाया जाना है
1	ब्रिज कोर्स	- वर्णमाला एवं मात्राएँ https://diksha.gov.in/play/content/do_31313263932320972811144 - वर्तनी https://youtu.be/kYEGqJJifws?si=gdDmXKknk6bINx_xE - पर्यायवाची एवं विलोम शब्द https://drive.google.com/file/d/1YUnOtfq4a8pAZo_gIFJcD2q1IP1dxIxU/view?usp=drivesdk - मुहावरे एवं लोकोक्तियाँ - संज्ञा एवं उसके भेद - सर्वनाम एवं उसके भेद - विशेषण एवं उसके भेद - क्रिया एवं उसके भेद - विराम चिन्ह - उपसर्ग एवं प्रत्यय - पत्र लेखन - अपठित काव्यांश एवं गद्यांश - अनुच्छेद लेखन
	1. माँ, कह एक कहानी	क) माँ पर स्वरचित कविता लिखना। ख) माता तथा पुत्र के बीच संवाद लेखन।
2		

		विडियो • माँ, कह एक कहानी https://www.youtube.com/watch?v=nQUltEEDx4s&ab_channel=NCERTOFFICIAL • हंस किसका https://www.youtube.com/watch?v=O6Jnj49jMGc&ab_channel=NCERTOFFICIAL मैथिलीशरण गुप्त द्वारा एक कविता का पाठ https://www.youtube.com/watch?v=sIWb9ZasRNY&t=126s&ab_channel=PrasarBharatiArchive
3	2. तीन बुद्धिमान	1) लोककथा को सुनाना । 2) प्रेरक व्यक्तित्वों के बारे में चर्चा करना । विडियो लिंक - • सुनो लोककथा https://www.youtube.com/watch?v=JEti31XNpmA • दुनिया की छत https://www.youtube.com/watch?v=PehlQ71udFg • भूल चूक लेनी देनी https://www.youtube.com/watch?v=GjYW-CZIDeA
	3. फूल और काँटा	1) इस कविता के बारे में एक चित्र बनाइए । 2) फूल और काँटे के बीच हो रही बातचीत को संवाद के रूप में लिखिए ।

		• रंग-बिरंगे फूलों से https://www.youtube.com/watch?v=rIXpoQy4sHc • फूलों की घाटी में --- कविता https://www.youtube.com/watch?v=yyrbxCtbgWg
4	4. पानी रे पानी	1) पानी से संबंधित गीत या कविता का संकलन 2) जलचक्र के चित्र का विवरण प्रस्तुत कीजिए
5	5. नहीं होना बीमार	1) 'नहीं होना बीमार' विषय पर अभिनय प्रस्तुत करना 2) अस्पताल के वातावरण का विस्तार से वर्णन
6	6. गिरिधर कविराय की कुंडलिया (कविता)	बिना विचारे https://www.youtube.com/watch?v=9zEP4YEP-rs
7	7. वर्षा-बहार (कविता)	• वर्षा ऋतु https://www.youtube.com/watch?v=T6VAVOcUbYU • आंधी पानी https://www.youtube.com/watch?v=v6D-QBeN2u8 • वसंत https://www.youtube.com/watch?v=_P5z-V81Yc0 • ऋतुएँ https://www.youtube.com/watch?v=iYVXaE2HHa8

8	8. बिरजू महाराज से साक्षात्कार	• भारतीय शास्त्रीय संगीत में नृत्य संगत https://www.youtube.com/watch?v=W1ZXCUgi848 • कथक परिचय भाग 7 https://www.youtube.com/watch?v=Dprj69iAM24 • पंडित बिरजू महाराज https://www.youtube.com/watch?v=0r3M8D2eAGg&list=PLqtVCj5iilH6BnMc4hIRzVyJ_wtPgky9B
9	9. चिड़िया (कविता)	• वह चिड़िया जो https://youtu.be/T93aUA1jHkl?feature=shared
10	10. मीरा के पद	• मीरा https://www.youtube.com/watch?v=KWKtPM8c-PA&ab_channel=NCERTOFFICIAL • मीरा के भजन https://www.youtube.com/watch?v=86Z-AA2vBQM&ab_channel=NCERTOFFICIAL • मीराबाई https://www.youtube.com/watch?v=O2GsmVi37sA&ab_channel=NCERTOFFICIAL • मीरा के भजन https://www.youtube.com/watch?v=EhhOcNJXJel&ab_channel=PrasarBharatiArchives • मीरा फिल्म 1945 एक भाग https://www.youtube.com/watch?v=O05QUwv2u7Q&ab_channel=PrasarBharatiArchives • मेरे तो गिरधर गोपाल https://www.youtube.com/watch?v=P8q9-cJK0dg&ab_channel=NCERTOFFICIAL

कक्षा - सातवीं		विषय - संस्कृत
क्रमांक	पाठ	क्रियाकलाप
1	प्राथमपाठ:- वंदे भारतम :	भारत में विद्यमान नदियों, पर्वतों और तीर्थक्षेत्र के नाम संस्कृत में लिखो
2	द्वितीय:पाठ :- नित्यम पिबामसुभाषितरसम :	परिश्रम इस विषय पर 10 श्लोकों को लिखो
	तृतीय पाठ:- मित्राय नम	10 योगासन के चित्र बनाकर उनके लाभ के विषय में लिखो ।
3	चतुर्थ:पाठ :- न लभ्यते चेत् आम्लं द्राक्षाफलम्	मनोनुकूल परिणाम न मिलना इस विषय पर 5 वाक्यों को संस्कृत में लिखो
	पंचम: पाठ:- सेवा ही परमो धर्मः	पाठ में आये हुए 5 अकारांत शब्दों के शब्दरूप लिखो

4	षष्ठःपाठः :- क्रीडामवयमः : :श्लोकः अंत्याक्षरी	कक्षा में संस्कृत शब्दों की अंत्याक्षरी
	सप्तमपाठः ईशावास्यम् : इदम् सर्वम्	कक्षा के सभी छात्र मिलकर 'भक्त प्रह्लाद ' इस नाटक का मंचन करें
5	अष्टमपाठः हितम् मनोहारि : -च दुर्लभम् वच	पाठ में दी गई सूक्तियां याद कर कक्षा में सुनाओ
	नवमपाठः अन्नाद भवति : भूतानि	प्राचीन भारत के राज्यों का नाम और उनका आधुनिक नाम लिखो
6	दशमः पाठः दशमः कः ?	पाठ में आए हुए किन्हीं 5 क्रियापद का धातुरूप लटलकार में लिखो
7	एकादसः :पाठः:द्विपेष रम्यः : :द्विपः अंडमान	पाठ में आए हुए किन्हीं 5 क्रियापद का धातुरूप लटलकार में लिखो
8	द्वादशपाठः वीरांगना : पन्नाधाय	भारत की कुछ प्रमुख वीरांगनाओं का चित्र एकत्रित कर उनके पराक्रम के पर एक लघु लेख संस्कृत भाषा में लिखो
9	अतिरिक्तम् अध्ययनम् वर्णमात्रापरिचयः शब्दरूपम् - धातुरूपम्	शब्द रूप और धातु रूप को याद करो

CLASS- VII		SUBJECT-MATHEMATICS
Sl. No.	Name Of Chapter	Teaching aids/E content/Innovative practices to be adopted
1	Ch-1: Large Numbers Around Us	1. NCERT TEXTBOOK (Chapter 1) 2. Suggested Activities: - Populations of Cities (Pg-12 of Ganita Prakash) - Estimation of given numbers to the nearest place value (100 or 1000) - To write the D.O.B of the student using matchsticks 3. TEACHING AIDS: Charts showing relation between Indian system of numeration and international system of numeration. Abacus
2	Ch-2: Arithmetic Expressions	1.NCERT TEXT BOOK (Chapter 2) 2.Suggested Activities: - Expression as the sum of its terms (pg-29 of Ganita Prakash) - Figure it out (pg. 42 and 43): Q1. (a), (b) and (c) - Puzzle Time (pg-49 of Ganita Prakash) - Using four 4's (or three 3's), students create expressions to reach numbers from 1 to 20. Teaching Aids: Colored beads, Grid Paper
3	Ch-3: A Peek Beyond the Point	1.NCERT TEXTBOOK (Chapter 3) 2.Suggested Activities: - There is Zero dilemma (pg-70 ,71 and 72) - Closest Decimals (pg- 73) - Represent decimal no. using grid (10 X10) and on a number line - Convert measurements (cm ↔ mm, g ↔ kg, paise ↔ rupees) through mini-assignments (e.g., measuring coins, comparing weights). Teaching Aids: Instruments: Rulers, Vernier Calipers, Screw Guage
4	Ch-4: Expressions using Letter-	NCERT TEXTBOOK (Chapter 4) 2.Suggested Activities:

	Numbers	• Figure it out (pg- 84 and 85): Q no 3 and 7 • Mind the mistake and mend the mistake (pg - 87) • Students pick any 2×2 square from a calendar and verify the diagonal sums are equal. Extend the idea and prove it algebraically. 3. TEACHING AIDS: Matchstick Patterns, Grid Paper
5	Ch-5: Parallel and Intersecting Lines	1.NCERT TEXT BOOK (Chapter 5) 2.Suggested Activities: • Show parallel and perpendicular lines by folding paper. • Drawing parallel lines using set squares. • Drawing figures of parallel illusions (pg -125 of Ganita Prakash) • Find and list examples of parallel lines in your classroom, home, or surroundings (e.g., edges of doors, window grills). 3. TEACHING AIDS: Grid paper, Geo Board, GeoGebra
6	Ch-6: Number Play	1.NCERT TEXT BOOK (Chapter 6) 2.Suggested Activities: • Challenge students to create their own 3×3 magic squares using 1–9 or other consecutive numbers. • Explore sums of different combinations (e.g., sum of 2 odd and 3 even numbers) and predict the parity. • Fibonacci Sequences Using beats (claps and stamps), create rhythmic patterns matching the sequence 1, 2, 3, 5, 8... 3. TEACHING AIDS: Grid Paper, Geo board, GeoGebra
7	Ch-7: A Tale of Three Intersecting Lines	1.NCERT TEXT BOOK (Chapter 7) 2.Suggested Activities: • Cut out triangle shapes from paper, tear the three corners, and place them together to see that they form a straight line (180°). • Draw triangles, measure interior angles and exterior angles, and verify the exterior angle property (Exterior = Sum of two opposite interiors). 3. TEACHING AIDS: Geometry Box, GeoGebra
8	Ch-8: Working	1.NCERT TEXT BOOK (Chapter 8)

	with Fractions	2.Suggested Activities: - Using grid paper, color fractional parts to visually understand multiplication (e.g., $\frac{1}{2} \times \frac{1}{3}$). Then calculating areas - Mix ingredients using fractional amounts (e.g., $\frac{1}{3}$ cup milk, $\frac{1}{4}$ cup chocolate syrup) and multiply to make batches for multiple people. TEACHING AIDS: Grid Paper, GeoGebra
9	Ch-8: Working with Fractions continued	1. NCERT TEXT BOOK (Chapter 8) 2.Suggested Activities: Students can create a short skit where they play Brahmagupta or Bhaskara explaining fractions to a classroom 3. TEACHING AIDS: Grid Paper, GeoGebra

Class – VII		Subject – SCIENCE
Sl. No.	Chapter/Topic	Teaching Aids / E-Content / Innovative Practices
1	Bridge Course + Introduction to Scientific Thinking	Observation tasks, Curiosity Questions (Activity 1.1), NCERT Textbook Activity – 1 - Differentiate among the changes such as Folding of Paper, Tearing of Paper and Burning of Paper https://amrita.olabs.edu.in/?sub=96&brch=46&sim=478&cnt=1 Activity – 2 – To burn a candle in a glass full of water https://amrita.olabs.edu.in/?sub=96&brch=46&sim=484&cnt=1
2	Chapter 1: The Ever-Evolving World of Science	Simple scientific observations, Paper Plane Activity (Link flight to science) Activity – 1 – To compare the water absorption capacity of fibres https://amrita.olabs.edu.in/?sub=96&brch=46&sim=611&cnt=1 Activity – 2 – Cleaning of muddy water https://amrita.olabs.edu.in/?sub=96&brch=46&sim=293&cnt=1
3	Chapter 2: Exploring Substances: Acidic, Basic, and Neutral	Test turmeric/litmus paper at home, Natural Indicators Activity Activity – 1 – Neutralisation https://amrita.olabs.edu.in/?sub=96&brch=46&sim=291&cnt=1
4	Chapter 3: Electricity: Circuits and their Components	Simple Circuit Assembly (battery, wire, bulb), Circuit Games NCERT e-content https://diksha.gov.in/
5	Chapter 4: The World of Metals and Non-Metals Chapter 5: Changes Around Us	Malleability/Ductility testing, Reversible and Irreversible Changes Demo Activity – 1- Air expands on heating https://amrita.olabs.edu.in/?sub=96&brch=46&sim=302&cnt=1
6	Chapter 6: Adolescence: A Stage of Growth and Change Chapter 7: Heat Transfer in Nature	Body Changes Tracking, Conduction/Convection/Radiation Demonstrations Activity – 1 Measure the Temperature of Water when it is Heated, Boiling and Cooling https://amrita.olabs.edu.in/?sub=96&brch=46&sim=480&cnt=1 Activity – 2 – To distinguish between good and poor conductor of Heat https://amrita.olabs.edu.in/?sub=96&brch=46&sim=535&cnt=1
7	Chapter 8: Measurement of Time and Motion	Water Clock do it yourself (DIY) (Activity 8.1), Sundial Working Video Activity – 1 – Speed of hopping on one leg https://amrita.olabs.edu.in/?sub=96&brch=46&sim=486&cnt=1

	Chapter 9: Life Processes in animals	Food Digestion experiment (Starch Test), Observe pet feeding YouTube: Human Digestive System Demo Activity – 1 https://amrita.olabs.edu.in/?sub=96&brch=46&sim=419&cnt=1
8	Chapter 10: Life Processes in Plants	Photosynthesis Demonstration, Starch Test in Leaves Diksha Portal Activity – 1 - https://amrita.olabs.edu.in/?sub=96&brch=46&sim=292&cnt=1 Activity – 2 – Stomata in Leaves https://amrita.olabs.edu.in/?sub=96&brch=46&sim=421&cnt=1 Measurement Projects, Science Fun Day
9	Chapter 11: Light: Shadows and Reflections	Source of Light, Does light travel in straight line, Light through Transparnt, opaque and Translucent objects. Activity – 1 Where does light come from
10	Chapter 12 : Earth, Moon and Sun	Relationship between earth, moon and sun. Rotation of earth. Activity – 2 Quick Revision Sessions, Mock Tests, Sample Papers

CLASS : VII		SUB : SOCIAL SCIENCE.
Sl. No.	Chapter/Topic	Teaching Aids / E-Content / Innovative Practices
1	Bridge Course Introduction: Theme A Ch.1: Geographical diversity of India	• Text book, Diksha portal videos, ppt. • Virtual tour of different physiographic division of India.i.e Himalayas, Great Indian Desert,Deccan Plateau. • Activity: collect information about Great Himalayan National Park of Himachal Pradesh. • YouTube videos, PPT on Formation of Himalaya. • Field Survey – plan a visit of students to any near by natural landscape. • Clay modelling on highest peaks of India.
2	Ch.4: New Beginnings: Cities and States	• Teacher give the project to collect the picture, coins, currency of different kings, kingdoms, countries, to show the timeline of History. • Involvement of Grandparents – listen story of Mahabharat and take a look of Hastinapur,Kuru,Panchal and gandhar.
3	Ch.9: From the rulers to the ruled: Types of Governments	• Collect the pictures, inscriptions, folklore, poems, plays, historical texts, stories, historical chronicles, paintings, sculptures, manuscripts, archaeological, foreign accounts, literature, pottery, toys or any one items by which we can show history of Mahajanpadas. • Textbook, use audio video clips. Question answer method, group activity, map work etc. • Field survey/project, Interview with Government Representative (if possible) • Role Play on various forms of government.
4	Ch.11: From Barter to Money	• Case study method, • Class room activity -Exchange of goods. • Activity: collection of different currency . • Discussion-based learning, new model of transaction, real-life examples
	Ch.2: Understanding the Weather	• Inter disciplinary Activities – Find out the words related to weather phenomena such as rain,chill etc. used in your local language. • Record Keeping – make a chart to record 10 days temprature of your city. • Students can visit Geography lab to see weather equipments. • Teacher can give project work on Functions of Indian Meteorological Department. • Textbooks, Diksha videos, PP

5	Ch.5: The Rise of Empires Ch.6: The Age of Reorganisation	• Archaeology-based virtual tour, videos, map of ancient Empire. • Toy making- model of archaeological source of the period. • Group presentations on cultural heritage, Posters, Documentaries • Project on Chanakya/Kautilya. • Textbook, Diksha app, PPTs, Videos. Ancient India inquiry activities. • Discussion-based learning, map and chart work, real-life examples • Storytelling, map marking, class skits on ancient culture. • Textbook, Use audio-video clips, PPT, Map, Picture based activity. • Activity: Role-Play of different Rulers. • Picture-based group activity, audio-visual to show development of art and architecture of post Mauryan.
6	Ch.3: Climates of India Ch.7: The Gupta Era: An Age of tireless Creativity	• Text book, Diksha portal videos, ppt. collection of different flora and fauna found in your area. • Virtual tour of different climatic zone of India. • Textbook, use audio -video clips. Question answer method. Activity: Changing trends of Weather and Climate in past 10 years. • Project on sudden glacier burst in uttrakhand in 2013. • National symbol from Ashok's Empire • Find out more about "Ashvamedha Yajna" from Ramayana. • Textbook, Diksha videos, ppt. Group activity, Picture based activity to show Gupta as Golden period of History. • Inter disciplinary Activities – Contribution of Aryabhata and Kalidasa in their fields. • Genealogy of Gupta rulers.
7	Ch.8 How the land becomes Sacred	• Role Play, Audio-Visual aids, to show sacred places. • Interactive group activities, learning games, chart work. • Community participation- visit to local sacred places and talk to local people about their significance. • Discussion-based learning, map and significance of tirthyatra real-life examples
8	Ch.10: The Constitution of India -An Introduction	• Diksha video, ppt, Display a video related to various types of government. • Activity: Mock Parliament and first constituent assembly . •
9	Ch.12: Understanding	• Textbook , Diksha videos, ppt. sharing learning activities (using bloom taxonomy)

	Markets	• Visual charts on types of work • Class room Market. • Textbook, Diksha videos PPTs •
10	Project Work & Activities	Inter-theme project: "Art Integrated Project" Mock test papers, Q&A sessions

<u>CLASS- VII</u>		<u>SUBJECT: ARTIFICIAL INTELLIGENCE 901</u>
		<u>B</u>
Sl. No.	Name Of Chapter	Teaching aids/E content/Innovative practices to be adopted
1.	AI Domains Overview & NLP Introduction	Word scramble, introspection activities, domain sorting, NLP examples
2.	Applications of NLP & Grammar Checker	Writer.com grammar tool, Say What You See (Google NLP experiment)
3.	Statistical Data – Concept & Analysis	Group discussion, Q&A, real-life examples (weather, prices, etc.)
4-	Statistical Data Applications & Birthday Chart	Excel chart creation, class survey, graph interpretation
5.	Ethics in AI (NLP & Statistical Data)	Case studies, discussion of bias/errors, infographic creation
6.	Sustainability & SDGs	SDG video, sandwich analogy, SDG wheel game
7.	Global Goals Quiz	Globalgoals.org quiz, SDG match games
8.	Systems Thinking & System Maps	Borneo case, Loopy tool system map design
9.	Using AI as Leverage (Coral Bleaching Activity)	NASA ClimateKids, system map modeling, roleplay
10.	Climate Impact Filter + SDG Data Projects	Google experiment, WorldStat or Statista data viz, Excel chart analysis
11.	Final Review + Project Showcase	Mind maps, poster-making, concept revision quizzes

CLASS-VII		SUBJECT: VOCATIONAL EDUCATION
Sl. No.	Name Of Chapter	Teaching aids/E content/Innovative practices to be adopted
1.	Project 1-Plant Nursery(Introduction, Visit to Nursery, Planning and laying out, Preparing Land and setting up shade net,	Class discussions, YouTube exploration , real-life examples, Group activity
2.	Germinating seeds, Raising plants in the nursery,	Interactive worksheet Real-world examples Hands-on practice , fill-in-the-blanks, group activities
3.	Watching plants grow Calculating the cost,Project2-AI Assistant (Introduction)	Group discussion, Q&A,
4-	Human vs Machine, AI can see, listen and speak, Is AI creative?	Excel chart creation, class survey, graph interpretation Group activity,
5.	Preparing to design own AI Assistant, Teaching the machine to recognise images, Training for recognition	discussion of bias/errors, infographic creation, Group activity
6.	Testing and improving, Making the AI Assistant interactive and sharing it, Sharing with others	Kahoot quizzes, crossword puzzles , team-based competitions
7.	Project3:Family Health book(Introduction), Factors Affecting Health, Framing questions related to your and your family's health, Visit to a hospital/Primary Health Centre (PHC)/ Community Health Centre (CHC)	Excel chart creation, class survey, graph interpretation, Group activity
8.	Creating a first-aid kit, Factors affecting health at different ages, Analysing data from the survey of family members	Group discussion, Q&A

9.	Making a plan to improve your and family's health, Preventing action related to environmental	Sorting objects/photos based on domain relevance, Group activity
10.	Final Review + Project Showcase	Mind maps, poster-making, concept revision quizzes

<u>CLASS-VII</u>		SUBJECT : PHYSICAL EDUCATION AND WELL BEING
Sl. No.	Name Of Chapter	Teaching aids/E content/Innovative practices to be adopted
1.	UNIT 1: Foundational Basis of Physical Education and Well-being	Traditional games like The Ball The Ball Progression Game . Ghorpadiche Shepoot , Nalugu Rallu Ata etc and other local games. Practice of Basic fitness exercises.
2.	Unit 2 : Physical and Motor Fitness Physical fitness	Physical fitness further development of general fitness and strength.
3-	Fitness Exercises	Jogging , running ,stretching ,balancing etc.
4.	Unit 3: Fundamental Skills of Sports Badminton Games and rules	Basic skills and strategies in the badminton.
5.	Game planning	Introduction to basic skills and strategies of games like badminton.
6.	Unit 4 : Fundamental Skills of Sports Football	Basic skills and strategies used in the football.
7.	Game planning	Practice sessions of football
8.	Unit 5 : Fundamental Skills of Sports Kabaddi	Introduction of various skills used in kabaddi and its practice.
9.	Unit 6 : Yoga	All about Yoga and practice of various Yoga asanas.
10.	Evolution of games and sports	Final grading for class 7 on the basis of physical fitness test of a test.

CLASS – VII		SUBJECT: ART EDUCATION
Sl. No.	Name of Chapter	Teaching aids/E-content/Innovative practices
1	- Visual Art – Objects in Icons and Symbols - Dance – Dance and Sculpture - Music – Making Music - Theatre – Understanding Emotions	- Use ancient Indian sculpture images; QR code videos for visual art and theatre. - Emotional circle time, Navarasa chart. - Explore local dance sculptures. - Body rhythm exercises for music.
2	- Visual Art – Nature’s Palette - Dance – Dance Vocabulary and Techniques - Music – Music, Emotions and Creativity - Theatre – Say More without Speech (Mime)	- Outdoor observation of leaves/flowers. - Practice basic dance steps and hastas. - Mime expression activities. - Video clips on mime and movement.
3	- Visual Art – How You Feel - Dance – Dance, You and Creativity - Music – Ragas and Talas/Taal - Theatre – Let’s Design (Backstage work)	- Explore mood through colours - Choreograph short expressive pieces. - Identify taals and ragas. - Design simple set/costume plan.
4	- Visual Art – Textiles and Traditions - Dance – Personalities - Music – The Music of the People - Theatre – Story of India’s Storytelling Tradition	- Use local fabrics, embroidery visuals. - Role play of dance/music personalities. - Explore folk instruments. - QR codes for storytelling forms.
5	- Visual Art – The Art of Calligraphy - Dance – Natya - Music – Performance - Theatre – Integration of All Art Forms	- Create calligraphy art using brush pens. - Integrate movement + story + music. - Full class musical performance. - Sculpture-based group presentation.
6	- All subjects – Revision + Integration - Prepare portfolios - Host interdisciplinary art showcase	- Conduct peer-feedback sessions. - Invite parents for a performance/showcase. - Organize school-wide mini festival.
7	Portfolios and Final Review	- Collect and review portfolios for all subjects. - Reflective assessments.

CLASS – IX		Subject- HINDI
S.No .	Name of the Chapter/ Topic to be covered	Teaching Aids/ E- Content/ Innovative Practices to be adopted
1	1. दो बैलों की कथा [मुंशी प्रेमचंद] 2. साखियाँ एवं सबद [कबीर] 3. अपठित गद्यांश	1. बैलों की तस्वीर, डॉक्यूमेंट्री फिल्म, प्रेमचंद की कहानियों और उनके सामाजिक संदेश पर उपलब्ध सामग्री, एकता में बल विषय पर चर्चा। 2. कबीर के जीवन से संबंधित चित्र, कबीर के भजनों, दोहों पर आधारित वीडियो, कबीर के संदेशों पर चर्चा। भक्तिकाल एवं अन्य संत कवियों का परिचय 3. के.वि. संगठन द्वारा प्रेषित गत वर्षों की अध्ययन सामग्रियों के आधार पर अभ्यास कार्य।
2	1. उपसर्ग – प्रत्यय	1. के.वि. संगठन द्वारा प्रेषित गत वर्षों की अध्ययन सामग्रियों के आधार पर अभ्यास कार्य।
3	1. ल्हासा की ओर [राहुल संकृत्यायन] 2. अपठित पद्यांश	3. तिब्बत की सामग्री से संबंधित चित्र, वीडियो, डॉक्यूमेंट्री फिल्म, ऐतिहासिक और सांस्कृतिक संदर्भ पर सामग्री, छात्रों द्वारा की गई किसी यात्रा का वर्णन। एन सी आर टी द्वारा प्रस्तुत 1. अभ्यास – लेखन
4	1- वाख [ललद्यद] 2- उपभोक्तावाद की संस्कृति [श्यामाचरण दूबे] 3- इस जल प्रलय में [फणीश्वरनाथ रेणु] 4- अनुच्छेद लेखन	1- कश्मीरी संस्कृति से संबंधित जानकारी, ललद्यद की जीवनी, उनके वाख, संत परंपरा, सूफी दर्शन, वाख के संदर्भ में डिजिटल सामग्री। 2- उपभोक्ता जागरूकता और भौतिकवाद पर आधारित वीडियो, अधिनियम और जागरूकता पर सामग्री, कंजूमर फोरम सम्बन्धी जानकारी। 3- बाढ़ के विभिन्न दृश्यों का चित्र व वीडियो। मनुष्य व पशुओं के भावात्मक संबंध से संबंधित कहानियाँ वर्तमान समय में घटित जल संबंधी आपदाओं से रूबरू कराना। https://youtu.be/KsI-i4IH18A [एन सी आर टी द्वारा प्रस्तुत] 4- विभिन्न अनुच्छेद -लेखन अभ्यास।

5	1- सवैये [रसखान] 2- साँवले सपनों की याद [जाबिर हुसैन] 3- मेरे संग की औरतें [मृदुला गर्ग] 4- समास [व्याकरण]	1- चार्ट, काव्यात्मक स्लाइड्स, सवैये और हिन्दी काव्य छंद पर उपलब्ध डिजिटल सामग्री, वीडियो, कृष्ण भक्ति काव्य धारा के कवियों की जानकारी। https://youtu.be/QUPOK3W1378 [एन सीआर टी द्वारा प्रस्तुत] 2- सपनों व प्रेरणा से संबंधित चित्र, सपनों और उनके महत्व पर आधारित प्रेरणादायक वीडियो , सफल व्यक्तियों की कहानियाँ और उनके सपनों की प्रेरक यात्रा, छात्रों के जीवन के सुनहरे पलों पर चर्चा । 3 मृदुला गर्ग के प्रयासों से संबंधित चित्र व वीडियो , आजादी के आंदोलन में महिलाओं के योगदान से संबंधित वीडियो, जीवन में माँ, बहन के योगदान पर चर्चा एवं वाद-विवाद । https://youtu.be/9JdUhtx-Zy8 4 के.वि. संगठन द्वारा प्रेषित गत वर्षों की अध्ययन सामग्रियों के आधार पर अभ्यास कार्य ।
6	1- कैदी और कोकिला [माखन लाल चतुर्वेदी] 2- प्रेमचंद के फटे जूते [हरि शंकर परसाई] 3- अर्थ के आधार पर वाक्य भेद [व्याकरण] 4- पत्र – लेखन	1- कैदी और कोकिला – स्वतंत्रता से जुड़े चित्र , स्वतंत्रता पर आधारित वीडियो, छायावादी कविता पर सामग्री, आज़ादी के महत्व पर चर्चा एवं वाद-विवाद । https://diksha.gov.in/play/collection/do_3131034751771443201972 2- प्रेमचंद के जीवन व साहित्य से संबंधित चित्र , प्रेमचंद पर आधारित डॉक्यूमेंट्री और वीडियो प्रेमचंद की कहानियाँ, दिखावे की प्रवृत्ति पर वाद-विवाद। https://youtu.be/tstiPeX4CH0 [एन सी आर टी द्वारा प्रस्तुत] 3- के.वि. संगठन द्वारा प्रेषित गत वर्षों की अध्ययन सामग्रियों के आधार पर व्याकरण एवं पत्र लेखन का अभ्यास ।

7	1- ग्राम श्री [सुमित्रानंदन पंत] 2- अलंकार [अनुप्रास , यमक, श्लेष]	1- जीवन व प्रकृति से जुड़े चित्र, ग्रामीण जीवन पर आधारित वीडियो, ग्रामीण परिवेश के बारे में जानकारी। https://youtu.be/TbtLwSJBf8g [एन सी आर टी द्वारा प्रस्तुत] 2- गत वर्षों के अध्ययन सामग्रियों के आधार पर अलंकार संबंधी प्रश्नों का अभ्यास ।
8	1- मेरे बचपन के दिन [महादेवी वर्मा] 2- रीढ़ की हड्डी [जगदीशचंद माथुर] 3- लघुकथा लेखन	1- ग्रामीण जीवन के चित्र, वीडियो, ग्रामीण परिवेश पर आधारित वीडियो व डॉक्यूमेंट्री , बच्चों के अनुभव पर आधारित डिजिटल सामग्री । Live Interaction on PMeVIDYA : मेरे बचपन के दिन - महादेवी वर्मा by डॉ. वंदना शर्मा [एन सी आर टी द्वारा प्रस्तुत] 2- स्त्री शिक्षा के प्रयासों के लिए किए गए प्रयासों के योगदान का वीडियो, चित्र , वर्तमान समय में स्त्रियों के योगदान को बताने वाले वीडियो, कहानियाँ। https://youtu.be/6T6Tnn3Eg1w [एन सी आर टी द्वारा प्रस्तुत] 3- लघुकथा लेखन अभ्यास ।
9	1- मेघ आए [सर्वेश्वर दयाल सक्सेना] 2- ई-मेल लेखन ,संवाद लेखन	1- मानसून व प्रकृति से जुड़े चित्र व वीडियो, कविताओं के ऑडियो, मानसून के प्रभाव पर अन्य डिजिटल सामग्री एवं वाद-विवाद। https://www.youtube.com/watch?v=PGKwc9QU0EU [एन सी आर टी द्वारा प्रस्तुत] 2- ई-मेल लेखन अभ्यास । 3- संवाद लेखन अभ्यास ।
10	1- बच्चे काम पर जा रहे हैं [राजेश जोशी] 2- सूचना लेखन	1- बालश्रम से संबंधित वीडियो, वृत्तचित्र, चित्र यूनिसेफ, एनजीओ, सरकारी बेबसाइटों से बालश्रम और बच्चों के अधिकारों पर जानकारी 2- https://www.youtube.com/watch?v=HbX4W-VDeQY 3- https://diksha.gov.in/play/collection/do_3131034751771443201972 [एन सी आर टी द्वारा प्रस्तुत] 4- सूचना लेखन अभ्यास ।

Class IX	Subject: English language & Literature
Name of the chapter/topic	Teaching Aids/E-content/Innovative Practices to be adopted
BEEHIVE Prose-The Fun They Had Poem-The Road not Taken MOMENTS The Lost Child GRAMMAR -Tenses WORDS & EXPRESSIONS - UNIT - 01 WRITING TASK - Diary Entry READING Discursive Passage	http://epathshala.nic.in/QR/?id=0959CH01 http://epathshala.nic.in/QR/?id=0959CH01 http://epathshala.nic.in/QR/?id=0960CH01 Debate- 1.Human Teacher Vs Robotic Teacher 2.Present Day Schooling System Vs Futuristic Schools • Diksha Portal • NCERT Website https://youtu.be/_KqxohO_5X0?si=SPXcLwe5bKPJKCvI • Mind Maps (Reading practice during summer vacation) Holiday Home works for Summer Vacation https://learnenglishteens.britishcouncil.org/skills/reading/reading-practice-during-summer-vacation
BEEHIVE- Poem -Wind Prose - The Sound of Music a. Bismillah Khan b. Evelyn Glennie WRITING TASK - Descriptive Paragraph (Bio sketch) WORDS & EXPRESSIONS - UNIT -02	http://epathshala.nic.in/QR/?id=0959CH02 Ø Bio sketch of differently abled people/famous musicians Ø Diksha Portal Ø NCERT Website Ø Mind Maps
BEEHIVE Prose - The Little Girl Poem - Rain on The Roof Prose - A Truly Beautiful Mind MOMENTS The Adventures of Toto	http://epathshala.nic.in/QR/?id=0959CH03 http://epathshala.nic.in/QR/?id=0959CH03 http://epathshala.nic.in/QR/?id=0959CH04 http://epathshala.nic.in/QR/?id=0960CH02
GRAMMAR -MODALS WORDS & EXPRESSIONS - UNIT - 03 READING Case Based Passage	➤ Creative Writing ➤ Diksha Portal ➤ NCERT Website ➤ Mind Maps

BEEHIVE Poem- The Lake Isle of Innisfree Prose- The Snake and the Mirror MOMENTS Iswaran, the Storyteller GRAMMAR-Subject-Verb Agreement (Concord) WORDS & EXPRESSIONS- UNIT - 04 Listening and Speaking Activities WRITING TASK- Descriptive Paragraph 2 (Place)	- http://epathshala.nic.in/QR/?id=0959CH04 http://epathshala.nic.in/QR/?id=0959CH05 http://epathshala.nic.in/QR/?id=0960CH03 ➤ Describe a beautiful place that you have visited. ➤ Diksha Portal ➤ NCERT Website ➤ Mind Maps
BEEHIVE Poem- A Legend of The Northland MOMENTS In the Kingdom of Fools Activity: Dramatization of the chapter GRAMMAR-Reported Speech WRITING- Story Writing WORDS & EXPRESSIONS- UNIT - 05	http://epathshala.nic.in/QR/?id=0959CH05 Ø Comic strip based on ‘A Legend of The Northland’ http://epathshala.nic.in/QR/?id=0960CH04 - https://nationalcentreforwriting.org.uk/writing-hub/how-to-write-a-short-story-2/ https://youtu.be/8p2JMSboHxo?si=yOP3u_RmTfXS_Au4a Ø Diksha Portal Ø NCERT Website Ø Mind Maps
BEEHIVE Prose- My Childhood Poem- No Men are Foreign MOMENTS The Happy Prince WORDS & EXPRESSIONS- UNIT -06	http://epathshala.nic.in/QR/?id=0959CH06 http://epathshala.nic.in/QR/?id=0959CH06 http://epathshala.nic.in/QR/?id=0960CH05 Ø Diksha Portal Ø NCERT Website Ø Mind Maps

BEEHIVE Prose- Reach for the Top Poem – On Killing a Tree Prose- Kathmandu GRAMMAR-Determiners, Gap Filling WORDS & EXPRESSIONS- UNIT -08 WRITING TASK: Descriptive Paragraph- Paragraph 3 (Event)	http://epathshala.nic.in/QR/?id=0959CH08 http://epathshala.nic.in/QR/?id=0959CH08 http://epathshala.nic.in/QR/?id=0959CH10 - Ø Preparing a brochure on any famous tourist destination - Ø A seminar on the topic, 'Afforestation is the Need of the Hour' https://youtu.be/22IgKW3kdvw?si=2u6B_DIC5-a2h5qW Ø Diksha Portal Ø NCERT Website Ø Mind Maps
BEEHIVE Prose- If I were You MOMENTS The Last Leaf GRAMMAR-Editing, Transformation of Sentences. WORDS & EXPRESSIONS- UNIT -10	https://epathshala.nic.in/watch.php?id=3584 http://epathshala.nic.in/QR/?id=0959CH11 http://epathshala.nic.in/QR/?id=0960CH07 Ø Diksha Portal Ø NCERT Website Ø Mind Maps
BEEHIVE Poem- A Slumber Did My Spirit Seal MOMENTS A House is not a Home. The Beggar GRAMMAR - Integrated Grammar Practice WORDS & EXPRESSIONS- UNIT -11 Listening and Speaking Activities	http://epathshala.nic.in/QR/?id=0959CH10 http://epathshala.nic.in/QR/?id=0960CH08 http://epathshala.nic.in/QR/?id=0960CH10 Ø Diary Entry-Imagine you have joined a new school. Write a diary on your experience on first day of joining the school. Ø Diksha Portal Ø NCERT Website Ø Mind Maps
GRAMMAR Integrated Grammar Practice Revision	Ø Diksha Portal Ø NCERT Website Ø Mind Maps

Class- IX		Subject- Mathematics
Sl.No.	Name of Chapter/Topic to be covered	Teaching Aids/ E- Content/ innovative Practices to be adopted
	1. NUMBER SYSTEM	https://diksha.gov.in/play/content/do_31265071542564454411492 Activity: Square roots of natural number on number line, to construct spiral square roots https://www.cbsetuts.com/ncert-class-9-maths-lab-manual-construct-square-root-spiral/
	2. POLYNOMIALS	
2	3. LINEAR EQUATIONS IN TWO VARIABLES	Activity: To draw graph of linear equation on plane
	4. COORDINATE GEOMETRY	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
3	5. INTRODUCTION TO EUCLID'S GEOMETRY	https://diksha.gov.in/play/content/do_31274765443053158413808 Explanation of difference between Euclidean and non Euclidean geometry in the nature of parallel lines https://diksha.gov.in/resources/play/content/do_31279372409040076817915
	6. LINES AND ANGLES	Activity : To verify when two lines intersect then vertically opposite angles are equal Explanation of angles and pair of angles using real life examples
4	7. TRIANGLES	Activity : Congruence of triangles by making cut outs of triangles

		Triangles are more solid shapes of world and their use in construction https://diksha.gov.in/resources/play/content/do_31279372414673715218626
5	8. QUADRILATERALS	https://diksha.gov.in/play/content/do_31298100661175910416 Activity :Diagonal divides a parallelogram into two congruent triangles
	9. 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 https://diksha.gov.in/play/content/do_31331802895138816011687
	10. HERON'S FORMULA	https://diksha.gov.in/play/content/do_312526065155661824132963 Use of Heron's formula(for eg. Forest area)
7	11. SURFACE AREA AND VOLUMES	Activity : To find formula for curved surface area of right circular cylinder.
8	12. STATISTICS	https://diksha.gov.in/play/content/do_31263368161628979221820
		Activity : To draw histogram of heights of students of your class. Project: To draw bar graph of household expenditure of your family of a month / yearly

CLASS- IX		SUBJECT – SCIENCE (086)
Sl. N0.	Name of the Chapter/ Topic	Teaching Aids/ E Content/ Innovative Practices to be adopted
1	Matter in our surroundings	*PRACTICAL EXPERIMENT To determine the Melting point of ice and the boiling point of water https://www.youtube.com/watch?v=38QZEsB2xJM&ab_channel=amritacreate https://www.youtube.com/watch?v=nZXoe0fgJ8Q&ab_channel=amritacreate *Suggestive Activity: To study evaporation and its factors https://amrita.olabs.edu.in/?sub=73&brch=2&sim=425&cnt=1 *Simulation: To understand that gases are readily compressible, and liquids are not. https://amrita.olabs.edu.in/?sub=73&brch=2&sim=438&cnt=4
2	Motion	*Suggestive Activity To draw the Position Time, Velocity time Graphs for bodies at rest, in uniform motion and uniformly accelerated motion Simulation: https://www.olabs.edu.in/?sub=1&brch=1&sim=368&cnt=4 Illustrate the difference between distance and displacement.
3	The Fundamental Unit of Life	*PRACTICAL EXPERIMENT 1.To prepare stained temporary mounts of (a) Onion peel and (b) Human cheek cells and to record observations and draw their labelled diagrams. https://www.youtube.com/watch?v=wMgXsrpVrJg&ab_channel=amritacreate *Suggestive Activity: Drawing the labelled diagrams of Plant cell & Animal cell and differentiate between them.
	Is Matter around Us Pure	*TEACHING AID:

		Third law of motion https://www.youtube.com/watch?v=EF6Cd8_OBRk
5	Tissues Gravitation	*PRACTICAL EXPERIMENT 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 labelled diagrams. https://www.olabs.edu.in/?sub=79&brch=15&sim=131&cnt=426 Simulation: https://www.olabs.edu.in/?sub=79&brch=15&sim=131&cnt=4 *Suggestive activities Activity on Meristematic tissues. Making a model of neuron ART INTEGRATED CLAY MODELLING Identification of various tissues in plants from prepared (permanent) slides and to construct their clay models *Suggestive activity To Show that all objects, big or small, heavy or light, all fall at the same rate (using (Eraser, Chalk, Pebble...)) *PRACTICAL EXPERIMENTS 1.Determination of the density of solid (denser than water) by using a spring balance and a measuring cylinder https://www.youtube.com/watch?v=md-Qk_g9NEo&ab_channel=amritacreate Simulation: https://www.olabs.edu.in/?sub=1&brch=1&sim=2&cnt=4
6	Gravitation Atoms and Molecules	*PRACTICAL EXPERIMENTS 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 https://www.youtube.com/watch?v=eIb4VQGoyvI&ab_channel=amritacreate *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 *PRACTICAL EXPERIMENT Verification of the law of conservation of mass in a chemical reaction https://www.youtube.com/watch?v=casNoSzuma4&ab_channel=amritacreate Simulation https://www.olabs.edu.in/?sub=73&brch=2&sim=118&cnt=4 * Teaching Aid – Molecular Model

		Set Links to Video lesson: https://www.youtube.com/watch?v=Ae4kytMo_tM
7	Work and Energy Structure of Atom	*Experiment based activity To explore whether Potential and Kinetic energies are inter convertible. Teaching aid Large size Yo-YO Simulation: Alpha particle scattering experiment https://cdac.olabs.edu.in/?sub=75&brch=12&sim=88&cnt=187 Links to Video lessons: https://www.youtube.com/watch?v=Ej7ETVGBZ34&ab_cha
8	Structure of Atom(cont) Sound	ART INTEGRATED ACTIVITY Make static atomic models displaying the electronic configuration of the first eighteen elements. *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 *Teaching Aids Tuning fork, Rubber pad, Hammer, Slinky; Simulation: Laws of Reflection of Sound https://www.olabs.edu.in/?sub=1&brch=1&sim=1&cnt=4 Links to Video lessons: https://www.youtube.com/watch?v=pOOQsWUDaDI (Sound and its Production) https://www.youtube.com/watch?v=_OQtRIHN37Y (Bell jar experiment)
9	Improvement in Food Resources	*Suggestive activity Prepare a herbarium of food yielding plants. ART INTEGRATED ACTIVITY To represent various states in terms of farming practices & major crops grown there. Links to Video lessons: https://www.youtube.com/watch?v=JoWF5a1vUqk https://www.youtube.com/watch?v=MUuyBK8bD1I https://www.youtube.com/watch?v=Bcpaomn86Nc

CLASS- IX		Subject-Social Science (087)
S.N.	Name Of the Chapter/Topic	Teaching Aids/E-Content/Innovative Practices to be Adopted
1	(H1) THE FRENCH REVOLUTION (G1) INDIA SIZE AND LOCATION/MA P WORK	French Revolution Suggestive Activities https://kvno2jaipur.wordpress.com/class-9/ Timeline charts of major events (17898 - 1799) Map activity-Identifying/locating France and other European Countries Quiz/Worksheet-MCQ Map of France before and After revolution PPT with causes, events and effects Debate-Topic-French Revolution created a society based on Equality in France. Prepare a list of books which triggered French Revolution India: Size and Location Flashcards with location related terms PowerPoint Slides with animated visuals 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.
2	(DP1) WHAT IS DEMOCRACY? WHY DEMOCRACY?	What is democracy? Why democracy? Suggestive Activities https://youtu.be/exPjrYI9yg0?si=jMhE-MDbd0070cGU Shorts video clips showing democratic vs non-democracy systems Flashcards with terms like “Universal Adult Franchise”, “Military Rule”. Etc. 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. Mock election Gallery Walk
3	(H2) SOCIALISM IN EUROPE AND RUSSIAN REVOLUTION/ MAP WORK	Socialism in Europe and the Russian Revolution Suggested Activities Flowcharts showing ideologies: Liberalism, Socialism, Communism Map activity-Identify/Locate the European countries mentioned in the lesson Concept mapping of the causes of the Russian Revolution Map showing Europe and USSR pre and post revolution Quiz/Worksheet-MCQ Prepare a short Essay on the Topic-The global impact of the Russian Revolution.
	(E1) THE STORY OF VILLAGE PALAMPUR	PPT: Gr. 9. Eco.Ch. 1 .The Story of Village Palampur.pptx - Google Drive https://diksha.gov.in/play/content/do_31290675346932531213170 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.
	(G2) PHYSICAL FEATURES OF INDIA (CONT..IN JULY)	Physical Features of India Suggested Activities From DIKSHA APP Videos showing the formation of landforms Charts paper cut-outs of different physical features Map Activity-Identify and label the Physical Features of India Quiz/Worksheet-MCQ Prepare a Video Album of any one of the Physical features of India
4	(G2) PHYSICAL FEATURES OF INDIA	Physical Features of India Suggested Activities Map Activity-Identify and label the Physical Features of India Quiz/Worksheet-MCQ Prepare a Video Album of any one of the Physical features of India
	(DP2) CONSTITUTIONAL DESIGN	Constitutional Design Suggested Activities https://youtu.be/nfS0BbWVKG0?si=aqaojA2VqO_Ls1Lu DIKSHA APP Group Discussion on the Salient Features of Indian Constitution Youth Parliament Picture Album of the glimpses of the Constituent Assembly Prepare a chart of the Preamble of the Indian Constitution Video clips of India Freedom struggle and Constituent Assembly debate
	(G3) DRAINAGE AND MAP WORK	Drainage Suggested Activities Flowcharts of river system and tributaries DIY river models using sand and water flow Map activity-Identify/Locate the major Rivers of India Prepare a table furnishing the features of different rivers Write down the story of a river Prepare an article on Ganga Action Plan.
	(E2) PEOPLE AS RESOURCE	People as Resource Suggested Activities From DIKSHA APP Survey/ Data collection/Case study of educated unemployment Flow chart on type of unemployment. List down the various Employment Generation Programs of India. Debate-Topic-Population, an asset or liability?
	(DP3) ELECTORAL POLITICS	Electoral Politics Suggested Activities From DIKSHA APP Role Play-The entire Election process may be dramatized Voter ID and EVM (mock models) Sample ballot papers and voting booths Public speaking-Topic- Election is the political barometer of democracy. List down the functions of Election Commission in India Analyze a cartoon given in the lesson and write your

		interpretation/Design a cartoon and invite opinions
5	(H3) NAZISM AND THE RISE HITLER AND MAP WORK	Nazism and the rise of Hitler PPT: Chapter 3 Nazism and the Rise of Hitler.pptx - Google Drive Suggested Activities Timeline of events from Treaty of Versailles to WWII Charts comparing democracy vs dictatorship Map Activity-Identify/Locate the European countries mentioned in the lesson Write a poem/collect poems related to the life and death of Concentration camp victims
	(E3) POVERTY AS A CHALLENGE	Poverty as challenge Suggested Activities Concept Mapping on the causes of poverty. Case study/Survey on the calorie intake of a selected group and data interpretation List down the various Poverty Alleviation Programs of India
6	(G4) CLIMATE AND MAP WORK	Demonstration of instruments of elements of weather. Skit on cycle of seasons and their influence on the life of people Climate graph charts (temperature/rainfall) Animated clips showing monsoon mechanism
	(H4) FOREST, SOCIETY AND COLONIALISM AND MAP WORK	Forest society and colonialism Suggested Activities Flowchart of Forest laws and their effects Images/Videos of tribal life and forest dwellers Prepare table of the states of India and their forest areas Quiz/Worksheet-MCQ Prepare an Essay on the topic Colonial rule and deforestation in India.
7	(DP4) WORKING OF INSTITUTION	Working of the Institutions Suggested Activities Video clips of Parliament proceedings Newspaper cutting of recent laws passed or judicial rulings List down any 10 political institutions in India. Concept Mapping of the powers of the President of India Quiz/Worksheet MCQ Role play
	(E4) FOOD SECURITY IN INDIA	Food security in India Suggested Activities https://kvd1library.wordpress.com/portfolio/study-material-class-ix/ Prepare a list of social groups who are food insecure Flow chart on different dimensions of food security Group Discussion –Ensuring food security is the prime task of governments Board Project on Disaster Management project
8	(G5) NATURAL VEGETATION AND WILD LIFE AND MAP WORK	Natural vegetation and wildlife Suggested Activities Audio clips of birds calls or forest sounds Map of types of vegetation and wildlife Map Activity-Identify/Locate the Natural Vegetable types of India Quiz/Worksheet-MCQ Video Album of the flora and fauna of different forests Concept mapping of the features of different Natural Vegetation types

	(H5) PASTORALISTS IN THE MODERN WORLD AND MAP WORK	Pastoralists in the modern world Chapter 5 Pastoralists in the Modern India.pptx - Google Drive Suggested Activities Picture card of pastoral communities in India and Africa Documentary clips showing seasonal movements and challenges Write a short note on the life of the pastoralists Role play-on the life of the pastoralists Quiz/Worksheet-MCQ
9	(G6) POPULATION	Population Chapter 6 Population.pptx - Google Drive Suggested Activities https://kvno2jaipur.wordpress.com/class-9/ . Census data charts Graph showing population growth trends Infographics and pie charts Quiz/Worksheet-MCQ Flow chart on different factors of population change Group Discussion-When India becomes largest populous country.
10	(DP5) DEMOCRATIC RIGHTS	Democratic Rights Suggested Activities Role play on protection of Democratic Rights Prepare an Essay on the topic- Democratic Rights Prepare a chart on Fundamental Rights Short film on news clips on violation/protection of rights https://kvno2jaipur.wordpress.com/class-9/ . Students can watch the “SAMVIDHAN” episode of Sansad T.V.on: https://www.youtube.com/watch?v=0U9KDQnIsNk .

कक्षा – नवमी		विषय -संस्कृत (119)
क्र.सं	पाठस्य नाम/ शीर्षकस्य नाम	शिक्षण सामग्री
1	प्रथमः पाठः- अविवेकः परमापदां पदम् अपठितावबोधनम् उच्चारणस्थानानि, स्वरसंधिः शब्दरूपाणि अकारान्तपुल्लिङ्गशब्दाः- बालकवत्	सहायकपुस्तकानियथा- लघुसिद्धान्तकौमुदी, अभ्यासपुस्तिका
2	संवादपूरणम् पत्रलेखनम् प्रत्ययः क्त्वा शब्दरूपाणि इकारान्तपुल्लिङ्गशब्दाः – कविवत्	मणिका द्वितीयो भागः मणिका द्वितीयः भागः - अभ्यासपुस्तिका
3	द्वितीयः पाठः – पाथेयम् तृतीयः पाठः- विजयतां स्वदेशः • चित्राधारितवर्णनम् कारक-उपपदविभक्तिः- द्वितीया परस्मैपदीधातुरूपाणि -भू, नम्, गम्, अस् (पञ्चलकारेषु) शब्दरूपाणि इकारान्तपुल्लिङ्गशब्दाः – कविवत्	मणिका द्वितीयो भागः मणिका द्वितीयः भागः - अभ्यासपुस्तिका
4	चतुर्थः पाठः विद्यया भान्ति सगुणाः व्यञ्जनसंधिः -जशत्वसंधिः, स्थाने अनुस्वारः च, स्थानबोधकानि अव्ययानि अत्र, तत्र, अन्यत्र, सर्वत्र, यत्र, एकत्र, उभयत्र परस्मैपदी धातुरूपाणि प्रच्छ, कृ. ज्ञा, क्षाल्, नी (पञ्चलकारेषु) उकारान्तपुल्लिङ्गशब्दाः साधुवत् कारक-उपपदविभक्तिः- तृतीया	मणिका द्वितीयो भागः मणिका द्वितीयः भागः - अभ्यासपुस्तिका
5	पञ्चमः पाठः – कर्मणा याति संसिद्धिम् षष्ठः पाठः – तत् त्वम् असि संख्याशब्दाः (1-100-1-4 पर्यन्तं त्रिषुलिङ्गेषु केवलप्रथमाविभक्तौ) हलन्तशब्द- भवत् प्रत्ययः ल्यप्, तुमुन्	मणिका द्वितीयो भागः मणिका द्वितीयः भागः - अभ्यासपुस्तिका
6	• सप्तमः पाठः तरवे नमोऽस्तु • अष्टमः पाठः – न धर्मवृद्धेषु वयः समीक्ष्यते शब्दरूपाणि आकारान्त-ईकारान्तस्त्रीलिङ्गशब्दाः-	

	लतावत्, नदीवत् प्रत्ययः शतृ	
7	नवमः पाठः कवयामि वयामि यामि कर्तृक्रिया चयनम् • कारक-उपपदविभक्तिः- चतुर्थी, कालबोधकानि अव्ययानि- यदा, तदा, सर्वदा, एकदा, पुरा, अधुना, अय, श्धः, ह्यः प्रत्ययः	मणिका द्वितीयो भागः मणिका द्वितीयः भागः - अभ्यासपुस्तिका
8	दशमः पाठः भारतीयं विज्ञानम् (केवलम् आंतरिकमूल्याङ्कनाय) विसर्गसंधिः - उत्त्वम्, शत्वम्, षत्वम्, सत्वम् च आत्मनेपदिनः धातुरूपाणि सेव्, लभ्, रुच् (लट्- लृट् लकारयोः) • अकारान्तनपुंसकलिंगशब्दाः- फलवत् कारक-उपपदविभक्तिः- पंचमी षष्ठी	
9	• अकारान्तनपुंसकलिंगशब्दाः- फलवत् सर्वनामशब्दाः- अस्मद्, युष्मद् तत्, किम् (त्रिषुलिङ्गेषु) प्रश्नबोधकानि अव्ययानि- कुत्र, किम्, कति, कदा, कुतः, कथं, किमर्थं	मणिका द्वितीयो भागः मणिका द्वितीयः भागः - अभ्यासपुस्तिका
10	एकादशः पाठः भारतेनास्ति मे जीवनं जीवनम् (केवलम् आंतरिकमूल्याङ्कनाय) कारक-उपपदविभक्तिः-सप्तमी अन्यानि अव्ययानि-च, अपि, यदि, तर्हि, यथा, तथा, सम्यक्, एव	मणिका द्वितीयो भागः मणिका द्वितीयः भागः - अभ्यासपुस्तिका

Useful Links	
SAMSKRIT 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
RAMAKRISHNA MISSION	https://sanskrit.rkmvu.ac.in/adm-communicative-sans/

Class-IX		Subject- Artificial Intelligence (417)
Sl No.	Name of the Chapter Topic	Teaching Aids/E-Content Innovative Practice to be adopted
1	PART-A (EMPLOYABILITY SKILLS) Unit-1 Communication Skills-I What is Communication, Verbal & Non-verbal, Visual and Written methods of Communication, English languages Skills-I, Pronunciation Rules (PRACTICAL) Python Introduction to Python	Employability Skills
2	Unit-2 Self-Management Skills-I Introduction, Self-Management, Knowing Own Strengths and Weakness, Self-Confidence & Positive Thinking, Personal Hygiene & Self Grooming (PRACTICAL) Python Variables & Expressions Arithmetic Operators, Expressions, Comparison Operators, logical operators, Assignment Operators,	Employability Skills
3	Unit-3 Basic ICT Skills-I ICT and its impacts, Basic of Computer system & Mobile devices Input, Output, Memory and storage Working with Linux OS, Internet and its Application, Internet Service	Employability Skills
4	Unit-4 Entrepreneurial Skill What is Entrepreneurship & Business, Entrepreneurship vs Employment, Entrepreneurship development Process	Employability Skills
5	Green Skill Natural Environment and Us, Our Influence on Natural Environment Natural Resource Conservation, Green Economy and Green Skill PART-B (VOCATIONAL SKILLS) Introduction to AI Project Cycle Problem Scoping, Identify stakeholders, Action and Ethical Issues (PRACTICAL) Python Data Types - integer, float, strings, type conversion, using print() and input() functions	Employability Skills Facilitator Handbook
6	Data and Analysis, Data Acquisition, Data Exploration/ Data Visualisation,	Facilitator Handbook
7	Modeling, Evaluation, Deployment, Ethics, AI Bias and AI Access (PRACTICAL) Python Conditional(if, if-else)	Facilitator Handbook

8	Basics of data literacy Acquiring Data, Processing, and Interpreting Data Project Interactive Data Dashboard & Presentation Data visualization (Practical) Python iterative statements for and while	Reference Videos: https://www.youtube.com/watch?v=yhO_t-c3yJY https://www.youtube.com/watch?v=aO858HyFbKI https://www.cbse.gov.in/cbsenew/documents/Cyber%20Safety.pdf https://public.tableau.com/en-us/s/download https://www.datawrapper.de/ Video Links: https://www.youtube.com/watch?v=NLCzpPRCc7U https://www.youtube.com/watch?v=_M8BnosAD78
9	Importance of Math for AI Finding Patterns in Numbers and images. Uses of Math –Statistics, Linear Algebra, Probability, Calculus	Activity: 1) Observe the number pattern and find the missing number. 2) To find connections between sets of images and use that to solve problems, Applications of Probability Sports, Weather Forecast, Traffic Estimation
10	Introduction of Generative AI Generative AI vs Conventional AI Types & Examples of Generative AI Benefits & Limitations of using Generative AI, Generative AI tools, Ethical considerations of using Generative AI (Practical) Python List	Activity: Guess the Real Image vs. the AI-generated image Activity: To apply Generative AI tools to create content.
11	Revision of Python & Practical Examination (35 Marks) Simple programs using input and output function Variables, Arithmetic Operators, Expressions, Data Types Flow of control and conditions Lists * Any 3 programs based on the above topics Project Work / Field Visit / Student Portfolio	

	* relate it to Sustainable Development Goals(15 Marks) Revision Work	
--	---	--

Class- X		Subject- English
Sl.No.	Name of Chapter/Topic to be covered	Teaching Aids/ E-Content/ innovative Practices to be adopted
1	FIRST FLIGHT- Prose-1.A Letter to God. 2. Nelson Mandela: Long Walk to Freedom 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=pyOlo053K88 DIKSHA PORTAL NCERT Website Mind Maps PPT
2	FIRST FLIGHT- Prose-Two Stories About Flying Poem-1. A Tiger in the Zoo 2. How to Tell Wild Animals Prose-From the Diary of Anne Frank FOOTPRINTS WITHOUT FEET- 1.The Thief's Story 2.The Midnight Visitor WORDS & EXPRESSIONS- UNIT -02 GRAMMAR-Modals WRITING TASK-Letter to the Editor/ Organisation	Peer Teaching DIKSHA PORTAL NCERT Website PPT Mind Maps
3	FIRST FLIGHT- Prose-Glimpses of India Poem-The Ball Poem FOOTPRINTS WITHOUT FEET- A Question of Trust WORDS & EXPRESSIONS- UNIT -03 GRAMMAR-Subject Verb Agreement WRITING TASK-Letter of Complaint	https://www.youtube.com/watch?v=Va6aceRBdY DIKSHA PORTAL NCERT Website PPT Mind Maps ASL
4	FIRST FLIGHT- Poem-Amanda Prose-Mijbil the Otter FOOTPRINTS WITHOUT FEET- 1.Footprints Without Feet 2.The Making of a Scientist WORDS & EXPRESSIONS- UNIT -04 GRAMMAR-Reported Speech WRITING TASK-Letter of Placing Order	Quiz DIKSHA PORTAL NCERT Website https://youtu.be/-6XYmkclatQ?si=gNFMyygpyhFA-9wG PPT Mind Maps
5	FIRST FLIGHT- Prose-1. Sermon at Benares 2.Madam Rides the Bus Poem-1.The Trees 2. Fog FOOTPRINTS WITHOUT FEET- The Necklace 2. Bholi WORDS & EXPRESSIONS- UNIT – 07 & 08 GRAMMAR-Reported Speech (To be Contd) WRITING TASK-Inquiry Letter	Role Plays based on 'Madam Rides a Bus' DIKSHA PORTAL NCERT Website Mind Maps
6	FIRST FLIGHT- Prose-The Proposal Poem: 1.For Anne Gregory 2.The Tale of Custard the Dragon FOOTPRINTS WITHOUT FEET- The Book that Saved the Earth WORDS & EXPRESSIONS- UNIT – 09 & 10 GRAMMAR-	Speech on 'The Importance of Educating a Girl Child' DIKSHA PORTAL

	Determiners	NCERT Website Mind Maps
7	WORDS & EXPRESSIONS- UNIT -11	Dramatisation DIKSHA PORTAL NCERT Website Mind Maps

Class- X		Subject- Hindi
Sl.No.	Name of Chapter/Topic	Teaching Aids/ E- Content/ innovative Practices to be adopted
1	सूरदास के पद [सूरदास] नेता जी का चश्मा [स्वयं प्रकाश] बाल गोबिन भगत [रामवृक्ष बेनीपुरी] रचना की दृष्टि से वाक्य भेद [व्याकरण] अनुच्छेद लेखन, ई-मेल लेखन	1- सूरदास के पदों का गायन और भक्तिकाल के बारे में वीडियो , भक्ति साहित्य से संबंधित उद्धरण चित्र और विचार विमर्श के लिए सामग्री, सूरदास के जीवन से संबंधित चित्र , कबीर के भजनों , दोहों पर आधारित वीडियो https://diksha.gov.in/play/collection/do_31310347521994752011426 2- NCERT,नेताओं और समाज सेवा पर आधारित चित्र वीडियो,नेताजी पर आधारित संस्मरण और उद्धरण, आजाद हिन्द फ़ौज के बारे में जानकारी,नेताजी द्वारा दिए गए नारों पर चर्चा, नगरपालिका के कार्यों की जानकारी https://diksha.gov.in/play/collection/do_31310347521994752011426 3- बालगोबिन से संबंधित चित्र व वीडियो, समाज सेवा और प्रेरणादायक उद्धरण, साधु और गृहस्थ जीवन में अंतर पर चर्चा, सामाजिक कुरीतियों की जानकारी https://diksha.gov.in/play/collection/do_31310347521994752011426

		4- के. वि. संघठन द्वारा प्रेषित अध्ययन 5- सामग्री के आधार पर अभ्यास कार्य 6- के. वि. संघठन द्वारा प्रेषित अध्ययन सामग्री के आधार पर अभ्यास कार्य
2	राम-लक्ष्मण-परशुराम संवाद [तुलसीदास]	1- रामायण और पौराणिक संदर्भों से संबंधित चित्र वीडियो, सांस्कृतिक और धार्मिक कथाओं से संबंधित पोस्टर और चार्ट, साहस और विनम्रता विषय पर चर्चा एवं वाद-विवाद https://diksha.gov.in/play/collection/do_31310347521994752011426
3	आत्मकथ्य [जयशंकर प्रसाद] लखनवी अंदाज [यशपाल] माता का अंचल [शिव पूजन सहाय] अपठित गद्यांश	1- ऑडियो विजुअल सामग्री – आत्मकथ्य से संबंधित सामग्री, वर्कशीट, सहायक प्रश्नावली व नोट्स, लेखन – सामग्री https://diksha.gov.in/play/collection/do_31310347521994752011426 2- नवाबी परंपरा से संबन्धित ऐतिहासिक तथ्यों की जानकारी, चित्र , नोट्स , सहायक प्रश्नावली, दिखावे की संस्कृति पर चर्चा एवं वाद-विवाद https://diksha.gov.in/play/collection/do_31310347521994752011426 3- ग्रामीण संस्कृति के जीवन पर आधारित वीडियो , चित्र, ग्रामीण जीवन के अनुभवों पर चर्चा, विभिन्न प्रकार की खेल सामग्री पहले व अब की डिजिटल प्रणाली पर आधारित खेल सामग्रियों पर चर्चा, ग्रामीण व शहरी जीवन में अंतर पर चर्चा https://diksha.gov.in/play/collection/do_313103475220119041928 4- के. वि. संगठन द्वारा प्रेषित अध्ययन सामग्री के आधार पर अपठित गद्यांश का अभ्यास
4	उत्साह , अट नहीं रही [सूर्यकांत त्रिपाठी 'निराला]	1- प्रेरणादायक व्यक्तित्व और साहस पर आधारित चित्र , वीडियो , कविताएँ, प्रेरणा दायक उद्धरण और विचार – विमर्श के लिए सामग्री, हिंदी महीनों की जानकारी, अंग्रेजी शासनकाल में देश के स्वतंत्रता सेनानियों पर किये जाने वाले अत्याचारों की

	एक कहानी यह भी [मन्नु भंडारी] वाच्य [व्याकरण] अपठित पद्यांश विज्ञापन लेखन	जानकारी, फागुन के महीने में प्रकृति में होने वाले बदलावों पर चर्चा https://diksha.gov.in/play/collection/do_31310347521994752011426 2- स्वतंत्रता आंदोलन एवं लेखन के क्षेत्र में महिलाओं के योगदान पर चर्चा, गुणों के महत्व पर चर्चा, बालपन में हुए भेदभाव का जीवन पर प्रभावों पर चर्चा https://diksha.gov.in/play/collection/do_31310347521994752011426 3- ICT द्वारा वाच्य पहचानने एवं वाच्य परिवर्तन करने का अभ्यास 4- अपठित पद्यांश संबंधित अभ्यास कार्य विज्ञापन लेखन अभ्यास
5	साना-साना हाथ जोड़ि [मधु कांकरिया] यह दंतुरित मुस्कान , फसल [नागार्जुन] अलंकार [उपमा, रूपक , उत्प्रेक्षा , मानवीकरण , अतिशयोक्ति] पत्र – लेखन	1- सिक्किम राज्य की प्राकृतिक सौंदर्य वर्णन का चित्र व वीडियो , भौगोलिक स्थिति की जानकारी, देश की सीमा पर बैठे फौजियों की कठिनाइयों का वर्णन का चित्र व वीडियो, पहाड़ों की जीवन शैली पर चर्चा https://diksha.gov.in/play/collection/do_3131034752220119041928 2- एनसीईआरटी , बाल्यकाल की मासूमियत और सरलता पर आधारित चित्र वीडियो, बाल्यकाल से संबंधित गतिविधियों पर सहायक सामग्री खेती व किसान जीवन पर आधारित चित्र व वीडियो कृषि और किसानों के प्रति जागरूकता बढ़ाने के लिए पोस्टर व चार्ट, गरीबी व भुखमरी पर वाद-विवाद https://diksha.gov.in/play/collection/do_31310347521994752011426 3- के.वि. संगठन द्वारा प्रेषित गत वर्षों की अध्ययन सामग्रियों के आधार पर अलंकार का अभ्यास 4- पत्र-लेखन और स्ववृत्त लेखन का अभ्यास

6	नौबतखाने में इबादत [यतीन्द्र मिश्र] संगतकार [मंगलेश डबराल] पद-परिचय [व्याकरण] स्ववृत्त लेखन संस्कृति [भदंत आनंद कौसल्यायन]	1- बिस्मिल्ला खां के जीवन और योगदान पर चर्चा, धार्मिक संगीत और इबादत के वीडियो, सांस्कृतिक सहिष्णुता से संबंधित चित्र और पोस्टर, विभिन्न वाद्य यंत्रों के चित्र, वर्तमान समय में रहन-सहन एवं खान-पान में आए बदलावों पर चर्चा https://diksha.gov.in/play/collection/do_31310347521994752011426 2- संगीत और संगतकार पर आधारित चित्र वीडियो। प्रश्नावली, जीवन के विभिन्न संगतकारों पर चर्चा https://diksha.gov.in/play/collection/do_31310347521994752011426 3- के.वि. संगठन द्वारा प्रेषित गत वर्षों की अध्ययन सामग्रियों के आधार पर पद-परिचय का अभ्यास 4- स्ववृत्त लेखन अभ्यास 5- विभिन्न संस्कृतियों पर आधारित वीडियो व चित्र , विज्ञान के उन्नत अविष्कारों की जानकारी, विज्ञान के प्रभावों पर वाद-विवाद https://diksha.gov.in/play/collection/do_31310347521994752011426
7	मैं क्यों लिखता हूँ [अज्ञेय]	1- जापान के हिरोशिमा और नागासाकी के दृश्य के चित्र व वीडियो और घटनाओं पर चर्चा, अज्ञेय का चित्र व उनके जीवन परिचय का वीडियो https://diksha.gov.in/play/collection/do_3131034752220119041928 सैंपल पेपर अभ्यास

Class- X		Subject- Mathematics
Sl.No.	Name of Chapter/Topic to be covered	Teaching Aids/ E- Content/ innovative Practices to be adopted
1	1. Real Numbers	Fundamental theorem of arithmetic and proof of irrationality https://diksha.gov.in/play/content/do_313110587495202_8161159 Prime factorisation practise question
	2. Polynomials	Relation between zeroes and coefficients https://diksha.gov.in/play/content/do_313085916881584_12812925 ACTIVITY: To draw the graph of a quadratic polynomial
	3. Pair of Linear Equations in two variables	Graphical method https://diksha.gov.in/play/content/do_313085917200982_01612117 ACTIVITY. To verify the conditions of consistency/ inconsistency for a pair of linear equations in two variables by graphical method
2	4. Quadratic Equations	Solution of quadratic equation by factorisation Nature of roots Quadratic formula
	5. Arithmetic Progressions	Introduction to AP sum of n terms ACTIVITY (P.NO 107-116) *To identify Arithmetic Progressions *To find the sum of first n natural numbers. *To establish a formula for the sum of first n terms of an Arithmetic Progression.
3	6. Triangles	Activity 6: Basic Proportionality Theorem Application of similar triangles
	7. Coordinate Geometry	Distance formula Section formula ACTIVITY: To verify the distance formula by graphical method. Similar figures

4	8. Introduction to Trigonometry	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. Activity 41: Trigonometric identities
	9. Applications of Trigonometry	
5	10. Circles	Tangent to a circle 1. https://diksha.gov.in/play/content/do_31307451633015193619404 2. 3. https://diksha.gov.in/play/content/do_31307451644502835217027 Number of tangents from a point on a circle Activity: To verify experimentally that the tangent at any point to a circle is perpendicular to the radius through that point.(406) Trigonometric ratios
	11. Areas related to Circles	Area of sector of a circle
7	12. Surface Area and volume.	Surface area of combination of solids Activity 42: Surface areas and volumes of solids mean -direct method
	13. Statistics	Surface area of combination of solids Activity 42: Surface areas and volumes of solids mean -direct method empirical formula
8	14. Probability	Introduction coin case 3 coin case LAB ACTIVITY: To determine the experimental probability of a head (or a tail) dice
	Revision and preboard	Practice of Sample papers MathsX.pdf
9	Revision and preboard	Sample paper https://cbseacademic.nic.in/web_material/SQP/ClassX_2023_24/Mathematics-PQ.pdf
10	Revision and preboard	Sample paper https://cbseacademic.nic.in/web_material/SQP/ClassX_2024_25/Mathematics-PQ.pdf

CLASS-X		Subject- Science
S.N.	Name Of the Chapter/Topic to be Covered	Teaching Aids/E-Content/Innovative Practices to be Adopted
1	Chemical reactions and equations (Chemical reactions, Chemical equation, Balanced chemical equation, types of chemical reactions: combination, decomposition, displacement, double displacement, precipitation, endothermic exothermic reactions, oxidation and reduction)	<u>PRACTICAL EXPERIMENTS</u> 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 <u>Suggestive activities</u> *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) https://ncert.nic.in/pdf/publication/otherpublications/HUSTAG2.pdf Handbook on Understanding Science through Activities, Games, Toys and Art Forms *Experiential Learning through Simulation-Types of chemical Reactions https://amrita.olabs.edu.in/?sub=73&brch=3 &sim=79&cnt=1 https://amrita.olabs.edu.in/?sub=73&brch=3 &sim=80&cnt=1 https://amrita.olabs.edu.in/?sub=73&brch=3 &sim=81&cnt=1 https://amrita.olabs.edu.in/?sub=73&brch=3 &sim=82&cnt=1 *Extended Learning https://youtu.be/pYqL0ngWUiY (Chemical reactions part 1-NCERT OFFICIAL) https://youtu.be/AiYmM1OTJI (Chemical reactions part 2-NCERT OFFICIAL)
	Heredity (Heredity; Mendel's Contribution, Laws for inheritance of traits: Sex determination; brief introduction)	*Suggestive activities –Heredity *Make a write up about Life and Work of Gregor Johan Mendel (Integrated Learning) *Identification of the different parts of an embryo of a dicot seed(Pea, gram or red Kidney bean) *Handbook on Understanding Science through Activities, Games, Toys and Art Forms https://ncert.nic.in/pdf/publication/otherpublications/HUSTAG2.pdf
	Light – reflection and refraction (Reflection of light by curved surfaces; Images formed by spherical mirrors, centre of curvature, principal axis,	*Suggestive activities https://sites.google.com/acads.iiserpune.ac.in/iiserp-scienceactivitycentre/home/hidden-beaker?authuser=0 (Refractive Index -IISER Pune) https://ncert.nic.in/pdf/publication/otherpublications/HUSTAG2.pdf

	principal focus, focal length, mirror formula (Derivation Not required), magnification. Refraction; Laws of refraction, refractive index. Refraction Of light by spherical lens; Image formed by spherical lenses; Lens formula (Derivation not required); Magnification. Power of a lens)	Handbook on Understanding Science through Activities, Games, Toys and Art Forms *Experiential Learning through simulation) https://cdac.olabs.edu.in/?sub=74&brch=9&s_im=67&cnt=1 (To find focal length of a concave mirror) https://cdac.olabs.edu.in/?sub=74&brch=9&s_im=38&cnt=1 (To study reflection in a concave mirror) https://amrita.olabs.edu.in/?sub=1&brch=4&sim=277&cnt=2 (Focal length of a convex lens) https://amrita.olabs.edu.in/?sub=1&brch=4&sim=278&cnt=1 (Convex lens image formation and magnification) https://cdac.olabs.edu.in/?sub=74&brch=9&s_im=37&cnt=1 (Refraction of light in a rectangular glass slab)
2	Light – reflection and refraction (cont.)	<u>PRACTICAL EXPERIMENTS</u> 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
3	Life processes (‘Living Being’. Basic concept of nutrition, respiration, transport and excretion in plants and animals.) Human Eye and colourful world (Functioning Of a lens in Human eye, Defects of Vision and Their corrections, applications of spherical mirrors and lenses. Refraction of light through a prism, dispersion of light, scattering of light, applications in daily life (excluding Colour of The sun at Sunrise and sunset)	<u>PRACTICAL EXPERIMENTS</u> - Preparing a temporary mount of a leaf peel to show stomata. https://amrita.olabs.edu.in/?sub=79&brch=16&sim=137&cnt=1 - Experimentally show that carbon dioxide is given out during respiration. https://amrita.olabs.edu.in/?sub=79&brch=16&sim=136&cnt=1 <u>*Suggestive activities</u> *Handbook on Understanding Science through Activities, Games, Toys and Art Forms https://ncert.nic.in/pdf/publication/otherpublications/HUSTAG2.pdf *Develop models of different Human Body Systems using indigenously available materials from your surroundings (Toy pedagogy) <u>*(Experiential Learning through simulation)</u> https://amrita.olabs.edu.in/?sub=79&brch=16&sim=390&cnt=1 (liberation of carbon dioxide during fermentation) https://amrita.olabs.edu.in/?sub=79&brch=16&sim=126&cnt=1 (Importance of light in photosynthesis) <u>PRACTICAL EXPERIMENTS</u> - Tracing the path of the rays of light through a glass prism. <u>*Suggestive activities-</u> Human Eye (Experiential Learning through simulation) https://amrita.olabs.edu.in/?sub=1&brch=6&sim=246&cnt=1 (Refraction through a prism) *Handbook on Understanding Science through Activities, Games, Toys and Art Forms https://ncert.nic.in/pdf/publication/otherpublications/HUSTAG2.pdf

4	Acid, Bases and Salts (Acids and Bases—definitions in terms of furnishing of H⁺ and OH⁻ ions, identification using indicators, chemical properties, examples and uses, neutralization, concept of pH scale (Definition relating to logarithm not required), importance of pH in everyday life; preparation and uses of Sodium Hydroxide, Bleaching powder, Baking soda, Washing Soda and Plaster of Paris) Control and coordination (Tropic movements in plants; Introduction Of plant hormones; Control and co-ordination in animals: Nervous system; Voluntary, involuntary and reflex action; Chemical co- ordination: animal hormones) Electricity (Electric current, potential difference and electric current. Ohm's law; Resistance, Resistivity, Factors On which The resistance Of a conductor depends. Series combination of resistors, parallel combination of resistors and its applications in daily life. Heating effect of electric current and its applications in daily life. Electric power, Interrelation Between P, V, I and R.)	cations/HUSTAG2.pdf <u>PRACTICAL EXPERIMENTS</u> (I) 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 https://amrita.olabs.edu.in/?sub=73&brch=3 &sim=78&cnt=1 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 https://amrita.olabs.edu.in/?sub=73&brch=3 &sim=6&cnt=1 <u>*Suggestive activities-</u> 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. *Handbook on Understanding Science through Activities, Games, Toys and Art Forms https://ncert.nic.in/pdf/publication/otherpublications/HUSTAG2.pdf <u>*Extended Learning</u> https://amrita.olabs.edu.in/?sub=73&brch=3 &sim=270&cnt=1 (To identify Bleaching powder-Experiential Learning through simulation) https://youtu.be/M2C0OaHAPb4 (Interactive Session PMeVidya) <u>*Suggestive Activities-Control and Coordination</u> (Experiential Learning through simulation) https://amrita.olabs.edu.in/?sub=79&brch=16 &sim=315&cnt=1 (photo and geotropism) <u>*PRACTICAL EXPERIMENTS</u> Studying the dependence of potential difference (V) across a resistor on the current (II) passing through it and determine its resistance. Also plotting a graph between V and I. (III) Determination of the equivalent resistance of two resistors when connected in series and parallel. <u>*Suggestive activities-</u> Electricity (Temperature and resistance - IISER Pune) https://sites.google.com/acads.iiserpune.ac.in/iiserpscienceactivitycentre/home/open-bulb-experiment-temperature-andresistance?authuser=0
---	--	---

		(Resistant pencil-toy Pedagogy) https://www.arvindguptatoys.com/toys/resister.html *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) *Handbook on Understanding Science through Activities, Games, Toys and Art Forms (IV) https://ncert.nic.in/pdf/publication/otherpublications/HUSTAG2.pdf
5	Metals and non-metals (Properties of metals and non-metals; Reactivity series; Formation And properties Of ionic compounds; Basic metallurgical processes; Corrosion And its prevention) How do organisms reproduce? (Reproduction in animals and plants (asexual and sexual) reproductive health -need and methods of family planning. Safe sex vs HIV/AIDS. Child bearing And women's health) Carbon and its compounds (Covalent Bonds – formation and properties of covalent compounds, Versatile Nature of carbon, Hydrocarbons – saturated and unsaturated Homologous series. Nomenclature of alkanes, alkenes, alkyne and carbon compounds containing functional groups (halogens, alcohol, ketones, aldehydes) Chemical properties of carbon compounds (combustion, oxidation, addition and substitution reaction). Ethanol and Ethanoic acid (only properties and uses), soaps and detergents.	*PRACTICAL EXPERIMENTS - Observing the action of Zn, Fe, Cu and Al metals on the following salt solutions: i) $\text{ZnSO}_4(\text{aq})$ ii) $\text{FeSO}_4(\text{aq})$ iii) $\text{CuSO}_4(\text{aq})$ iv) $\text{Al}_2(\text{SO}_4)_3(\text{aq})$ Arranging Zn, Fe, Cu and Al (metals) in the decreasing order of reactivity based on the above result https://amrita.olabs.edu.in/?sub=73&brch=3&sim=59&cnt=1 *Suggestive Activities-Metals and Non- metals *Collect pictures and information related to the historical background of two rust resistant monuments built in India OR Collect information and pictures about the field of metallurgy in ancient India. (Integrated Learning) *Handbook on Understanding Science through Activities, Games, Toys and Art Forms https://ncert.nic.in/pdf/publication/otherpublications/HUSTAG2.pdf PRACTICAL EXPERIMENTS - 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). *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) PRACTICAL EXPERIMENTS - 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 https://amrita.olabs.edu.in/?sub=73&brch=3&sim=11&cnt=1 - Study of the comparative cleaning capacity of a sample of soap in soft and hard water *Suggestive activities- Carbon Compounds Make ball and stick models of different covalent compounds using clay balls and tooth pick (Toy Pedagogy) *Handbook on Understanding Science through Activities, Games, Toys and Art Forms https://ncert.nic.in/pdf/publication/otherpublications/HUSTAG2.pdf

		cations/HUSTAG2.pdf *(Experiential Learning through simulation) https://amrita.olabs.edu.in/?sub=73&brch=3&sim=280&cnt=1 (Esterification reaction) https://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 (To compare the foaming capacity) http://amrita.olabs.edu.in/?sub=73&brch=3&sim=120&cnt=1 (Cleansing capacity of soap)
6	Our environment (Eco-system, Environmental problems, ozone depletion, waste production and Their solutions. Biodegradable and non- biodegradable substances) Magnetic effects of electric current (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. Alternatin current: frequency of AC. Advantage Of AC over DC. Domestic Electric circuits	*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) *Handbook on Understanding Science through Activities, Games, Toys and Art Forms https://ncert.nic.in/pdf/publication/otherpublications/HUSTAG2.pdf *Suggestive activities Toys from trash based on electricity and magnetism-(Toy pedagogy) *Handbook on Understanding Science through Activities, Games, Toys and Art Forms https://ncert.nic.in/pdf/publication/otherpublications/HUSTAG2.pdf *Experiential Learning through simulation 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))
7	REVISION AND PREBOARD	Class X Science Sample Question Paper & Marking Scheme https://cbseacademic.nic.in/web_material/SQP/ClassX_2024_25/Science-SQP.pdf https://cbseacademic.nic.in/web_material/SQP/ClassX_2024_25/Science-MS.pdf Microsoft Word - Science_Class X
8	REVISION AND PREBOARD	Sample papers https://cbseacademic.nic.in/web_material/SQP/ClassX_2023_24/Science-SQP.pdf
9	REVISION	(Science Study Material 2024-25)
10	REVISION AND PREBOARD	Previous Years Questions Papers CBSE https://www.cbse.gov.in/cbsenew/question-paper.html

CLASS-X		Subject-Social Science
SN. No	Name Of the Chapter/Topic to be Covered	Teaching Aids/E-Content/Innovative Practices to be Adopted
1	The Rise of Nationalism in Europe(French revolution and the idea of Nation, The making of Nationalism in Europe, The age of Revolutions 1830-1848,The making of Germany and Italy, Visualising the Nation, Nationalism and Imperialism) Power Sharing (Belgium and Srilanka , Majoritarianism in Srilanka,Accommodation in Belgium, Forms of Power Sharing) Development (What development promises- Different people & different goals, Income and other Goals, National Development, How to compare different countries or states?, Income and other criteria, Public Facilities, Sustainability of Development)	The Rise of Nationalism in Europe https://diksha.gov.in/play/content/do_312795738191781888112086 https://www.youtube.com/watch?v=gXuyCMzfBWQ (NCERT Official) Suggestive Activities Class-10 Kendriya Vidyalaya No.2 Jaipur(Online Study Material)(wordpress.com) Map Activity- Identify and list out names of nations mentioned in the lesson and locate them on a world map. Prepare a chart listing those measures taken by French revolutionaries to create a sense of collective identity. The chart may also contain visuals/images. Find out more about nationalist symbols in countries outside Europe. Group Discussion Topic-“Culture had played an important role in the development of nationalism in Europe during eighteenth and nineteenth centuries’.’ Worksheet –MCQ Power Sharing https://diksha.gov.in/play/content/do_312795738479017984112109 Suggestive Activities Class-10 Kendriya Vidyalaya No.2 Jaipur(Online Study Material)(wordpress.com) Prepare a Flow Chart on different Organs of the Government. Evaluate the power sharing system in India. Quiz List down the various ways of power sharing arrangements in India Development https://diksha.gov.in/play/content/do_312795738301390848112094 Suggestive Activities Class-10 Kendriya Vidyalaya No.2 Jaipur(Online Study Material)(wordpress.com) Prepare a Collage on methods of conservation of resources Frame two Slogans to propagate the idea of sustainable development Case study Different individual goals and concept of development. List a few examples of environmental degradation that you may have observed around you. Worksheet-MCQ
2	Resources and Development (Resource Planning in India, Conservation of Resources, Land Resources, Land Utilisation, Land use pattern in India, Land degradation and conservation measures, Soil as a Resources, Classification of Soils, Soil Erosion and Soil Conservation) Federalism (What is Federalism?, What makes India a federal country?, How is federalism practiced?, Decentralization in India)	Resources and Development https://diksha.gov.in/play/content/do_312795737823666176112054 Suggestive Activities Class-10KendriyaVidyalayaNo.2Jaipur(OnlineStudyMaterial)(wordpress.com) Prepare a short note on the need of resource planning in India. Mark soil types on the outlined map of India. Prepare a chart on the types of soil, features and methods of soil conservation 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. Quiz/Worksheet-MCQ Federalism https://diksha.gov.in/play/content/do_312795738494631936112111 Suggestive Activities Class-10 Kendriya Vidyalaya No.2 Jaipur(Online Study Material)

		wordpress.com Prepare a write-up on unique features of Federalism and Unitary System of Government. Prepare a Chart giving items mentioned in the Union, State and in the Concurrent Lists. Prepare a table on different languages in our Country. Critically analyse the centre- state relations prior to 1990 and after. Design a poster on Decentralisation pattern of India after 1992
3	Forest and Wildlife Resources (Flora and Fauna in India, Conservation of forest and wildlife in India, Types and distribution of forest and wildlife resources, Community and Conservation) Sectors of the Indian Economy (Sectors of Economic Activities, Comparing the three sectors, Primary-Secondary and Tertiary sectors in India, Division of sectors as organized and unorganized, Sectors in terms of ownership: Public and Private sectors) Water resources (Water scarcity and the need for water conservation and management, Multi-purpose river projects and integrated water resources management, Rainwater Harvesting) Gender, Religion and Caste (Gender and politics, Religion-communalism and politics, Caste and Politics)	Forest and Wildlife Resources https://diksha.gov.in/play/content/do_312795737840361472110821 Suggestive Activities Class-10 Kendriya Vidyalaya No.2 Jaipur(Online Study Material) wordpress.com Case study-Wild life encounters, situations and impacts Group Discussion on the topic Human interference and wildlife destruction. Suggest five ways to protect Forests. Assess the need for conservation of forests and wildlife in India. Draw a picture/sketch of any one Natural ecosystem Sectors of the Indian Economy https://diksha.gov.in/play/content/do_31286221480571699214257 Suggestive Activities Class-10 Kendriya Vidyalaya No.2 Jaipur(Online Study Material) wordpress.com Prepare a poster depicting various economic activities of the 3 sectors Write a short note on the growing importance of Tertiary sector in India Debate on the topic-“All the services of the service sector are not growing equally well.” 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 multifaceted development” Various methods of rainwater harvesting since ancient times. 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. Highlight the positive and negative impact of casteism with regard to political expression. Political representation of women in the Panchayats, Municipalities and the Parliament. Group Discussion-“The idea of communal politics is fundamentally flawed”.
4	Nationalism in India (The first world war, Khilafat and Non Cooperation, Differing strands within the movement, Towards Civil Disobedience, The sense of collective Belonging) Agriculture	Nationalism in India https://diksha.gov.in/play/content/do_312795738201382912112087 Suggestive Activities Class-10 Kendriya Vidyalaya No.2 Jaipur(Online Study Material) wordpress.com Map Activity-Indian National Congress Sessions , Important Centres of Indian National Movement

	(Types of farming, Cropping Pattern, Major Crops, Technological and Institutional Reforms) Minerals and Energy Resources (What is Minerals?, Mode of occurrence of Minerals, Conservation of Minerals, Energy Resources, Conventional sources of energy, Non-Conventional sources of Energy, Conservation of Energy Resources) Political Parties (Why do we need political parties ? ,How many parties should we have?, National Parties, State parties, Challenges to political parties, How can parties be reformed?)	Prepare a time line specifying the major events of Indian National Struggle. Group Discussion-“British rule in India would have collapsed if Indians had not cooperated”. List down the factors that created a sense of collective belonging among Indians. Agriculture https://diksha.gov.in/play/content/do_312795737873481728110825 Suggestive Activities Class-10 Kendriya Vidyalaya No.2 Jaipur(Online Study Material) (wordpress.com) Map Activity-Important areas of major crops grown in India. Prepare a table furnishing the climatic and soil requirements of the major food and cash crops of India. Prepare a list of institutional and technological reforms which improved agricultural production in India. Group Discussion-“The declining share of agriculture in the Gross Domestic Product is a matter of serious concern in India.” Quiz/Worksheet-MCQ Minerals and Energy Resources https://diksha.gov.in/play/content/do_312795737892405248112057 Suggestive Activities Collection of newspaper articles on Energy Crisis and methods to tackle it. Map Activity-Locate /identify the important Nuclear and Thermal power stations in India. Group Discussion-“There is an urgent need to develop a sustainable path of energy development.” Prepare a flow chart on types of Minerals Political Parties https://diksha.gov.in/play/content/do_312795738551951360110840 Suggestive Activities Role play on the ideologies, and features of the National political parties of India. Various challenges faced by Political Parties. Prepare a list of the functions of political parties. Debate-“Lack of internal democracy within parties is the major challenge to political parties all over the world.” Suggest five ways to reform political parties Quiz
5	The Making of a Global World (The pre modern World-Silk routes link the world, Food travels: Spaghetti and Potato, Conquest, Disease and Trade) Outcomes of Democracy (How do we asses democracy outcomes?, Accountable-responsive and legitimate government, Economic growth and development, Reduction of inequality and poverty, Accommodation of social diversity, Dignity and freedom of the citizens) Manufacturing Industries (Importance of manufacturing, Classification of Industries, Industrial pollution and Environmental	The Making of a Global World https://diksha.gov.in/play/content/do_312795738235682816112090_- Suggestive Activities Class-10 Kendriya Vidyalaya No.2 Jaipur(Online Study Material) (wordpress.com) Prepare a short note on Bretton Woods Institutions. Responsible factors for the economic depression of 1929. Role of technology in transformation of the world in the nineteenth century. Find out five differences between ancient globalisation and neo globalisation Worksheet –MCQ Outcomes of Democracy https://diksha.gov.in/play/content/do_312795738559021056110841 Suggestive Activities Analyze any two cartoons given in the lesson or prepare a cartoon on any of the outcomes of democracy and collect the different interpretations. Debate on the topic-“Democracy is a better form of government than any other form of government.”

	Degradation)	Manufacturing Industries Suggestive Activities Discuss the steps to be taken to minimise environmental degradation by industry. Map Activity-Locating and Labelling the major industries and industrial areas in India. Debate-“Industrialisation and Urbanisation go hand in hand.” Group Discussion on Industrial pollution and solutions. Worksheet -MCQ
6	Money and Credit (Money as a medium of exchange, Modern forms of money, Loan activities of banks, Terms of credit, Formal sector credit in India, Self Help groups for the poor) The Age of Industrialization (Before the industrial revolution, Hand labour and steam power, Industrialisation in the colonies, Factories come up, The peculiarities of industrial growth, Market for goods) Globalisation And The Indian Economy (What is Globalization? ,Factors that have enabled Globalization , World Trade Organization ,Impact of Globalization in India)	Money and Credit https://diksha.gov.in/play/content/do_312795738332872704112096 Suggestive Activities Class-10 Kendriya Vidyalaya No.2 Jaipur(Online Study Material) (wordpress.com) Importance of formal sources of credit in the economic development. Group Discussion-“Cheap and Affordable credit important for the country’s development. Prepare a list of the functions of the Reserve Bank of India. Prepare a flow chart on Modern forms of Money. The Age of Industrialization https://diksha.gov.in/play/content/do_312795738244481024112091 Suggestive Activities Class-10 Kendriya Vidyalaya No.2 Jaipur(Online Study Material) (wordpress.com) Quiz Prepare a short essay –“Series of changes affected the pattern of industrialisation in India by the early 20 th century.” Proto –Industrialisation. Major problems faced by Indian cotton weavers in 19 th century. Globalisation And The Indian Economy https://diksha.gov.in/play/content/do_312795738344726528112097 Suggestive Activities “The impact of globalisation has not been uniform.” Case study on Labour (Social issue)-Type of employment, working conditions, wage, job security etc. Group Discussion-“Only fair globalisation can give ,new shape to the world economy.” List down the positive and negative impacts of globalisation. Prepare a script of the conversation between two farmers regarding the effects of Globalisation on Agriculture Write a short note on WTO
7	Print Culture and the Modern World (The first printed books , Print comes to Europe, The print revolution and its impact, The reading mania, The nineteenth century, India and the world of print, Religious reforms and public debates, New forms of publication, Print and censorship) Lifelines of National Economy (Only map pointing to be evaluated in the Board Examination) PROJECT WORK:	Print Culture and the Modern World https://diksha.gov.in/play/content/do_312795738253434880112092 Suggestive Activities Class-10 Kendriya Vidyalaya No.2 Jaipur(Online Study Material) (wordpress.com) “The Print Revolution has transformed the lives of people,changing their relationship to information and knowledge.” Quiz/Worksheet-MCQ Prepare a time line /time chart depicting the evolution and growth of printing technology Prepare a sketch of the woodblock printing and manuscripts of India. Lifelines of National Economy Discuss-“Means of transportation and communication called the lifelines of a nation and its economy.” Debate-“No country can survive without international trade in the present Global World.” Suggestive Activities

	Consumer Awareness/ Social Issues/Sustainable Development	Class-10 Kendriya Vidyalaya No.2 Jaipur(Online Study Material) (wordpress.com) 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. Golden Quadrilateral Quiz/Worksheet-MCQ
--	--	--

कक्षा – दशमी		विषय -संस्कृत (119)
क्र.सं	पाठस्य नाम/ शीर्षकस्य नाम	शिक्षण सामग्री
1	प्रथमः पाठः वाङ्मयं तपः अपठितावबोधनम् स्वर सन्धिः (वृद्धिः, यण्, अयादि, पूर्वरूपम्) पत्रलेखनम् संवादपूरणम् / कथापूरणम्	सहायकपुस्तकानियथा- लघुसिद्धान्तकौमुदी, अभ्यासपुस्तिका
2	द्वितीयः पाठः – नास्ति त्यागसमं सुखम् चित्राधारितवर्णनम् समयः अङ्कानां स्थाने शब्देषु समयलेखनम् सामान्य-सपाद- सार्ध-पादोनादि	मणिका द्वितीयो भागः मणिका द्वितीयः भागः - अभ्यासपुस्तिका
3	तृतीयः पाठः रमणीया हि सृष्टिरेषा व्यञ्जनसंधिः (वर्गीयप्रथमवर्णस्य तृतीयवर्णे परिवर्तनं, प्रथमवर्णस्य पञ्चमवर्णे परिवर्तनम्, तुगागमः) तद्धितप्रत्ययः- मतुप्, ठक् प्रत्ययः-टाप्, डीप्	मणिका द्वितीयो भागः मणिका द्वितीयः भागः - अभ्यासपुस्तिका
4	चतुर्थः पाठः-आज्ञागुरुणां हि अविचारणीया अव्ययीभावसमासः- (अनु, उप, सह, निर्, प्रति, यथा) द्वन्द्वसमासः कृत्प्रत्ययः तव्यत्, अनीयर् वाच्यपरिवर्तनम् केवललट्लकारे (कर्तृ-कर्म, क्रिया)	मणिका द्वितीयो भागः मणिका द्वितीयः भागः - अभ्यासपुस्तिका
5	पञ्चमः पाठः अभ्यासवशगं मनः विसर्गसंधिः (विसर्गस्य उत्त्वम्, रत्वम्, विसर्गलोपः, विसर्गस्थाने	मणिका द्वितीयो भागः मणिका द्वितीयः भागः - अभ्यासपुस्तिका

	स, श, ष्) तत्पुरुषः समासः	
6	षष्ठः पाठः- राष्ट्र संरक्ष्यमेव हि सप्तमः पाठः साधुवृत्तिं समाचरेत् तत्पुरुषसमासः नञ्, उपपद । अव्ययपदानि (उच्चैः, च, श्वः, ह्यः, अद्य, अत्र-तत्र, यत्र-कुत्र	
7	अष्टमः पाठः- तिरुक्कुरल्-सूक्तिसौरभम् नवमः पाठः सुस्वागतं भो ! अरुणाचलेऽस्मिन् । अशुद्धिसंशोधनम् (वचन-लिङ्ग-पुरुष- लकारविभक्तिदृष्ट्या संशोधनम्)	मणिका द्वितीयो भागः मणिका द्वितीयः भागः - अभ्यासपुस्तिका
8	दशमः पाठः कालोऽहम्, (केवलम् आन्तरिकमूल्याङ्कनाय) एकादशः पाठः किं किमुपादेयम् (केवलम् आन्तरिकमूल्याङ्कनाय) तद्धितप्रत्ययः - त्व, तल् अव्ययपदानि-(इदानीम्, अधुना, संप्रति, साम्प्रतम् वृथा, शनैः, यदा, तदा, कदा, सहसा, अपि, कुतः इतस्ततः, यदि-तर्हि. यावत्-	मणिका द्वितीयो भागः मणिका द्वितीयः भागः - अभ्यासपुस्तिका

	https://www.sanskritpromotion.in
	https://www.sanskritpromotion.in/
	https://kerala.sanskritabharati.in/
	https://www.sanskrit.nic.in/econtent.php
	https://www.learnsanskrit.org/
	https://ndl.iitkgp.ac.in/homestudy/cbse exam/x_subject/sanskrit
	https://sanskrit.rkmvu.ac.in/adm-communicative-sans/

Class-X		Subject-Artificial Intelligence (417)
SI No.	Name of the Chapter Topic to be Covered	Teaching Aids/E-Content Innovative Practice to be adopted
1	PART-A (EMPLOYABILITY SKILLS) Unit-1 Communication Skills-II Methods & Types of Communication Feedback in Communication Principal & Barriers, Basic Writing Skills (Part of Speech, Sentences) Construction of Paragraph Unit-2 Self-Management Skills-II Introduction, Self-Awareness, Self- Motivation, Self-Regulation (Goal Setting), Positive Thinking, Personal Hygiene, Time Management (Practical) Advance Python Python Basic in a New Flavour	Employability Skills10
2	Unit-3 Basic ICT Skills-II Knowing About Operating System Working with Linux OS Basic Computer Maintenance Unit-4 Entrepreneurial Skill Entrepreneurship & its Impact Entrepreneurial Qualities and Role Entrepreneurship as a Career Option (Practical) Advance Python (Tokens, variables and Assignments, Data Type, Operators)	Employability Skills10
3	Green Skill Sustainable Development Challenges in Sustainable Development, Overcoming Challenges in Sustainable Development PART-B (VOCATIONAL SKILLS) Revisiting AI Project Cycle & Ethical Frame work Understand the stage of AI Project Cycle Three domains of AI and their application Learn about the ethical framework for AI & its Category (Practical) Advance Python Python Conditionals & Loops (if, if- else statements,	Employability Skills10 Facilitator Handbook
4	Advance Concepts of Modeling in AI Understanding AI, ML & DL Modeling Artificial Neural Networks Evaluating Models Importance of Model Evaluation Splitting the training set data for Evaluating Accuracy and Error Evaluation Metrics for classification Ethical concerns around modal evaluation (Practical) Advance Python range() functions & in not in operator, for, while loop	Facilitator Handbook
5	Statistical Data Introduction & No code AI tool Statistical Data use Case Walk through Computer Vision	Facilitator Handbook

	Introduction, Concepts of Computer vision & understand of image representation, (Practical) Advance Python for, while loop	
6	Computer Vision To Demonstrate proficiency in using no-code AI tool for computer vision project. To deploy models, fine-tune parameter and interpret result Image features & Convolution Operator Convolution Neural Network Natural Language Processing Introduction, Chatbots, language Difference, Concepts of Natural Language Processing (Text Normalisation, Bag of Words) Script Bot V/s Smart Bot, Data processing, TFIDF	Facilitator Handbook
7	Natural Language Processing Explore the sentiment analysis processing using real-life dataset with the orange data Mining tool	Facilitator Handbook

CLASS – XI		SUBJECT-HINDI CORE (302)
क्र.सं.	कवर किए जाने वाले अध्याय/ विषय का नाम	शिक्षण सहायक सामग्री/ई-सामग्री/ नवीनतम पद्धतियों को अपनाया जाना
1	कबीर (पद-1) मीरा (पद-1) नमक का दारोगा(प्रेमचंद) मियां नसीरुद्दीन(कृष्णा सोबती) भारतीय गायिकाओं में बेजोड़ लता मंगेशकर(कुमार गंधर्व) पाठ 1 जनसंचार माध्यम और लेखन	कबीर https://diksha.gov.in/play/content/do_31309380227249766411616 https://diksha.gov.in/play/content/do_31309379730315673611614 (MCQ) मीरा https://diksha.gov.in/play/content/do_31309234211662233611177 नमक का दारोगा https://diksha.gov.in/play/content/do_31307655064717721617315 (Short Answers) https://diksha.gov.in/play/content/do_313076549606514688111569 (MCQ) मियां नसीरुद्दीन https://diksha.gov.in/play/content/do_313076563927736320110843 लता मंगेशकर https://diksha.gov.in/play/content/do_31310660983349248013337
2	अप्पू के साथ ढाई साल(सत्यजीत राय) घर की याद(भवानी प्रसाद मिश्र) चंपा काले काले अच्छर नहीं चीन्हती पाठ 14 कार्यालयीन लेखन और प्रक्रिया (प्रतिवेदन,प्रेस विज्ञप्ति,परिपत्र,कार्यवृत्त)	अप्पू के साथ ढाई साल https://diksha.gov.in/play/content/do_313082938856177664151 घर की याद https://diksha.gov.in/play/content/do_3130993808239984641595 चंपा काले काले अच्छर नहीं चीन्हती https://diksha.gov.in/play/content/do_31309459026537676811959
3	गजल(दुष्यंत कुमार) गलता लोहा(शेखर जोशी) राजस्थान की रजत बूंदे (अनुपम मिश्र) पाठ-9डायरी लेखन की कला	डायरी लेखन की कला https://diksha.gov.in/play/content/do_31310855935768166413654 राजस्थान की रजत बूंदे https://diksha.gov.in/play/content/do_313082938522697728177
4	अक्क महादेवी(वचन) विदाई संभाषण(बालमुकुंद गुप्त) पाठ 2 पत्रकारिता के विविध आयाम पाठ 16 कोश एक परिचय(शब्दकोश परिचय, संदर्भ ग्रन्थों की उपयोगी विधि और परिचय	अक्क महादेवी https://diksha.gov.in/play/content/do_3130957099528028161797 अक्क महादेवी जूही के फूल https://diksha.gov.in/play/content/do_3130957103470100481798 विदाई संभाषण https://diksha.gov.in/play/content/do_313082938522697728177 कोश एक परिचय https://diksha.gov.in/play/content/do_3131001153861468161254
5	जामुन का पेड़(कृष्ण चंदर) पाठ 10 कथा-पटकथा लेखन	जामुन का पेड़ https://diksha.gov.in/play/content/do_31308812117007564813259

6	रजनी(मन्नू भंडारी) सबसे खतरनाक (अवतार सिंह पाश) आलो आंधारि(बेबी हालदार) पाठ-15 स्ववृत्त (बायोडाटा) लेखन और रोजगार संबंधी आवेदन पत्र	रजनी https://diksha.gov.in/play/content/do_31308960073273344011089 https://diksha.gov.in/play/content/do_31308960057629900811088 आलो आंधारि https://diksha.gov.in/play/content/do_3131001132961464321277
7	आओ मिलकर बचाएं(निर्मला पुतुल)	
8	भारत माता(जवाहर लाल नेहरू)	भारत माता https://diksha.gov.in/play/content/do_3130924238908047361856 https://diksha.gov.in/play/content/do_31309241928455782411009 (MCQ)

Class- XI		Subject- Physics
Sl. No.	Name of the chapter/Topic	Teaching Aids/E-Content/Innovative Practices to be adopted
1	Unit I: Physical World and Measurements Chapter 1. Units and Measurements. Unit II: Kinematics Chapter 2. Motion in a Straight Line.	Paper scale of given least count Projectile motion apparatus, activities of laws of motion. NCERT Exemplar Problem https://ncert.nic.in/pdf/publication/exemplarproblem/classXI/physics/keep302.pdf Vedio Lecture on Projectile Motion https://diksha.gov.in/play/content/do_4313342804772454400116697?referrer=utm_source%3Dmobile%26utm_campaign%3Dshare_content

	Chapter 3. Motion in a Plane	<u>NCERT EXEMPLAR</u> <u>MCQ</u> https://ncert.nic.in/pdf/publication/exemplarproblem/classXI/physics/keep304.pdf
2	Chapter 3. Motion in a Plane (contd.) Unit III: Laws of Motion Chapter 4. Laws of Motion Unit IV: Work, Energy and Power Chapter 5. Work, Energy and Power	Vedio lecture on Friction https://diksha.gov.in/play/content/do_4313371680169713664178?referrer=utm_source%3Dmobile%26utm_campaign%3Dshare_content Problems on motion https://ncert.nic.in/pdf/publication/exemplarproblem/classXI/physics/keep305.pdf Lecture explaining concept of Work https://diksha.gov.in/play/content/do_4313371680169771008182?referrer=utm_source%3Dmobile%26utm_campaign%3Dshare_content
3	Chapter 6. Work, Energy and Power (contd) Unit V: Motion of System of Particles and Rigid Body Chapter 7. System of Particles and Rotational Motion-	Vedio lecture on Moment of Inertia https://diksha.gov.in/play/content/do_43134013401656197121714?referrer=utm_source%3Dmobile%26utm_campaign%3Dshare_content problem on rotational motion https://ncert.nic.in/pdf/publication/exemplarproblem/classXI/physics/keep307.pdf
4	Unit VI: Gravitation Chapter 8. Gravitation Unit VII: Properties of Bulk Matter Chapter 9. Mechanical Properties of Solids	Short vedio lecture on gravitation and Keplar's law https://diksha.gov.in/play/content/do_43134013401643827201690?referrer=utm_source%3Dmobile%26utm_campaign%3Dshare_content <u>NCERT Problems.</u> https://ncert.nic.in/pdf/publication/exemplarproblem/classXI/physics/keep309.pdf
5	Chapter 10. Mechanical Properties of Fluids Chapter 11. Thermal Properties of Matter	Lecture on dynamic lift https://diksha.gov.in/play/content/do_43134013407660195841944?referrer=utm_source%3Dmobile%26utm_campaign%3Dshare_content Lecture on Volume expansion https://diksha.gov.in/play/content/do_431344473924997120012955?referrer=utm_source%3Dmobile%26utm_campaign%3Dshare_content

		<u>NCERT Problems</u> https://ncert.nic.in/pdf/publication/exemplarproblem/classXI/physics/keep311.pdf
6	Chapter–11: Thermodynamics Chapter 12. Thermodynamics Chapter 14. Oscillations	Vedio lecture on thermodynamic process https://diksha.gov.in/play/content/do_43134312734382899201513?referrer=utm_source%3Dmobile%26utm_campaign%3Dshare_content NCERT Problem https://ncert.nic.in/pdf/publication/exemplarproblem/classXI/physics/keep313.pdf
7	Chapter 15. Waves	Short vedio explaining Beats https://diksha.gov.in/play/content/do_43134312734389534721549?referrer=utm_source%3Dmobile%26utm_campaign%3Dshare_content

CLASS : XI		SUBJECT - CHEMISTRY
Class- XI		Subject: Chemistry
S.N.	NAME OF THE CHAPTER / TOPIC	TEACHING AIDS / E- CONTENT / INNOVATIVE PRACTICES TO BE ADOPTED
1	Unit 1: Some Basic Concepts of Chemistry	Basic Laboratory Techniques Cutting glass tube and glass rod. Bending a glass tube Drawing out a glass jet. Boring a cork. Use of Chemical Balance Preparation of standard solution of Oxalic Acid. Preparation of standard solution of sodium carbonate. https://diksha.gov.in/play/collection/do_31343206741537587211112?contentId=do_31308511749356748811216 https://diksha.gov.in/play/collection/do_31343206741537587211112?contentId=do_31308512522313728011221
2	Unit 2: Structure of Atom Unit 3: Classification of elements and periodicity in properties	Crystallization of an impure sample of any one of the following: alum, copper Sulphate, benzoic acid. • Determination of melting point of an organic Compound. • Determination of Boiling point of an organic compound • Determination of strength of a given solution of Sodium hydroxide by titrating it against standard solution of oxalic acid UNIT 2 https://diksha.gov.in/play/collection/do_31343206741537587211112?contentId=do_31308790565829836813140 https://diksha.gov.in/play/collection/do_31343206741537587211112?contentId=do_31308791960796364812305 https://diksha.gov.in/play/collection/do_31343206741537587211112?contentId=do_3130879234472263681357 https://diksha.gov.in/play/collection/do_31343206741537587211112?contentId=do_31315878899585024011176 https://diksha.gov.in/play/collection/do_31343206741537587211112?contentId=do_31315879214627225611895 UNIT 3 https://diksha.gov.in/play/collection/do_31343206741537587211112?contentId=do_3130907093605826561465 https://diksha.gov.in/play/collection/do_31343206741537587211112?contentId=do_3130907116611092481415 https://diksha.gov.in/play/collection/do_31343206741537587211112?contentId=do_3130907116611092481415

		ontentId=do_3130907149896417281423 https://diksha.gov.in/play/collection/do_31343206741537587211112?contentId=do_3130907173966315521467
3	Unit 4: Chemical bonding and molecular structures & p Block Elements (only for formative assessment)	Determination of strength of a given solution of hydrochloric acid by titrating it against standard solution of sodium carbonate. https://diksha.gov.in/play/collection/do_31343206741537587211112?contentId=do_3130922019188244481644 https://diksha.gov.in/play/collection/do_31343206741537587211112?contentId=do_3130922044636610561645 https://diksha.gov.in/play/collection/do_31343206741537587211112?contentId=do_3130922073003704321996 https://diksha.gov.in/play/collection/do_31343206741537587211112?contentId=do_3130922099511705601997 https://diksha.gov.in/play/collection/do_31343206741537587211112?contentId=do_31309221452397772811164
4	Unit: 5 Thermodynamics	Enthalpy of dissolutions of copper sulphate or potassium nitrate. Enthalpy of neutralization of strong acid (HCl) and strong base (NaOH) https://diksha.gov.in/play/collection/do_31343206741537587211112?contentId=do_3131006278968934401647 https://diksha.gov.in/play/collection/do_31343206741537587211112?contentId=do_3131006296365137921648 https://diksha.gov.in/play/collection/do_31343206741537587211112?contentId=do_3131006311874969601488 https://diksha.gov.in/play/collection/do_31343206741537587211112?contentId=do_3131006328165908481486 https://diksha.gov.in/play/collection/do_31343206741537587211112?contentId=do_3131006343161528321487
5	Unit 6 Equilibrium	Any one of the following experiments: Experiments based on pH (04 Periods) Determination of pH of some solutions obtained from fruit juices, varied concentrations of acids, bases and salts using pH paper or universal indicator. (ii) Comparing the pH of solutions of strong and weak acid of same concentration Study the pH change by common-ion in case of weak acids and weak bases.

6	Unit 7: Redox Reactions Unit 8: Organic Chemistry - Some Basic Principles and Technique	Salt Analysis (Insoluble salts should be avoided; Sufficient number of single salts should be given for analysis so that at least one cation from each group and important anions are covered) Cations- Pb^{2+}, Cu^{2+}, As^{3+}, Al^{3+}, Fe^{3+}, Mn^{2+}, Ni^{2+}, Zn^{2+}, Co^{2+}, Ca^{2+}, Sr^{2+}, Ba^{2+}, Mg^{2+}, NH_4^+ Anions- CO_3^{2-}, $\text{S}_2\text{O}_3^{2-}$, SO_4^{2-}, NO_3^-, Cl^-, Br^-, I^-, PO_4^{3-}, $\text{C}_2\text{O}_4^{2-}$, CH_3COO^- https://diksha.gov.in/play/collection/do_31343206741537587211112?contentId=do_31310771067678720012548 https://diksha.gov.in/play/collection/do_31343206741537587211112?contentId=do_31310771403129651213531 https://diksha.gov.in/play/collection/do_31343206741537587211112?contentId=do_31310771532955648012552
7		Determination of Nitrogen, Sulphur, Chlorine in organic compounds https://diksha.gov.in/play/collection/do_31307457366908928019242?contentId=do_3131552364074598401237
8	Unit 9: Hydrocarbons	Few investigatory projects 1. Study the Methods of Purification of Water. 2. Investigation of foaming capacity of different washing soaps and the effect of addition sodium carbonate. 3. Study the acidity of different samples of tea leaves 4. Determination of the rate of evaporation of different liquids. Study the effect of acids and bases on the tensile strength of fibre https://diksha.gov.in/play/collection/do_31307457366908928019242?contentId=do_31269372508618752013119
9	The Gaseous State (only for formative assessment)	

Class- 11th		Subject- Mathematics
Sl. No.	Name of the chapter/Topic	Teaching Aids/E-Content/Innovative Practices to be adopted
1	Sets Relations and Functions	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 A Visual Aid and graphs etc https://diksha.gov.in/play/collection/do_31310347527264665611070?contentId=do_31316940055008051211386
2	Trigonometric Functions Complex numbers and Quadratic Equations	A Visual Aid and graphs etc https://ncert.nic.in/pdf/publication/exemplarproblem/classXI/mathematics/keep205.pdf https://ncert.nic.in/pdf/publication/exemplarproblem/classXI/mathematics/keep206.pdf
3	Linear Inequalities Permutations and Combinations Binomial Theorem	https://ncert.nic.in/pdf/publication/exemplarproblem/classXI/mathematics/keep207.pdf Identities, Algebraic charts/ formulae https://ncert.nic.in/pdf/publication/exemplarproblem/classXI/mathematics/keep208.pdf
4	Sequence and Series Straight Lines	https://diksha.gov.in/play/collection/do_31310347527264665611070?contentId=do_31316940055008051211386 https://ncert.nic.in/pdf/publication/exemplarproblem/classXI/mathematics/keep209.pdf
5	Conic Sections	https://ncert.nic.in/pdf/publication/exemplarproblem/classXI/mathematics/keep210.pdf
6	Introduction to 3D Geometry Limits and Derivatives	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
7	Statistics	https://diksha.gov.in/play/collection/do_31310347527264665611070?contentId=do_31316940055008051211386 https://ncert.nic.in/pdf/publication/exemplarproblem/classXI/mathematics/keep215.pdf https://ncert.nic.in/pdf/publication/exemplarproblem/classXI/mathematics/keep213.pdf https://diksha.gov.in/play/collection/do_31310347527264665611070?contentId=do_31316940055008051211386
8	Probability	Dice, cards coins etc https://diksha.gov.in/play/collection/do_31310347527264665611070?contentId=do_31316940055008051211386

Class- XI		Subject- Biology (044)
Sl.No.	Name of the Chapter/ Topic to be covered	Teaching aids/ e-Content/ Innovative Practices to be adopted
1	Chapter-1: The Living World Biodiversity;	Species, genus, class https://diksha.gov.in/play/content/do_431343761148984524812932 ART INTEGRATED ACTIVITY. Prepare a power point presentation on Biodiversity and Online Intersection class XI Panel Discussion with English and Biology faculty
2	Chapter-2: Biological Classification	Summary of classification https://diksha.gov.in/play/content/do_431343761148999270412944 five kingdom classification https://diksha.gov.in/play/content/do_431343761148987801612935 Eubacteria https://diksha.gov.in/play/content/do_431343761148990259212937 Protista, euglenoids https://diksha.gov.in/play/content/do_431343761148991897612938 Fungi https://diksha.gov.in/play/content/do_431343819885888307213563 Phycomycetes and Ascomycetes https://diksha.gov.in/play/content/do_431343761148995174412941 Viruses https://diksha.gov.in/play/content/do_431343761148996812812942 Drawing various structures and discussion about enzyme mediated processes. Make herbarium. Case Studies, Hands on Activities
3	Chapter-3: Plant Kingdom	Phaeophyceae https://diksha.gov.in/play/content/do_431343761149002547212947 Liverworts, mosses https://diksha.gov.in/play/content/do_431343761149004185612949 Pteridophytes https://diksha.gov.in/play/content/do_431343761149005004812950 Pteridophytes-life cycle

		https://diksha.gov.in/play/content/do_431343761149005824012951 Gymnosperms-1 https://diksha.gov.in/play/content/do_431343761149006643212952 Demonstration of structure Animal tissues Online. Display of types of tissue with concept mapping . Brain Storming sessions with hands on activities.
4	Chapter-4: Animal Kingdom	Kingdom Animalia- https://diksha.gov.in/play/collection/do_31310347527677542411483?referrer=utm_source%3Dmobile%26utm_campaign%3Dshare_content&contentId=do_31310502395929395212243 Draw various organisms and discussion on it. Case Studies, Hands on Activities
5	Chapter-5: Morphology of Flowering Plants	Flower- https://diksha.gov.in/play/collection/do_31310347527677542411483?referrer=utm_source%3Dmobile%26utm_campaign%3Dshare_content&contentId=do_3131545396334592001848 Floral Formula https://diksha.gov.in/play/content/do_431340140667650867211000 Inflorescence Floral Diagram https://diksha.gov.in/play/content/do_431340140667651686411001 Draw various structures and discussion about enzyme mediated processes. Make herbarium. Case Studies, Hands on Activities
6	Chapter-6: Anatomy of Flowering Plants	Anatomy of angiosperms- https://diksha.gov.in/play/collection/do_31310347527677542411483?referrer=utm_source%3Dmobile%26utm_campaign%3Dshare_content&contentId=do_3131006218756669441531 Draw various structures and discussion about enzyme mediated processes. Make herbarium. Case Studies, Hands on Activities
7	Chapter-7: Structural Organisation in Animals	Animal tissues- https://diksha.gov.in/play/content/do_31310771061754265612912?referrer=utm_source%3Dmobile%26utm_campaign%3Dshare_content Draw different organ systems of frog and discussion about enzyme mediated processes. Case Studies, Hands on Activities
8	Chapter-8: Cell-The Unit of Life	Cell theory- https://diksha.gov.in/play/collection/do_3131034

		7527677542411483?referrer=utm_source%3Dmobile%26utm_campaign%3Dshare_content&contentId=do_31310781105626316813631 Interactive discussion on discovery of cell, osmosis, plasmolysis and comparison between prokaryotic and Eukaryotic cell. Making diagrams of plant cell animal cell with visualization of organelles structure and their function.
9	Chapter-9: Biomolecules	Biomolecules- https://diksha.gov.in/play/collection/do_31310347527677542411483?referrer=utm_source%3Dmobile%26utm_campaign%3Dshare_content&contentId=do_31317508435627212815304 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 Art integration -draw colourful structures of different biomolecules.
10	Chapter-10: Cell Cycle and Cell Division	Cell division- https://diksha.gov.in/play/collection/do_31310347527677542411483?referrer=utm_source%3Dmobile%26utm_campaign%3Dshare_content&contentId=do_3130010321069096961259 Prophase https://diksha.gov.in/play/content/do_43134297902481571841181 Telophase https://diksha.gov.in/play/content/do_43134297902481735681182 Prophase II and Metaphase II

		https://diksha.gov.in/play/content/do_43134297902482145281185 Study of different phases of mitosis onion root tip, and animal cells (grasshopper). Art Integrated Activity- Prepare Mitosis and Meiosis Cards Using Beautiful colours and creativity to show crossing over, terminalisation of chiasmata, chromosomes moving over spindle fibers. solve it like a jig saw puzzle online in group of 6.
11	Chapter-11: Photosynthesis in Higher Plants	ETS- https://diksha.gov.in/play/collection/do_31310347527677542411483?referrer=utm_source%3Dmobile%26utm_campaign%3Dshare_content&contentId=do_31310787481495961613718 Light Harvesting Complex https://diksha.gov.in/play/content/do_43134297902487224321209 Photorespiration https://diksha.gov.in/play/content/do_43134297902487961601216 Drawing various cycles and discussion about enzyme mediated processes. Case Studies, Hands on Activities - Pair and Share with Peer teaching methods Interactive Discussion and Reasoning Questionnaire
12	Chapter-12: Respiration in Plants	Respiration- https://diksha.gov.in/play/collection/do_31310347527677542411483?referrer=utm_source%3Dmobile%26utm_campaign%3Dshare_content&contentId=do_31310788017596006413354 Drawing various cycles and discussion about enzyme mediated processes. Case Studies, Hands on Activities Pair and Share with Peer teaching methods Interactive Discussion and Reasoning Questionnaire
13	Chapter-13: Plant - Growth and Development	Plant development- https://diksha.gov.in/play/collection/do_31310347527677542411483?referrer=utm_source%3Dmobile%26utm_campaign%3Dshare_content&contentId=do_31310838591692800014071 Dedifferentiation & Redifferentiation https://diksha.gov.in/play/content/do_43134297902488862721225 Discovery of Plant Growth Regulators https://diksha.gov.in/play/content/do_43134297902488862721225

		02489026561226 Effects of Plant Growth Regulators https://diksha.gov.in/play/content/do_43134297902489272321228 Plants Growth And Development: Plant Hormones https://diksha.gov.in/play/content/do_312988866819620864135 Drawing various flow charts and discussion on it Case Studies, Hands on Activities Pair and Share with Peer teaching methods Interactive Discussion and Reasoning Questionnaire
14	Chapter-14: Breathing and Exchange of Gases	Human respiratory system- https://diksha.gov.in/play/collection/do_31310347527677542411483?referrer=utm_source%3Dmobile%26utm_campaign%3Dshare_content&contentId=do_31317782057542451214953 Respiratory Volumes https://diksha.gov.in/play/content/do_43134307454702141441345 Disorders of Respiratory System https://diksha.gov.in/play/content/do_43134307454702387201347 Drawing various flow charts and discussion about enzyme mediated processes. Case Studies, Hands on Activities
15	Chapter-15: Body Fluids and Circulation	Blood- https://diksha.gov.in/play/collection/do_31310347527677542411483?referrer=utm_source%3Dmobile%26utm_campaign%3Dshare_content&contentId=do_3136937965816217601405 Cardiac Cycle https://diksha.gov.in/play/content/do_43134307454703042561353 Introduction of Lymph https://diksha.gov.in/play/content/do_43134307454702796801351 Double Circulation https://diksha.gov.in/play/content/do_43134307454703124481354 Drawing various cycles and discussion about enzyme mediated processes. Case Studies, Hands on Activities
16	Chapter-16: Excretory Products and their Elimination	Urine formation- https://diksha.gov.in/play/collection/do_31310347527677542411483?referrer=utm_source%3Dmobile%26utm_campaign%3Dshare_content&contentId=do_3136937965816217601405

		ntId=do_31310851509528985613148 Drawing various cycles and discussion about enzyme mediated processes. Case Studies, Hands on Activities
17	Chapter-17: Locomotion and Movement	Muscle contraction- https://diksha.gov.in/play/collection/do_31310347527677542411483?referrer=utm_source%3Dmobile%26utm_campaign%3Dshare_content&contentId=do_31310771609028198412554 Axial Skeletal System https://diksha.gov.in/play/content/do_43134307454704517121367 Fibrous joints & Cartilaginous Joints https://diksha.gov.in/play/content/do_43134307454704680961368 Sports Integrated Activity Yoga and Muscle Contraction and Relaxation- Spread your mats and perform : Sukhasana, Tadasana, Shashankasana, Padamasana, Naukasana, Vrikshasana.
18	Chapter-18: Neural Control and Coordination	Brain- https://diksha.gov.in/play/collection/do_31310347527677542411483?referrer=utm_source%3Dmobile%26utm_campaign%3Dshare_content&contentId=do_31310771850394009614363 Drawing various cycles and discussion about enzyme mediated processes. Case Studies, Hands on Activities
19	Chapter- 19: Chemical Coordination and Integration	Hormones- https://diksha.gov.in/play/collection/do_31310347527677542411483?referrer=utm_source%3Dmobile%26utm_campaign%3Dshare_content&contentId=do_31310771870628249613535 Study of Case Studies

Class- 11 th		Subject- Computer Science
Sl. No.	Name of the chapter/Topic	Teaching Aids/E-Content/ Innovative Practices to be adopted
1	Computer Systems and Organisation 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 & interpreter), application software - Operating system (OS): functions of operating system, OS user interface - Boolean logic: NOT, AND, OR, NAND, NOR, XOR, truth table, De Morgan's laws and logic circuits - Number system: Binary, Octal, Decimal and Hexadecimal number system; conversion between number systems. - Encoding schemes: ASCII, ISCII and UNICODE (UTF8, UTF32	Lecture method for explaining the concepts of computer operation. Demonstration of computer part and explaining each part
2	Computational Thinking and Programming - Introduction to problem solving: Steps for problem solving (analysing the problem, developing an algorithm, coding, testing and debugging). representation of algorithms using flow chart 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 - Operators: arithmetic operators, relational operators, logical operators, assignment operator, augmented assignment operators, identity operators(is, is not), membership operators(in, not in) - Expressions, statement, type conversion & input/output: precedence of operators, expression, evaluation of expression,	Link for problem solving Use of group discussion method to develop the problem solving techniques Live Working demonstration of the various components of the Python & its program

	python statement, type conversion (explicit & implicit conversion), accepting data as input from the console and displaying output Errors: syntax errors, logical errors, runtime errors	
3	Flow of control: introduction, use of indentation, sequential flow, conditional and iterative flow control - Conditional statements: if, if-else, if-elif-else, flowcharts, simple programs: e.g.: absolute value, sort 3 numbers and divisibility of a number - Iterative statements: for loop, range function, 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, indexing, string operations (concatenation, repetition, membership & slicing), traversing a string using loops, built-in functions: len(), capitalize(), title(), lower(), upper(), count(), find(), index(), endswith(), startswith(), isalnum(), isalpha(), isdigit(), islower(), isupper(), isspace(), lstrip(), rstrip(), strip(), replace(), join(), partition(), split()	Live Working demonstration of the various program of the Python
4	Lists: introduction, indexing, list operations (concatenation, repetition, membership & slicing), traversing a list using loops, built-in functions: 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	Digital Tools and Software : Python IDE and Online Platforms IDLE (Integrated Development and Learning Environment)
5	Tuples: introduction, indexing, tuple operations (concatenation, repetition, membership & slicing), built-in functions: 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 dictionary (adding a new item, modifying an existing item),	Display live coding examples and visual aids for explaining concepts like indexing and slicing.
6	traversing a dictionary. built-in functions of dictionary: len(), dict(), keys(), values(), items(), get(), update(), del, clear(), fromkeys(), copy(), pop(), popitem(), setdefault(), max(), min(), count(), sorted(), copy(); 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	Digital Tools and Software : Python IDE and Online Platforms IDLE (Integrated

	access them. Introduction to Python modules: Importing module using 'import' 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)	Development and Learning Environment
7	Society, Law and Ethics Digital Footprints • Digitalsociety and Netizen: net etiquettes, communication etiquettes, social media etiquettes. • Data protection: Intellectual Property Right (copyright, patent, trademark), violation of IPR (plagiarism, copyright infringement, trademark infringement), open source softwares and licensing (Creative Commons, GPL and Apache)	Videos: Short videos explaining cybercrimes, intellectual property rights,
8	• Cyber-crime: definition, hacking, eavesdropping, phishing and fraud emails, ransomware, preventing cybercrime. • Cyber safety: safely browsing the web, identity protection, confidentiality, cyber trolls and bullying. • Safely accessing web sites: malware, viruses, trojans, adware • E-waste management: proper disposal of used electronic gadgets • Indian Information Technology Act (IT Act) • Technology & Society: Gender and disability issues while teaching and using computers	Videos: Short videos explaining cybercrimes, and e-waste management

Class- 11 th		Subject- Informatics Practices
Sl. No.	Name of the chapter/Topic to be covered	Teaching Aids/E-Content/Innovative Practices to be adopted
1	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.	Lecture method for explaining the concepts of computer operation. Demonstration of computer part and explaining each part
2	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	Live Working demonstration of the various components of the Python & its program
3	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()	- E-presentation. - Detailed discussion - Practical aspects - Cross questions
4	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() Unit 3: Database concepts and the Structured Query Language 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	E-presentation. Detailed discussion Practical aspects Cross questions
5	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 Half Yearly/Mid Test 3rd/4th week of month	Software: MySQL Workbench or any MySQL environment

6	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	Tools: SQL Practice environments like SQLZoo, Codecademy for additional practice
7	Unit 4: Introduction to the Emerging Trends 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.	E-presentation. Detailed discussion Practical aspects Cross questions
8	Cloud Services (SaaS, IaaS, PaaS); Grid Computing, Block chain technology Submission of Practical and Project works	

Class- 11 th Commerce		Subject- Accountancy (055)
Sl. No.	Name of the chapter/Topic to be covered	Teaching Aids/E-Content/Innovative Practices to be adopted
1	UNIT-I Theoretical Framework Introduction to Accounting Theory base of accounting UNIT-II: Accounting process: Recording of Business transactions: Voucher and Transactions:	Suggested activity: Lecture method for Introduction & familiarization of the accounting concepts Use of Mind maps/ ppt on objectives and uses of accounting Group discussion on users of accounting information https://drive.google.com/file/d/1Z0D25MUYcaAD5RB3orP4agrUoTWUiRGv/view Preparation of Scrap file with different Vouchers Grouping students and ask them to identify the documents which are used for credit transaction Create a situation for fill up source documents especially from Banks
2	Books of Original Entry- Journal Recording of Business transactions- Special Purpose books: Cash Book	Teaching Aids: Sample Journal Books & Vouchers (Printed/digital) Flowcharts for Steps of Journalizing Posters of Journal Formats E-Content: Video tutorials on journal entries Animated MCQs (drag-and-drop transactions into correct journal entries) Practice tools for entering transactions online Innovative Practices: Journal Entry Role Play: Students act out transactions & classmates record entries Transaction Card Game: Match transaction to its journal entry Create a Business Story: Students build a story and pass it along – each adds a journal entry Worksheets for journal https://diksha.gov.in/play/collection/do_31310347535505817611436?contentType=TextBook Use Real cash book from School office. Familiarisation of one sample Cashbook to the students Templates of Cash Book, Sales Book, Purchase Book
3	Recording of Business transactions (Contd.)- Special Purpose books: Cash Book Purchases book Sales book Purchases return book Sales return book Journal proper—Ledger	Diagram showing flow from Journal to Ledger Ledger Posting flashcards E-Content: Google Sheets ledger practice sets Videos: Format and posting of Cash Book, Petty Cash Book, etc. Online simulators to practice posting from journals to ledger Innovative Practices: Business Simulation Game: Students play business and record entries in proper books

	Bank Reconciliation Statement	Ledger Matching Activity: Link journal entries to corresponding ledger accounts Comparative study of different types of special purpose books Role play on Debit side and Credit side https://diksha.gov.in/play/collection/do_31310347535505817611436?contentType=TextBook Familiarise the transactions of Pass book with the help of cheque book Compare Cash book and Pass book Ask the student groups to identify the chances of differences between two books Skit on reasons of difference between cash book balance and passbook balance Chart of Common BRS Differences BRS Format flowchart https://drive.google.com/file/d/1D30KIRdfcyb4umww1eYoZiAbYySExiU/view?usp=share_link
4	Depreciation, Provisions and Reserves.	Ask the students to find out expected value an old asset from their classroom for generating idea about book value, scrap value etc. Discussion about methods of valuation of various assets Teaching Aids: Formula Charts for Straight Line & Written Down methods Visual timeline for asset life & depreciation E-Content: Video demonstrations using asset life calculators Interactive depreciation method comparison Innovative Practices: Group Debate: Straight Line vs WDV – which is better? Real-life Asset Tracker: Students track the value of an imaginary asset over years https://drive.google.com/file/d/1gEUVcb9ZNjyE8INf5TPwDmEeuj4lSeL1/view?usp=share_link
5	Trial Balance and Rectification of Errors	Group discussion Work sheets Teaching Aids: Error classification charts (Omission, Commission, Compensating) Trial balance skeleton for filling E-Content: Animated videos showing how errors affect accounts Google Form Quizzes: Identify and rectify errors Innovative Practices: Error Hunt Activity: Intentionally wrong trial balance for students to audit "Fix the Firm" Case Study: Students rectify a firm's books full of errors e-content:

6	Financial Statements of Sole Proprietorship without adjustments	Familiarise different items with the help of an original Financial Statement of a Sole proprietorship Teaching Aids: Sample Trading and P&L formats Visual aid for flow from trial balance to final accounts E-Content: Practice templates in Excel for preparing statements Slideshow walkthrough of income statement preparation Innovative Practices: Story to Statement: Business transaction story → convert to Financial Statement Boardroom Simulation: Act as owners analyzing their profit/loss https://drive.google.com/file/d/1wGDKqzXmHqmByfLLtVRThKUbfMk9_M6n/view
7	Financial Statements of Sole Proprietorship with adjustments	Handmade colourful cross word puzzles for identification of debit amount and credit amounts Teaching Aids: List of common adjustments with accounting treatment Mind map for link between adjustments and their double effect E-Content: Step-by-step animated explanations of adjustments (e.g., outstanding expenses) Smart worksheets with automatic calculation Innovative Practices: Adjustment Puzzle: Guess the missing adjustment based on effect in final account Complete the Cycle Game: Journal → Ledger → Trial → Adjustment → Final Accounts https://drive.google.com/file/d/1J8pLdES39y9QL8MNa5ED3iGbOH4GjpIj/view
8	Accounts from Incomplete Records	Group Discussion, quizzes Games like MIX & MATCH OR drag the words into correct options (boxes) Teaching Aids: Comparative chart: Single Entry vs Double Entry Working note templates for missing data E-Content: Video lessons on Statement of Affairs & Cash Book Excel calculators for estimating missing profit or capital Innovative Practices: Detective Accountant Game: Students find missing figures from given info Rebuild the Business: Story-based challenge where data is missing and needs reconstruction https://drive.google.com/file/d/1sbMX_7GAyHcmILs8y0kTYSNtkual0GH9/view?usp=share_link

Class- 11th		Subject- Business Studies (054)
Sl. No .	Name of the chapter/Topic to be covered	Teaching Aids/E-Content/Innovative Practices to be adopted
1	Nature and Purpose of Business Forms of Business Organisations	Suggested Activity: 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. 5. Charts showing economic vs. non-economic activities. 6. Concept maps linking objectives and classification of business https://diksha.gov.in/play/collection/do_31310347535117516811487?ref=utm_source%3Dmobile%26utm_campaign%3Dshare_content&contentId=do_313080230084214784114288 https://diksha.gov.in/play/collection/do_31310347535117516811487?ref=utm_source%3Dmobile%26utm_campaign%3Dshare_content&contentId=do_313080223008587776114282 Use of Role play method to explain the concept of Partnership, H.U.F. and Cooperative societies. Use of group discussion method to develop the understanding of merits and demerits of Sole Proprietorship, Partnership, H.U.F. and Cooperative societies. Comparison tables (sole proprietorship, partnership, joint stock company, etc.) Role cards to explain types of ownership. https://diksha.gov.in/play/collection/do_31310347535117516811487?ref=utm_source%3Dmobile%26utm_campaign%3Dshare_content&contentId=do_313080229095497728113973

2	Forms of Business Organisations (Contd.)	Initiating a virtual trip to Cooperative societies approved by Govt. of India for explaining “types of cooperative societies”. Use of Survey method to find out features and working of different forms of business organizations.
	Public, Private and Global Enterprises	Business Setup Simulation: Groups choose a form and explain their choice. Debate: Partnership vs. Company — which is better and why? https://diksha.gov.in/play/collection/do_31310347535117516811487?ref=utm_source%3Dmobile%26utm_campaign%3Dshare_content&contentId=do_3130878990761246721111 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. E-Content: Videos on privatization, disinvestment, and MNCs. PPTs showcasing examples from India and abroad. Innovative Practices: Role Play: Stakeholders in public vs. private enterprise. News Analysis: Track privatization/global mergers in headlines. https://diksha.gov.in/play/collection/do_31310347535117516811487?ref=utm_source%3Dmobile%26utm_campaign%3Dshare_content&contentId=do_3130901352861204481121
	Business Services	Lecture Method Use of Brainstorming method for banking services. Connect with daily life examples. Use of Visual aids on Banking System. Use of Survey method. Service classification charts (banking, insurance, communication, etc.) Virtual tour of a bank, insurance company, or courier service. Audio-visuals explaining types of insurance, telecom, e-banking. https://diksha.gov.in/play/collection/do_31310347535117516811487?ref=utm_source%3Dmobile%26utm_campaign%3Dshare_content&contentId=do_3130921901375406081995

[illegible]

		Trade Fair Setup: Each group represents a type of internal trade. https://diksha.gov.in/play/collection/do_31310347535117516811487?ref=utm_source%3Dmobile%26utm_campaign%3Dshare_content&contentId=do_3132113353273917441226
7	International Business	Use of visual aids on the topic: Import trade and export trade procedure. Use of Survey method to find out features and working of international business. Holding Seminars by Students on small topics for initiating wider learning for gathering details of selected topics. Teaching Aids: Charts showing modes of international trade. Comparison tables: Domestic vs. International Trade. E-Content: WTO and export-import process explainers. Video case studies: Indian companies going global. Innovative Practices: Export Plan Activity: Students create an export strategy for a product. Global Trade Simulation: Students represent countries and trade goods/services. https://diksha.gov.in/play/collection/do_31310347535117516811487?ref=utm_source%3Dmobile%26utm_campaign%3Dshare_content&contentId=do_313211335066034176198
8	Revision for 2 nd Periodic test	https://cbseacademic.nic.in/web_material/CurriculumMain26/SrSec/BusinessStudies_SrSec_2025-26.pdf

Class- 11 th		Subject- ECONOMICS
Sl. No.	Name of the chapter/Topic to be covered	Teaching Aids/E-Content/Innovative Practices to be adopted
1	Introduction: What is Economics? Meaning, scope, functions and importance of statistics in Economics Collection, Organisation and Presentation of data Collection of data - sources of data - primary and secondary; Collection, Organisation and Presentation of data (Cont.---) 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. Organisation of Data: Meaning and types of variables; Frequency Distribution Presentation of Data: Tabular Presentation and Diagrammatic Presentation of Data: (i) Geometric forms (bar diagrams and pie diagrams), Frequency diagrams (histogram, polygon and ogive) and (iii) Arithmetic line graphs (time series graph).	Power point presentations and other e-contents available on DIKSHA. https://diksha.gov.in/play/collection/do_31310347532020121611421?referrer=utm_source%3Dmobile%26utm_campaign%3Dshare_content
2	Introductory Microeconomics Introduction Meaning of microeconomics and macroeconomics; positive and normative economics What is an economy? Central problems of an economy: what, how and for whom to produce; concepts of production possibility frontier and opportunity cost	https://diksha.gov.in/play/content/do_31308396326704742411255
3	Consumer's Equilibrium and Demand Consumer's equilibrium - meaning of utility, marginal utility, law of diminishing marginal utility, conditions of consumer's equilibrium using marginal utility analysis. 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. 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; Measurement of price elasticity of demand – percentage-change method and total expenditure method.	https://diksha.gov.in/play/collection/do_31310347542798336011098?referrer=utm_source%3Dmobile%26utm_campaign%3Dshare_content https://kvsekmeresources.in/files/presentations/class-xi-eco-Demand.pdf https://kvsekmeresources.in/files/presentations/classxi-eco-demand2.pdf

4	Statistical tools and Interpretation Measures of Central Tendency- Arithmetic Mean Median and mode. Producer Behaviour and Supply Meaning of Production Function – Short-Run and Long-Run Total Product, Average Product and Marginal Product. Returns to a Factor	https://diksha.gov.in/play/collection/do_31310347542798336011098?referrer=utm_source%3Dmobile%26utm_campaign%3Dshare_content
5	Producer Behaviour and Supply(Contd.-) 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.- Revenue: total, average and marginal revenue - meaning and their relationship. Producer's equilibrium-meaning and its conditions in terms of marginal revenue- marginal cost	E material from DIKSHA app https://diksha.gov.in/play/content/do_3130922087384104961957
6	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. Forms of Market and Price Determination under Perfect Competition with simple application Perfect competition - Features; Project Work	https://diksha.gov.in/play/content/do_31309221589076377611308
7	Statistical tools and Interpretation (Contd.....) Correlation – meaning and properties, scatter diagram Measures of correlation - Karl Pearson's method (Two variables ungrouped data) Spearman's rank correlation. (Non - Repeated Ranks and Repeated Ranks)	E material from DIKSHA app
8	Forms of Market and Price Determination under Perfect Competition with simple application (Contd...) Determination of market equilibrium and effects of shifts in demand and supply.(Short run only) Simple Applications of Demand and Supply: Price ceiling, price floor.	Examples resembling this market form are- Online purchasing and wheat production can be sighted. https://diksha.gov.in/play/collection/do_31310347542798336011098?referrer=utm_source%3Dmobile%26utm_campaign%3Dshare_content
9	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 Project in Economics	https://diksha.gov.in/play/collection/do_31310347542798336011098?referrer=utm_source%3Dmobile%26utm_campaign%3Dshare_content

Class: 11		Subject: Geography
Sr. No.	Name of the chapter & topic to be covered	Teaching aids/ E- content/ Innovative Practices to be adopted
1.	Fundamentals of Physical Geography. 1: Geography as a Discipline 2: The Origin and Evolution of the Earth India Physical Environment. 1: India Location Practical work in Geography 1: Introduction to Maps 2: Map Scale	Globe, Atlas, Wall Maps, School Bhuvan, Google Earth, Mapping Puzzle Game, YouTube videos.
2.	Fundamentals of Physical Geography. 3: Interior of the Earth 4: Distribution of Oceans and Continents India Physical Environment. 2: Structure and Physiography Practical work in Geography 3: Latitude, longitude and time	3D Model of earth interior Satellite images of oceans and continent to be used as visual aids. Case study of local physiography Worksheet on Latitude and Longitude
3.	Fundamentals of Physical Geography. 5: Geomorphic Processes 6: Landforms and their Evolution 7: Composition and Structure of Atmosphere Practical work in Geography 4: Map Projections	Geomorphic processes to be study with the help of videos on National Geographic channel. 3D model of atmosphere Experiments with the gases of atmosphere.
4.	Fundamentals of Physical Geography. 8: Solar Radiation, Heat Balance and Temperature India Physical Environment. 3: Drainage System Practical work in Geography 5. Topographical Maps.	Case study of solar storm – News analysis Audio visual aids to be used.
5.	Fundamentals of Physical Geography. 9: Atmospheric Circulation and Weather Systems India Physical Environment. 4: Climate	Globe, Atlas, Wall Maps, School Bhuvan, Google Earth, Mapping Puzzle Game, YouTube videos. Activity on Coriolis force
6.	Fundamentals of Physical Geography. 10: Water in the Atmosphere 11: World Climate and Climate Change Practical work in Geography 6. Introduction to Remote sensing	Globe, Atlas, Wall Maps, School Bhuvan, Google Earth, Mapping Puzzle Game, YouTube videos from NASA
7.	India Physical Environment. 5: Natural Vegetation	Globe, Atlas, Wall Maps, School Bhuvan, Google Earth, Mapping Puzzle Game, YouTube videos.
8.	Fundamentals of Physical Geography. 12: Water (Oceans)	Globe, Atlas, Wall Maps, School Bhuvan, Google Earth, Mapping

	13: Movements of Ocean Water	Puzzle Game, YouTube videos.
9.	Fundamentals of Physical Geography. 14. Biodiversity and Conservation India Physical Environment. 6. Natural Hazards and Disasters	Globe, Atlas, Wall Maps, School Bhuvan, Google Earth, Mapping Puzzle Game, YouTube videos on disasters.

Class 11th		English Core (301)
Sl. No.	Name of the chapter/Topic to be covered	Teaching Aids/E-Content/Innovative Practices to be adopted
1		
2		
3	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 Writing Tenses Comprehension (Reading) ASL	http://epathshala.nic.in/QR/?id=11072CH01 http://epathshala.nic.in/QR/?id=11072CH01 http://epathshala.nic.in/QR/?id=11073CH01 Mind Maps & PPTs Mind Maps & PPTs Mind Maps, Worksheets & PPTs Worksheets https://learnenglish.britishcouncil.org/skills/lis_tening
4	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 Writing Reading Comprehension Practice	http://epathshala.nic.in/QR/?id=11072CH02 http://epathshala.nic.in/QR/?id=11072CH02 http://epathshala.nic.in/QR/?id=11073CH02 Mind Maps & PPTs Mind Maps & PPTs Mind Maps & PPTs https://learnenglish.britishcouncil.org/skills/reading

5	Hornbill 3. Discovering Tut.... The Saga Continues Hornbill-3. The Voice of the Rain Snapshots-3. Mother's Day Transformation of Sentences Debate Writing	http://epathshala.nic.in/QR/?id=11072CH03 http://epathshala.nic.in/QR/?id=11072CH03 http://epathshala.nic.in/QR/?id=11073CH05 Mind Maps & PPTs https://learnenglish.britishcouncil.org/skills/writing
6	Hornbill-4. The Adventure Hornbill-4. Childhood Snapshots-4. Birth Reading Comprehension Practice Writing Tasks Practice Listening And Speaking Activities Reordering of Sentences	http://epathshala.nic.in/QR/?id=11072CH07 http://epathshala.nic.in/QR/?id=11072CH05 http://epathshala.nic.in/QR/?id=11073CH07 https://learnenglish.britishcouncil.org/skills/reading https://learnenglish.britishcouncil.org/skills/writing https://learnenglish.britishcouncil.org/skills/speaking Mind Maps & PPTs
7	Hornbill-5. Silk Road Hornbill-5. Father To Son Writing Tasks Practice Reading Comprehension Practice Grammar Practice	http://epathshala.nic.in/QR/?id=11072CH08 http://epathshala.nic.in/QR/?id=11072CH08 Mind Maps & PPTs Mind Maps & PPTs Mind Maps & PPTs
8	Snapshots-5. The Tale of Melon City Reading Comprehension Practice Writing Tasks Practice	http://epathshala.nic.in/QR/?id=11073CH08 Worksheets & PPTs
9	Grammar Practices Project Submission	

	Revision	
10	Project and ALS Revision for SEE	https://learnenglish.britishcouncil.org/skills/ listening
11	Revision for SEE	
12	SEE	

Class- 11th		Subject- History
Sl. No.	Name of the chapter/Topic to be covered	Teaching Aids/E-Content/Innovative Practices to be adopted
1	Introduction of world History	
	Introduction Timeline I (6 MYA To 1 BCE)	Use of timeline
	THEME-I Writing and City Life TOPICS : Iraq, 3rd millennium BC (a) Growth of towns. (b) Nature of early urban societies. Debate on uses of writing	To use a table to bring out the connection between city life and culture of contemporary civilizations.
2	Introduction Timeline II (C.100 BCE To 1300 CE)	Quiz and timeline discussion
	THEME-II An Empire Across Three Continents TOPICS: Roman Empire, 27 BC to AD 600. (a) Political evolution. (b) Economic expansion (c) Religion (d) Late Antiquity. Debate on the institution of slavery	Use of maps to facilitate an easier comprehension of the changing dynamics of political history
	THEME-III Nomadic Empires TOPICS: the Mongol, 13th to 14th century (a) The nature of nomadism.	
3	Nomadic Empire(b) Formation of empires. (c) Conquests and relations with other states. Debate on nomadic societies and state formation.	Discussion on the life of pastrolist society
	Introduction Timeline III (C.1300 To 1700)	Debate and explain the Historical phenomenon of feudalism.
	THEME-IV The Three Orders TOPICS: Western Europe, 9th-16th century (a) Feudal society and economy. (b) Formation of states. (c) Church and society. Debate on decline of feudalism	
4	THEME-V Changing Cultural Traditions TOPICS: Europe, 14th to 17th century. (a) New ideas and new trends in literature and arts. (b) Relationship with earlier ideas (c) The contribution of West Asia. Debate: Is the notion 'European 'Renaissance' valid?	

	Introduction Timeline IV (C.1700 To 2000)	Use of timeline framework.
5	THEME-VI Displacing Indigenous People Focus on North America and Australia, 18th-20th century. (a) European colonists in North America and Australia.	
	Displacing Indigenous People (b) Formation of white settler societies. (c) Displacement and repression of local people. Debate on the impact of European settlement on indigenous population	Narration of events with picture charts.
6	THEME-VII Paths to Modernisation Focus on East Asia. Late 19th and 20th century. (a) Militarization and economic growth in Japan.	
	Paths to Modernisation (b) China and the Communist alternative.	
7	Paths to Modernisation Debate on the meaning of Modernisation	Demonstrate an understanding of the concept of modernization and its application in various forms.

[illegible]

		390411082?contentId=do_31308388369021337611137 https://diksha.gov.in/play/collection/do_31310347536844 390411082?contentId=do_31308399730125209611050 कैमरे में बंद अपाहिज https://diksha.gov.in/play/collection/do_31310347536844 390411082?contentId=do_31308388651128422411652 https://diksha.gov.in/play/collection/do_31310347536844 390411082?contentId=do_31308389558676684812587 https://diksha.gov.in/play/collection/do_31310347536844 390411082?contentId=do_31308390283341824011019
4	उषा(शमशेर बहादुर सिंह) बादल राग (सूर्यकांत त्रिपाठी निराला) पहलवान का ढोलक(फणीश्वर नाथ रेणु) , जूझ(आनंद यादव) पाठ-5 विशेष लेखन स्वरूप व प्रकार	मानसिक मानचित पी.पी.टी. ,, ई सामग्री उषा https://diksha.gov.in/play/collection/do_31310347536844 390411082?contentId=do_3130902527523143681399 https://diksha.gov.in/play/collection/do_31310347536844 390411082?contentId=do_3130902546109808641400 https://diksha.gov.in/play/collection/do_31310347536844 390411082?contentId=do_3130902567215759361293
5	कवितावली, लक्ष्मण मूर्च्छा और राम का विलाप (तुलसीदास) रुबाईया (फिराक गोरखपुरी) शिरीष के फूल(हजारी प्रसाद द्विवेदी) पाठ-11 कैसे करें कहानी का नाटक रूपांतरण	पी.पी.टी. प्रश्नोत्तरी कवितावली https://diksha.gov.in/play/collection/do_31310347536844 390411082?contentId=do_31309350476040601611037 https://diksha.gov.in/play/collection/do_31310347536844 390411082?contentId=do_31309350594371584011140 https://diksha.gov.in/play/collection/do_31310347536844 390411082?contentId=do_31309350731501568011496 लक्ष्मण मूर्च्छा और राम का विलाप https://diksha.gov.in/play/collection/do_31310347536844 390411082?contentId=do_31309351019861606411640 https://diksha.gov.in/play/collection/do_31310347536844 390411082?contentId=do_31309351116728729611040 https://diksha.gov.in/play/collection/do_31310347536844 390411082?contentId=do_31309351201359462411141 शिरीष के फूल https://diksha.gov.in/play/collection/do_31310347536844 390411082?contentId=do_313095290823008256167 https://diksha.gov.in/play/collection/do_31310347536844 390411082?contentId=do_313095292722626560168 https://diksha.gov.in/play/collection/do_31310347536844

		390411082?contentId=do_313095294293417984169 कैसे करें कहानी का नाटक रूपांतरण https://diksha.gov.in/play/content/do_31311182352493772811248
6	छोटा मेरा खेत, बगुलों (उमाशंकर जोशी) श्रम विभाजन और जाति प्रथा मेरी कल्पना का आदर्श समाज (बाबा साहेब भीमराव आंबेडकर) पाठ-12 कैसे बनता है रेडियो नाटक	पी.पी.टी. , गूगल फॉर्म प्रश्नोत्तरी छोटा मेरा खेत 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
7	अतीत में दबे पांव(आनंद यादव) श्रवण वाचन कौशल	

Class- 12th		English Core (301)
Sl. No.	Name of the chapter/Topic to be covered	Teaching Aids/E-Content/Innovative Practices to be adopted

1	1.Creative writing skills – Notice Writing 2.The Last Lesson – Flamingo 3..My Mother at Sixty-Six – Flamingo 4.The Third Level – Vistas 5.Reading Comprehension – Unseen Passages	https://diksha.gov.in/play/collection/do_31310347537468620811440?contentId=do_313310945307492352_13116 Mind Maps & PPTs Worksheets Peer Group discussion on Time Travel Debate - Language Chauvinism will harm linguistic minorities. Guided Reading Tasks.
2	6.Introduction to ALS 7. Reading & Comprehension (Case Based Passage) 8. Lost Spring- Flamingo	https://www.downtoearth.org.in/waste/a-day-in-a-ragpickers-slum-in-new-delhi-59106 Mind Maps & PPTs Worksheets Whole Group Discussion Speech- The plight of street children denied the opportunity of schooling.
3	9.Letter Writing- Application for Jobs 10. Project Work 11. Creative Writing Skills – Invitations and Replies 12.Keeping Quiet – Flamingo	https://diksha.gov.in/play/collection/do_31310347537468620811440? Mind Maps & PPTs Worksheets Discuss- ‘Self- Introspection is the key to a peaceful life.’
4	13. The Tiger King – Vistas 14. Deep Water – Flamingo 15. Letter to Editor 16.Reading Comprehension 17.Creative writing Skills – Article Writing 18.A Thing of Beauty – Flamingo	Mind Maps & PPTs Worksheets Role Play –‘Power Corrupts’ Free Reading Tasks.

5	19. The Rattrap – Flamingo 20. Journey to the End of the Earth – Vistas 21. Creative Writing Skills – Report Writing 22. Project Work 23. Reading Comprehension -Case Based Passages 24. The Enemy- Vistas	https://diksha.gov.in/play/collection/do_31310347537468620811440?contentId=do_313123985556750336_11271 Group Discussion- Theme of loneliness in 'The Rattrap' Art Integrated project on THE ENEMY
6	25. Indigo – Flamingo 26. Poets and Pancakes – Flamingo 27. A Roadside Stand – Flamingo 28. The Interview- Flamingo	https://diksha.gov.in/play/collection/do_3132294648255365121250?contentId=do_313228692687855616_123 Mind Maps & PPTs Worksheets Conduct interview of a local celebrity.
7	29. Aunt Jennifer's Tigers – Flamingo 30. Going Places – Flamingo 31. On the Face of It – Vistas 32. Memories of Childhood – Vistas	https://diksha.gov.in/play/collection/do_31310347537468620811440?contentId=do_3132238982773964801449 Article- Making hard choices in life. Discuss in class- Why is inclusion so necessary?
8	Revision Work, Sample Paper Practice	https://cbseacademic.nic.in/web_material/QuestionBank/ClassXII/EnglishCoreXII.pdf
9	Revision Work, Sample Paper Practice	https://cbseacademic.nic.in/web_material/QuestionBank/ClassXII/EnglishCoreXII.pdf
10	Revision Work, Sample Paper Practice	https://cbseacademic.nic.in/web_material/QuestionBank/ClassXII/EnglishCoreXII.pdf
11	Board Exam	
12	Board Exam	

Class- XII		Subject- Physics
Sl. No .	Name of the chapter/Topic to be covered	Teaching Aids/E-Content/Innovative Practices to be adopted
1	UNIT-I Electrostatics Chapter 1. Electric charges and fields : Chapter 2. Electrostatic potential and capacitance : Unit II: Current Electricity Chapter 3. Current electricity :	Lecture on conductors, insulators and charging by induction https://diksha.gov.in/play/content/do_3134595678748016641324?referrer=utm_source%3Dmobile%26utm_campaign%3Dshare_content Vedio lecture on Electric Potential https://diksha.gov.in/play/content/do_4313342832212762624116736?referrer=utm_source%3Dmobile%26utm_campaign%3Dshare_content Exempler problem NCERT https://ncert.nic.in/pdf/publication/exemplarproblem/classXII/physics/leap101.pdf Lecture on wheatstone bridge https://diksha.gov.in/play/content/do_43133428322129920001

		16757?referrer=utm_source%3Dmobile%26utm_campaign%3Dshare_content
2	<u>Unit III:</u> Magnetic Effects of Current and Magnetism Chapter 4. Moving charges and magnetism Chapter 5. Magnetism and matter	Lecture on Magnetic force https://dikhsha.gov.in/play/content/do_431340726144229376012030?referrer=utm_source%3Dmobile%26utm_campaign%3Dshare_content NCERT Exemplar problem https://ncert.nic.in/pdf/publication/exemplarproblem/classXII/physics/leap104.pdf MCQ/CBQ Problems https://ncert.nic.in/pdf/publication/exemplarproblem/classXII/physics/leap105.pdf
3	<u>Unit IV:</u> Electromagnetic Induction and Alternating Currents Chapter-6: Electromagnetic induction: Chapter-7: Alternating current : <u>Unit V:</u> Electromagnetic waves Chapter 8 : Electromagnetic waves:	Lecture explaining Lenz's Law https://dikhsha.gov.in/play/content/do_431340726144258867212053?referrer=utm_source%3Dmobile%26utm_campaign%3Dshare_content Vedio Lecture on Transformer https://dikhsha.gov.in/play/content/do_431340726144280985612072?referrer=utm_source%3Dmobile%26utm_campaign%3Dshare_content MCQ https://ncert.nic.in/pdf/publication/exemplarproblem/classXII/physics/leap107.pdf NCERT exemplar Problem https://ncert.nic.in/pdf/publication/exemplarproblem/classXII/physics/leap107.pdf

4	<u>Unit VI:</u> Optics Chapter 9: Ray optics: Chapter 10 : Wave optics :	Lecture vedio on Simple Microscope https://diksha.gov.in/play/content/do_431340726126871347211133?referrer=utm_source%3Dmobile%26utm_campaign%3Dshare_content Short notes on lenses, mirror and characterstics of images http://physics.bu.edu/~duffy/semester2/c28_lenses.html introduction to interference https://diksha.gov.in/play/content/do_431340726126849228811115?referrer=utm_source%3Dmobile%26utm_campaign%3Dshare_content Huygens principle https://diksha.gov.in/play/content/do_431340726126846771211113?referrer=utm_source%3Dmobile%26utm_campaign%3Dshare_content
5	<u>Unit VII:</u> Dual Nature of Radiation and Matter Chapter 11: Dual nature of radiation <u>Unit VIII:</u> Atoms and Nuclei Chapter 12: Atoms : Chapter 13: Nuclei:	http://physics.bu.edu/~duffy/semester2/c34_photoelectric.html deBroglie justification on Bohr's assumption http://physics.bu.edu/~duffy/semester2/c37_deBroglie.html 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.
6	<u>Unit IX:</u> Electronic Devices Chapter 14: semiconductor electronics :Materials, devices and simple circuits	Energy level digram of H atom. http://physics.bu.edu/~duffy/semester2/c37_energylevels.html NCERT Exemplar https://ncert.nic.in/pdf/publication/exemplarproblem/classXII/physics/leap114.pdf

CLASS: XII	SUBJECT: CHEMISTRY
------------	--------------------

S.N.	NAME OF THE CHAPTER	TEACHING AIDS / E- CONTENT / INNOVATIVE PRACTICES TO BE ADOPTED
1	Unit I: Solutions Unit II: Electrochemistry	1.Small classroom activities to explain the meaning of solute, solvent & solutions and also identification of solutes and solvents of some solutions given. 2. Correlation between the osmosis and transport mechanism of ions in plants and animals (Interdisciplinary study) 3. Exemplar problems NCERT https://ncert.nic.in/pdf/publication/exemplarproblem/classXII/chemistry/leep502.pdf PRACTICALS 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). 1.Determination of resistance of a conductor using meter bridge (Interdisciplinary concept) https://youtu.be/JTvzP7HrMxU - Meity Olabs 2. Exemplar problems NCERT https://ncert.nic.in/pdf/publication/exemplarproblem/classXII/chemistry/leep503.pdf 3. MCQ https://diksha.gov.in/play/content/do_3130908567573053441495?referrer=utm_source%3Dmobile%26utm_campaign%3Dshare_content
2	Unit III: Chemical Kinetics	1.Concept of integration and derivation of integral rate expression (inter disciplinary approach of Mathematics and chemistry) 2.Concept of probability and collision theory on rate of reaction (inter disciplinary approach of Mathematics and chemistry) 3.Exemplar problems NCERT https://ncert.nic.in/pdf/publication/exemplarproblem/classXII/chemistry/leep504.pdf PRACTICAL 1.To study experimentally the effect of concentration and temperature on the rate of reaction between Sodium thiosulphate and Hydrochloric acid.
3	Unit IV: d and f Block Elements Unit V: Coordination	1.Use of periodic table to explain position of d and f block elements. 2. Comparative study of lanthanoids and actinoids 3. Mind maps of chemical reactions of KMnO_4 and $\text{K}_2\text{Cr}_2\text{O}_7$ 4. Exemplar problems NCERT https://ncert.nic.in/pdf/publication/exemplarproblem/classXII/chemistry

	Compounds	/leep504.pdf PRACTICALS 2. Qualitative analysis 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^+ 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) 1. Exemplar NCERT https://ncert.nic.in/pdf/publication/exemplarproblem/classXII/chemistry/leep509.pdf
4	Unit VI: Haloalkanes and Haloarenes. Unit VII: Alcohols, Phenols and Ethers	1. Mind maps of organic reactions 2. Exemplar problems NCERT https://ncert.nic.in/pdf/publication/exemplarproblem/classXII/chemistry/leep510.pdf 1. Mind map of chemical reactions 2. Experimental demonstration of chemical properties of alcohols and phenols. 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 4. Chemical properties of Alcohols https://diksha.gov.in/play/content/do_3134757718354575361160?referrer=utm_source%3Dmobile%26utm_campaign%3Dshare_content 5. Exemplar problems NCERT https://ncert.nic.in/pdf/publication/exemplarproblem/classXII/chemistry/leep511.pdf 6. MCQ https://diksha.gov.in/play/content/do_313076023111417856110994?referrer=utm_source%3Dmobile%26utm_campaign%3Dshare_content PRACTICALS 1. Tests for the functional groups present in organic compounds: Unsaturation, alcoholic, phenolic, groups.
5	Unit VIII: Aldehydes, Ketones and Carboxylic Acids Unit IX: Amines	1. Mind maps of organic reactions 2. Demonstration of some chemical properties of carboxylic acids ePathasala 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

		rer=utm_source%3Dmobile%26utm_campaign%3Dshare_content 4. Test for aldehydes https://diksha.gov.in/play/content/do_31338232260381900812283?referrer=utm_source%3Dmobile%26utm_campaign%3Dshare_content 5. Exemplar problems NCERT https://ncert.nic.in/pdf/publication/exemplarproblem/classXII/chemistry/leep512.pdf 6. MCQ https://diksha.gov.in/play/content/do_3129960972655329281101?referrer=utm_source%3Dmobile%26utm_campaign%3Dshare_content PRACTICALS 1. Tests for the functional groups present in organic compounds: aldehydic, ketonic, groups and carboxylic acid group. Tests to distinguish between pair of compounds like a) phenol and carboxylic acids b) aldehydes and ketones 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 3. Preparation of diazonium salts https://diksha.gov.in/play/content/do_43134071698527846401948?referrer=utm_source%3Dmobile%26utm_campaign%3Dshare_content 4. Exemplar problems NCERT https://ncert.nic.in/pdf/publication/exemplarproblem/classXII/chemistry/leep513.pdf 5. MCQ https://diksha.gov.in/play/content/do_3129960973247119361100?referrer=utm_source%3Dmobile%26utm_campaign%3Dshare_content
6	Unit X: Biomolecules	1. PPT on structure and reactions of glucose 2. Monosaccharide: Glucose https://diksha.gov.in/play/content/do_43134071698528337921952?referrer=utm_source%3Dmobile%26utm_campaign%3Dshare_content 3. Exemplar problems NCERT https://ncert.nic.in/pdf/publication/exemplarproblem/classXII/chemistry/leep514.pdf PRACTICALS 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=1

	40&cnt=1 INVESTIGATORY PROJECT: a) Study of the presence of oxalate ions in guava fruit at different stages of ripening. b) Study of quantity of casein present in different samples of milk. c) Preparation of soybean milk and its comparison with the natural milk with respect to curd formation, effect of temperature, etc. d) Study of the effect of Potassium Bisulphate as food preservative under various conditions (temperature, concentration, time, etc.) e) Study of digestion of starch by salivary amylase and effect of pH and temperature on it. f) Comparative study of the rate of fermentation of following materials: wheat flour, gram flour, potato juice, carrot juice, etc. g) Extraction of essential oils present in Saunf (aniseed), Ajwain (carom), Illaichi (cardamom). h) Study of common food adulterants in fat, oil, butter, sugar, turmeric power, chili powder and pepper. Note: Any other investigatory project, which involves about 10 periods of work, can be chosen with the approval of the teacher.
--	--

Class- 12 th		Subject- MATHEMATICS
Sl. No.	Name of the chapter	Teaching Aids/E-Content/Innovative Practices to be adopted
1	1.Relation and Functions. 2. Inverse Trigonometric functions.	Use of Graph , https://ncert.nic.in/pdf/publication/exemplarproblem/classXII/matematics/leep201.pdf https://ncert.nic.in/pdf/publication/exemplarproblem/classXII/matematics/leep202.pdf
2	Matrices	https://ncert.nic.in/pdf/publication/exemplarproblem/classXII/matematics/leep203.pdf Use of PPT
3	Determinants	Practice Through Worksheets and PPT https://ncert.nic.in/pdf/publication/exemplarproblem/classXII/matematics/leep204.pdf
4	Continuity and Differentiability Application of derivatives.	Practice Through Worksheets and use of Graph https://ncert.nic.in/pdf/publication/exemplarproblem/classXII/matematics/leep205.pdf https://ncert.nic.in/pdf/publication/exemplarproblem/classXII/matematics/leep206.pdf
5	Integrals. Application of Integrals. Differential Equations	Use of Mind Map and Worksheets https://ncert.nic.in/pdf/publication/exemplarproblem/classXII/matematics/leep207.pdf https://ncert.nic.in/pdf/publication/exemplarproblem/classXII/matematics/leep208.pdf https://ncert.nic.in/pdf/publication/exemplarproblem/classXII/matematics/leep209.pdf
6	Differential Equations Continued Vectors Three-Dimensional	Use of 3-D space with using Internet https://ncert.nic.in/pdf/publication/exemplarproblem/classXII/matematics/leep210.pdf

	Geometry	
7	Linear Programming Probability	https://ncert.nic.in/pdf/publication/exemplarproblem/classXII/mathe-matics/leep212.pdf Data collection with involvement of class https://ncert.nic.in/pdf/publication/exemplarproblem/classXII/mathe-matics/leep213.pdf

Class- XII		Subject- Biology(044)
Sl. No.	Name of the Chapter/ Topic to be covered	Teaching aids/ e-Content/Innovative Practices to be adopted
1	Unit-VI Reproduction Chapter-1: Sexual Reproduction in Flowering Plants	Reproduction in flowering plants- https://diksha.gov.in/play/content/do_3129846783610060801133?referrer=utm_source%3Dmobile%26utm_campaign%3Dshare_content Sexual reproduction https://diksha.gov.in/play/collection/do_31310347538645811211491?referrer=utm_source%3Dmobile%26utm_campaign%3Dshare_content&contentId=do_31308591562860953612764 Models, Charts, Posters, Live Demonstration, Classroom activities, Experimentation, Art Integrated learning,, Videos, Mind maps Experiential learning- structure of anther,pollen grain,Anatropous ovule,embryo sacDisplay of parts of china rose flower,Temporary mount of pollen grain germination etc Art integration-drawing of colourful diagrams structure of anther,pollen grain,Anatropous ovule,embryo sac Interdisciplinary- Maths- How many pollen grains and ovules are likely to be formed in the anther and the ovary of an angiosperm bearing 25 microspore mother cells and megaspore mother cells respectively
	Chapter-2: Human Reproduction	Spermatogenesis- https://diksha.gov.in/play/collection/do_31310347538645811211491?referrer=utm_source%3Dmobile%26utm_campaign%3Dshare_content&contentId=do_31309425544036352011826 Oogenesis- https://diksha.gov.in/play/collection/do_31310347538645811211491?referrer=utm_source%3Dmobile%26utm_campaign%3Dshare_content&contentId=do_31309425544036352011826 Models, Charts, Posters, Art Integrated learning,, Videos, Mind maps Inclusive practices -: Students will study diagrams of Testes, ovary, blastula -will trace flow chart of hormonal control of reproductive system. -will discuss videos in group. -draw diagrams of reproductive system. -will practice questions from assignment Recapitulations -:

		Teacher will show unlabelled diagrams and will ask questions related to the labelling like a) label the part where fertilization occur ? b) part where male gamete is produced? Art integration -: students will draw diagrams of T.S testis, T.S ovary, spermatozoa, development upto implantation etc
	Chapter-3: Reproductive Health	Reproductive health- https://diksha.gov.in/play/collection/do_31310347538645811211491?referrer=utm_source%3Dmobile%26utm_campaign%3Dshare_content&contentId=do_31311775647845580811178 Contraception- https://diksha.gov.in/play/collection/do_31310347538645811211491?referrer=utm_source%3Dmobile%26utm_campaign%3Dshare_content&contentId=do_3131177358992261121314 Models, Charts, Posters, Art Integrated learning,, Videos, Mind maps Inclusive Practices-: will discuss content and share the information. observe the shared picture and videos. draw the diagrams and note down the important key words. Recapitulation -: Teacher will show unlabelled diagram and will ask question related to the labeling. Art integration -: will draw diagrams of amniocentesis, contraceptive devices

2	Unit-VII Genetics and Evolution Chapter-4: Principles of Inheritance and Variation	Chromosomal theory of inheritance- https://diksha.gov.in/play/collection/do_31310347538645811211491?referrer=utm_source%3Dmobile%26utm_campaign%3Dshare_content&contentId=do_3131006718436966401886 Genetic disorders: https://diksha.gov.in/play/collection/do_31310347538645811211491?referrer=utm_source%3Dmobile%26utm_campaign%3Dshare_content&contentId=do_3131006719557877761637 Models, Charts, Posters, Art Integrated learning,, Videos, Mind maps Inclusive Practices-: Students will solve different questions based on the crosses of various genetic phenomenon . - Students will read information related to genetic disorders and speak on it. -will perform activity of counting pea seeds with round & wrinkled shape to study law of segregation . Brainstorming-laws by Mendel Problem solving method- A tall plant with red flowers (dominant) is crossed with a dwarf plant with white flowers (recessive). Work out a dihybrid cross and state the dihybrid ratio. What will be the effect on the dihybrid ratio if the two genes are interacting with each other? Art integration--drawing of colourful crosses and pedigree chart
---	---	---

	Chapter-5: Molecular Basis of Inheritance	HGP – https://diksha.gov.in/play/collection/do_31310347538645811211491?referrer=utm_source%3Dmobile%26utm_campaign%3Dshare_content&contentId=do_3131006923336089601745 Lac operon- https://diksha.gov.in/play/collection/do_31310347538645811211491?referrer=utm_source%3Dmobile%26utm_campaign%3Dshare_content&contentId=do_3131006922787635201744 Models, Charts, Posters, Live Demonstration, CBSE Based Activities, Power Point Presentation, Documentary Videos, Classroom- LAB interaction under Project JIGYASA Inclusive Practices:- Students will observe and write key words, construct model of DNA, will read and discuss the content, draw the diagrams, give presentation on human genome project. RECAPITULATION:-Teacher will ask related questions to recapitulate the content. ART INTEGRATION -: - Students will create 3D model of DNA by using straws - draw diagram of transcription, translation, replication, lac operon etc
	Chapter-6: Evolution	Natural Selection- https://diksha.gov.in/play/collection/do_31310347538645811211491?referrer=utm_source%3Dmobile%26utm_campaign%3Dshare_content&contentId=do_31310424415926681612344 Models, Charts, Posters, Live Demonstration, CBSE Based Activities, Power Point Presentation, Documentary Videos, Classroom- LAB interaction under Project JIGYASA Inclusive Practices- -Students will correlate organs of various animals alongwith their functions. -Students will draw flow charts of adaptive radiations Students will prepare a table for human evolution with characteristics of species Art integration--drawing of colourful family tree of primates,flow chart of evolution of man

5	Unit-VIII: Biology and Human Welfare Chapter-7: Human Health and Diseases	Diseases- https://diksha.gov.in/play/collection/do_31310347538645811211491?referrer=utm_source%3Dmobile%26utm_campaign%3Dshare_content&contentId=do_3131148961375272961114 Models, Charts, Posters, Live Demonstration, CBSE Based Activities, Power Point Presentation, Documentary Videos, Classroom- LAB interaction under Project JIGYASA INCLUSIVE PRACTICES:-Students will study the content related to the various diseases. -Student will plan and act in the play to show drug abuse & its effect -will write the key words of various disease. - will write causative agents, symptoms & diagnostic test for various disease in tabular form. -will observe and discuss the shared videos Art integration--drawing of colourful diagrams and flow chart of life cycle of plasmodium and replication of HIV in host cell
	Chapter-8: Microbes in Human Welfare	Biogas production- https://diksha.gov.in/play/collection/do_31310347538645811211491?referrer=utm_source%3Dmobile%26utm_campaign%3Dshare_content&contentId=do_31320467271196672014449 Models, Charts, Posters, Live Demonstration, CBSE Based Activities, Power Point Presentation, Documentary Videos, Classroom- LAB interaction under Project JIGYASA INCLUSIVE PRACTICES:- - Students will observe pictures of microbes, make table of microbes and their uses in household and Industries. - will observe the shared video to study structure and working of bio gas plant. Recapitulations -: Teacher will ask student to complete the table of microbes used in Industries, household and agriculture. Art integration –will make model of biogas plant,draw diagram of biogas plant and sewage treatment. INNOVATIVE- Excursion-Visit to a village to see bio gas plant Project-Bio gas plant,sewage treatment plant

	Unit-IX Biotechnology and its Applications Chapter-9: Biotechnology - Principles and Processes	Processes of r-DNA technology- https://diksha.gov.in/play/collection/do_31310347538645811211491?referrer=utm_source%3Dmobile%26utm_campaign%3Dshare_content&contentId=do_31310642824066662413356 Models, Charts, Posters, Live Demonstration, CBSE Based Activities, Power Point Presentation, Documentary Videos, Classroom- LAB interaction under Project JIGYASA IN CLUSIVE PRACTICES-: will observe and isolate DNA from spinach extract. - - - observe and discuss the video and concept seen in the class group. make model of plasmid, structure of insulin participate in answering the questions. Recapitulations -:Teacher will ask questions like - - - Define biotechnology . List the features a plasmid should have. How can we make cell competent ? etc Art integration -: students will make - - - model of Plasmid by using clay. draw diagram of gene cloning, PCR etc, model of insulin to discuss its production by biotechnology INNOVATIVE- sample of some biotechnological product like milk, bread etc, picture of plasmid,PCR etc EXPERENTIAL LEARNING- activity of isolating DNA from spinach or onion extract will be done
6	Chapter-10: Biotechnology and its Applications	Transgenic organisms- https://diksha.gov.in/play/collection/do_31310347538645811211491?referrer=utm_source%3Dmobile%26utm_campaign%3Dshare_content&contentId=do_31310643329062502413316 Models, Charts, Posters, Live Demonstration, CBSE Based Activities, Power Point Presentation, Documentary Videos, Classroom- LAB interaction under Project JIGYASA Innovative practice -Informative Album on -transgenic plants and animals
	Unit-X Ecology and Environment Chapter-11: Organisms and Populations	Abiotic factors- https://diksha.gov.in/play/collection/do_31310347538645811211491?referrer=utm_source%3Dmobile%26utm_campaign%3Dshare_content&contentId=do_313114910727380992179 Models, Charts, Posters, Live Demonstration, CBSE Based Activities, Power Point Presentation, Documentary Videos INCLUSIVE PRACTICES-: Students will - observe the videos and answer the related questions asked by the teacher. - record and find out reading of population

		density. - draw the graph of population growth. RECAPITULATION -: Teacher will ask the type of population interaction in the various examples . - tell students to draw graphs of population growth. ART INTEGRATION -: - Construct a frame to find out population density by quadrant method. - draw graph of population growth. Hands on learning- Construct a frame to find out population density by quadrant method. Construct a frame to find out population density by quadrant method Interdisciplinary- IT-ppt on population interactions
7	Chapter-12: Ecosystem	Ecological pyramids- https://diksha.gov.in/play/collection/do_31310347538645811211491?referrer=utm_source%3Dmobile%26utm_campaign%3Dshare_content&contentId=do_3131149501240115201129 Models, Charts, Posters, Live Demonstration, CBSE Based Activities, Power Point Presentation, Documentary Videos Make coloured ecological pyramids with different food chains.
	Chapter-13: Biodiversity and its Conservation	Biodiversity conservation- https://diksha.gov.in/play/collection/do_31310347538645811211491?referrer=utm_source%3Dmobile%26utm_campaign%3Dshare_content&contentId=do_31320467860410368016492 Models, Charts, Posters, Live Demonstration, CBSE Based Activities, Power Point Presentation, Documentary Videos TEACHING AIDS AND INNOVATIVE PEDAGOGIC STRATEGIES -: - Smart class, picture of extinct and endangered species. - visual clues, peer to peer learning, interactive lecture, game.

	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 Introduction to web services: WWW, Hyper Text Markup Language (HTML), Extensible Markup Language (XML), Domain names, URL, website, web browser, web servers, web hosting.	✓ Detailed discussion ✓ Practical aspects ✓ Cross questions
6	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, 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.	DBMS Link Software: MySQL Workbench or any MySQL environment Tools: SQL Practice environments like SQLZoo, Codecademy for additional practice
7	Interface of python with an SQL database: connecting SQL with Python, performing insert, update, delete queries using cursor, display data by using connect(), cursor(), execute(), commit(), fetchone(), fetchall(), rowcount, creating database connectivity applications, use of %s format specifier or format() to perform query.	Software: MySQL Workbench or any MySQL environment

Class- 12 th		Subject- Informatics Practices
Sl. No .	Name of the chapter/Topic to be covered	Teaching Aids/E-Content/Innovative Practices to be adopted
1	Unit 1: Data Handling using Pandas and Data Visualization 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; Head and Tail functions; Selection, Indexing and Slicing. Data Frames: creation - from dictionary of Series, list of dictionaries, Text/CSV files; display; iteration;	e-book, PowerPoint presentation, images and videos.
2	Unit 1: Data Handling using Pandas and Data Visualization(Cond...) Operations on rows and columns: add, select, delete, rename; Head and Tail functions;	Explanation with practical implementation
3	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.	
4	Unit 2: Database Query using SQL Revision of database concepts and SQL commands covered in class XI . Math functions: POWER (), ROUND (), MOD (). Text functions: UCASE ()/UPPER (), LCASE ()/LOWER (), MID ()/SUBSTRING ()/SUBSTR (), LENGTH (), LEFT (), RIGHT (), INSTR (), LTRIM (), RTRIM (), TRIM ().	Software: MySQL Workbench or any MySQL environment
5	Unit 2: Database Query using SQL (Contd..) 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.	Tools: SQL Practice environments like SQLZoo, Codecademy for additional practice
6	Unit 3: Introduction to Computer Networks Introduction to networks, Types of network: 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.	✓ E-presentation. ✓ Detailed discussion ✓ Practical aspects ✓ Cross questions

7	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	Videos: Short videos explaining cybercrimes, intellectual property rights, and e-waste management
---	---	---

Class- 12 th Commerce		Subject- Accountancy (055)
Sl. No.	Name of the chapter/Topic to be covered	Teaching Aids/E-Content/Innovative Practices to be adopted
1	PART A - Unit 1: Accounting for Partnership Firms 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). Goodwill: meaning, nature, factors affecting and methods of valuation - average profit, super profit and capitalization.	Role Play of students regarding formation of partnership and their agreement based on previous knowledge. PPT, YouTube video. Worksheets Activity based teaching. NCERT Text books PPT, YouTube videos E content and work sheets Teaching Aids: Chart of Key Terms: Capital, drawings, interest, profit-sharing ratio. Comparison Table: Partnership vs Sole Proprietorship. E-Content: Explainer videos on basic terms and profit-sharing calculations. MCQs and quick quizzes on basics (Kahoot/Google Forms). Innovative Practices: Create a Partnership Agreement activity. Role Play: Students act as partners forming a firm https://drive.google.com/file/d/1zaGYEwvBpGkCya8-Gt37arYm6LZPGC_j/view?usp=sharing
2	Accounting for Partnership firms - Reconstitution and Dissolution. 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.	NCERT Text books PPT, YouTube videos E content and work sheets Teaching Aids: Diagrams showing sacrifice/gaining ratio. Step-by-step flowcharts for adjustments. E-Content: Animated videos explaining calculation of new ratios.

	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, treatment of reserves, accumulated profits and losses, adjustment of capital accounts and preparation of capital, current account and balance sheet.	Practice worksheets with auto-grading. Innovative Practices: Interactive ratio game: Students are given old/new ratios and must calculate adjustments. Group task: Solve real-case-based profit-sharing changes. https://drive.google.com/file/d/1gGzsb95RKRB87B9ysG7hCIQVG5Vx2vLe/view?usp=sharing Teaching Aids: Visual flowchart: Steps involved in admission. Flashcards: Goodwill treatment, revaluation, capital adjustments. E-Content: Simulation video on admitting a new partner. Drag-and-drop activities on journal entries. Innovative Practices: Mock Admission Role Play: Simulate a new partner entering a business. Business Scenario Projects: Groups prepare accounts for a fictional partnership admission. https://diksha.gov.in/play/content/do_3133520024658984961980
3	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. 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	NCERT Text books PPT, YouTube videos, E content and work sheets Teaching Aids: Charts for treatment of goodwill, capital adjustments, and settlement. Sample questions on retiring partner account. E-Content: Case-based videos with animation on settlement accounts. Templates for solving revaluation accounts and gaining ratio. Innovative Practices: Timeline Activity: Map steps followed during retirement. Story-based learning: Create a narrative where a partner retires or passes away and apply accounting treatment. https://diksha.gov.in/nios/play/content/do_313253

	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)).	601854668800126944?contentType=eTextBook https://diksa.gov.in/nios/play/content/do_313067385198854144110809?contentType=PracticeQuestionSet Teaching Aids: Flowcharts for order of asset realization and liability settlement. Real-life examples (case studies of dissolved businesses). E-Content: Video tutorials on journal entries and preparation of realization account. Interactive dissolution quiz. Innovative Practices: Classroom Simulation: Enact the process of dissolution with real assets/liabilities. "What Went Wrong?" Analysis: Students study a failed business and report causes and accounting effects.
4	Unit-2 Accounting for Companies Accounting for Share Capital Features and types of companies Share and share capital: nature and types. 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 interest), issue of shares for consideration other than cash. 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.	NCERT Text books PPT, YouTube videos E content and work sheets Step-by-step flowcharts: Issue of shares – application, allotment, calls. Table Charts: Terms like authorized, issued, subscribed, called-up, and paid-up capital. Sample Share Application Forms E-Content: Animated videos: Showing the process of share issue, forfeiture, and reissue. Interactive PPTs: Covering journal entries with visual aids. Online quizzes: On concepts like oversubscription, pro-rata allotment, forfeiture. Innovative Practices: Role Play: Simulate a company issuing shares, students take up roles (applicant, company secretary, accountant). Case Study Creation: Let students design a scenario with share issue & forfeiture. https://diksa.gov.in/nios/play/content/do_313253

		601947410432126948?contentType=eTextBook
5	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. 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) Financial Statement Analysis: Meaning, Significance Objectives, importance and limitations. Tools for Financial Statement Analysis: Comparative statements, common size statements, Ratio analysis, Cash flow analysis.	NCERT Text books PPT, YouTube videos E content and work sheets Teaching Aids: Mind maps: Types of debentures – bearer, convertible, secured, etc. Flowcharts: Issued at par/premium/discount and redeemable at par/premium. Debenture Certificates (sample/mock) E-Content: Video Tutorials: With examples on journal entries and terms used. Google Sheets: Debenture interest calculation templates. Digital Flashcards: Key terms and formats (interest, discount, loss on issue, etc.) Innovative Practices: Debenture Journal Game: Teams solve journal entry puzzles with points awarded. "Debenture Detective" Activity: Students analyze a company's balance sheet to identify debenture-related entries. Company Prospectus Project: Create a mock prospectus that includes debenture issue. Teaching Aids: Format Charts: Vertical format of Balance Sheet and Statement of P&L (as per Schedule III). Flashcards: Items of assets, liabilities, incomes, and expenses. Mock Annual Report Pages: Highlighting components of real company reports. E-Content: Interactive Slides: Annotated formats of financial statements. Videos: Explaining the classification of items and structure of company financials. Digital Worksheets: Drag & drop activities to classify balance sheet items. Innovative Practices:

		Balance Sheet Labelling Game: Students label an unorganized format correctly. Group Activity: Prepare a mock financial statement for a fictional company. Reverse Engineering: Give students a filled statement and ask them to identify how it was prepared. https://diksha.gov.in/play/content/do_3131148305366302721237 Teaching Aids: Side-by-side Format Charts: Comparative vs Common Size examples. Case Cards: Containing financial data of 2 years. E-Content: Interactive PPTs: With animation to show horizontal and vertical analysis. Digital Templates: To input and auto-generate common size/comparative statements. Innovative Practices: Compare the Brands: Use real financial data (like HUL vs Nestle) and create comparative statements. Common Size Poster Project: Visual display of common size income statement or balance sheet.
6	Accounting Ratios: Meaning, Objectives, Advantages, classification and computation. Liquidity Ratios: Current ratio and Quick ratio. Solvency Ratios: Debt to Equity Ratio, Total Asset 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	NCERT Text books PPT, YouTube videos E content and work sheets Teaching Aids: Formula Charts: For liquidity, solvency, activity, and profitability ratios. Flashcards: For interpreting ratios with real-world examples. E-Content: Video Solvers: Walkthroughs of step-by-step calculations. Ratio Practice Tools: Excel-based ratio calculators. Animated Explainers: For visual learners to see what each ratio means in real terms. Innovative Practices: Ratio Relay: Teams solve ratio problems in

	Investment. Unit 4: Cash Flow Statement Meaning, objectives Benefits, Cash and Cash Equivalents	rounds. "Decode the Company" Challenge: Match a company to a set of ratios. Interactive Ratio Dashboard: Students prepare a dashboard of key ratios from a case. https://drive.google.com/file/d/1yAtZzy35q4l1dUSv5GldFd4dqvNI6ymf/view?usp=sharing PPT, YouTube video. Worksheets Activity based teaching. Specific Project
7	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.	Teaching Aids: Cash Flow Tree Diagrams: To show classification of cash flows. Ledger Cards: Showing accounts to decide operating, investing, or financing. E-Content: Solved Examples in Video Format: With explanation of indirect method. Templates in Excel/Google Sheets: For auto-classification and calculation. Interactive Classifier Tools: Drop an item into the correct category. Innovative Practices: "Cash Flow Detective": Students classify each transaction into the correct category. Real Company Exercise: Use actual company reports to trace and prepare a cash flow. Build a Flow Game: Students compete to prepare a correct cash flow statement in teams. Sample Paper issued by CBSE
8	Revision for CBSE Examination	https://cbseacademic.nic.in/web_material/CurriculumMain26/SrSec/Accountancy_SrSec_2025-26.pdf

		components. E-Content: News Clips and Articles: Analyzing events like budget announcements, FDI policies. Interactive PPTs: Include clickable case examples for each environment factor.
2	Planning	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 Students will Describe objectives, policies, etc Introducing real life Examples and Question answer session Flowcharts/Timelines: Visualize the steps in the planning process. Goal Setting Templates: Use SMART goals worksheets. Case Study: "How a company like Amazon plans its expansion." E-Content: Animated Videos: Illustrating the importance of planning in business success/failure. Google Docs/Slides Collaboration: Students work on creating a plan for a new product launch. Innovative Practices: Business Plan Activity: Students develop a mini business plan. Scenario Planning Exercise: Give students changing scenarios; they adjust plans accordingly. Vision Board Creation: Aligning planning with goals visually.
3	Organising	Introducing real life Examples and Question answer session Describe functional and divisional structures of organization with the examples of departments of organization Org Charts (Blank & Filled): Let students create organization charts for imaginary businesses. Role Assignment Game: Allocate roles to demonstrate departmentalization. "Build a Company" Activity: Students decide departments, assign roles, and create an organizational structure. Real-World Org Chart Analysis: Analyze how a real company (like Flipkart) is structured. https://drive.google.com/file/d/1UAiFqMrWwcB2J09O0GLQU2ibf6MVt6bf/view?usp=drivesdk PPT and Digital Content would be shared

	Staffing	Interview Role-Plays: Students act as recruiters and candidates. Staffing Lifecycle Diagrams: Visual guides to the staffing process. E-Content: Video Clips: HR interviews, training modules, onboarding practices. Job Portals Analysis: Browse jobs on LinkedIn/Naukri to understand staffing needs. Innovative Practices: Resume Building Workshop: Students create their own CVs. Mock Interviews: Practice sessions for both interviewers and interviewees. Design a Job Ad: Students create and present ads for different positions.
4	Directing	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 Develop an understanding of Maslow's Hierarchy of needs. Discuss the various financial and non-financial incentives with real life examples Teaching Aids: Communication Flow Charts: To demonstrate types of communication in an organization. Leadership Style Cards: Discuss different styles and match with real-life leaders. E-Content: Motivational Speeches (Videos): e.g., Steve Jobs at Stanford. Leadership Quizzes/Simulations: Assess leadership and communication styles. Innovative Practices: Motivation Toolkit Activity: Groups suggest ways to motivate employees in different scenarios. Team Leadership Challenge: Small teams complete tasks under a "student leader."
	Controlling	Explain the concept & importance of controlling. 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. Worksheets "Quality Check" Activity: Assign students to monitor class activity and give feedback. Budget Control Simulation: Give mock budgets and situations to manage expenses.

	Marketing Management	News Analysis: Students pick financial headlines and explain their market impact. Role Play: Students act as investors, brokers, regulators, etc. 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 Work sheet and MCQ and case study problems to be given to the students Teaching Aids: 4Ps Poster/Flashcards: Product, Price, Place, Promotion. Product Life Cycle Diagrams: Show stages from introduction to decline. Packaging & Branding Samples: Real or mock product packaging. E-Content: Advertisement Analysis Videos: Break down famous marketing campaigns. PPTs with Brand Case Studies: E.g., Amul, Coca-Cola, Nike. Online Tools: Canva for designing ads and promotional material. Innovative Practices: Ad-Making Competition: Students design and pitch a marketing campaign. Product Launch Simulation: Groups create product strategies using the 4Ps.
6	Marketing Management (Contd.) Consumer Protection	https://drive.google.com/file/d/1Ay0POYKzRfW23xdzmkFrwaCY47spKjzO/view?usp=drivesdk 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 NCERT Text book, PPT, YouTube videos and E content and work sheets Mind map of chapter will help the students to recapitulation Teaching Aids: Consumer Rights Posters: Highlight 6 consumer rights. COPRA Chart: Key provisions of the Consumer Protection Act. Complaint Form Templates: Demo of how to file consumer complaints. E-Content: Documentary Clips: Consumer scams or legal action taken. Interactive Scenarios: "What should the consumer do?" type role-play.
7	Consumer	NCERT Text book ,PPT, YouTube videos and E content and work sheets

	Protection (Contd.) Revision for Pre Board	Innovative Practices: Mock Consumer Court: Students act out a real or fictional consumer case. Consumer Awareness Campaign: Design posters, slogans, jingles. Street Play or Skit: Depict consumer exploitation and rights. Mind map of chapter will help the students to recapitulation
8	Revision for Pre Board CBSE Practical 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
9	Revision for Board Exam	https://cbseacademic.nic.in/web_material/CurriculumMain26/SrSec/BusinessStudies_SrSec_2025-26.pdf
10	Revision for Board Exam	https://cbseacademic.nic.in/web_material/QuestionBank/ClassXII/BusinessStudiesXII.pdf
11	Revision for Board Exam	https://cbseacademic.nic.in/web_material/Circulars/2012/77_BS_C-12_annexure.pdf

Class- XII		Subject- ECONOMICS
Sl. No.	Name of the chapter/Topic to be covered	Teaching Aids/E-Content/Innovative Practices to be adopted
1	Part A: Introductory Macroeconomics Unit 1: National Income and Related Aggregates 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	PPT Presentation, Quiz mind map, flowchart and selection of topic for project work. https://diksha.gov.in/play/collection/do_3131034754331115521988?contentId=do_31307971129532416018352
2	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. Money creation by the commercial banking system. 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.	PPT Presentation, Competency based questions, Case study on impact and effect of Repo Rate change. Collection of material related to project and review of literature https://diksha.gov.in/play/collection/do_3132247019818434561756?contentId=do_3132245099286118401377
3	Part B: Indian Economic Development Unit 6: Development Experience (1947-90) and Economic Reforms since 1991 A brief introduction of the state of Indian economy on the eve of independence. Indian economic system and common goals of Five Year Plans. Main features, problems and policies of agriculture (institutional aspects and new agricultural strategy), industry (IPR 1956; SSI – role & importance) and foreign trade Unit 6: Economic Reforms 1991 Features and appraisals of liberalisation, globalisation and privatisation (LPG policy);	Use of PPT Presentation, MCQs related to this topic and Quizzes

	Concepts of demonetization and GST	
4	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. 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. 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	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?contentId=do_31308784876277760013314 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?contentId=do_31311197655386521611106
5	Unit-7 Current challenges facing Indian Economy continued Rural development: Key issues - credit and marketing - role of cooperatives; agricultural diversification; alternative farming - organic farming Employment: Growth and changes in work force participation rate in formal and informal sectors; problems and policies Sustainable Economic Development: Meaning, Effects of Economic Development on Resources and Environment, including global warming	Use of PPT Presentation, Case Study, Competitive based questions, MCQs Transforming Rural India, Ministry of Rural Development Government of India
6	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	Use of PPT Presentation, Case Study, Debate, and Value based questions. https://diksha.gov.in/pla

	unemployment. Problems of excess demand and deficient demand; measures to correct them - changes in government spending, taxes and money supply.	y/collection/do_3131034754331115521988?contentId=do_3130881157936087041739
7	Unit 8: Development Experience of India: A comparison with neighbours India and Pakistan India and China Issues: economic growth, population, sectoral development and other Human Development Indicators	Compare different development indicators of India, Pakistan and China

Class: 12		Subject: Geography
Sr. No.	Name of the chapter & topic to be covered	Teaching aids/ E-content/ Innovative Practices to be adopted
1.	Fundamentals of Human Geography 1: Human Geography Nature and Scope 2: The World Population: Distribution, Density and Growth 3: Human Development India: People and Economy 1: Population: Distribution, Density, Growth, and Composition Map Content 1: State with highest population density & state with lowest population density (2011)	Wall Maps, Atlas, Globe, 3 D models, PPT Case Studies
2.	India: People and Economy 2: Human Settlement Practical Work in Geography II 1: Data, Its Source and Compilation	Wall Maps, Atlas, Globe, 3 D models PPT Case Studies
3.	Fundamentals of Human Geography 4: Primary Activities 5: Secondary activities India: People and Economy 3: Land Resources and Agriculture Map Content 1: Areas of subsistence gathering 2: Major areas of nomadic herding of the world 3: Major areas of commercial livestock rearing 4: Major areas of extensive commercial grain farming 5: Major areas of mixed farming of the World 6: Leading producing states of the following crops: (a) Rice (b) Wheat (c) Cotton (d) Jute (e) Sugarcane (f) Tea and (g) Coffee	Wall Maps, Atlas, Globe, 3 D models PPT Case Studies
4.	Fundamentals of Human Geography 6: Tertiary and Quaternary Activities India: People and Economy 4: Water Resources 5: Minerals and Energy Resources Practical Work in Geography II 2: Data Processing Map Content Mines: Iron-ore mines: Mayurbhanj, Bailadila, Ratnagiri, Bellary · Manganese mines: Balaghat, Shimoga Copper mines: Hazaribagh, Singhbhum, Khetari	Wall Maps, Atlas, Globe, 3 D models PPT Case Studies

	Bauxite mines: Katni, Bilaspur and Koraput Coal mines: Jharia, Bokaro, Raniganj, Neyveli Oil Refineries: Mathura, Jamnager, Barauni	
5.	Fundamentals of Human Geography 7: Transport, communication and trade India: People and Economy 6: Planning and sustainable development in Indian Context Practical Work in Geography II 3: Geographical Represent of data Map Content 1: Terminal Stations of Transcontinental Railways Trans-Siberian, Trans Canadian, Trans-Australian Railways 2: Major Sea Ports Europe: North Cape, London, Hamburg North America: Vancouver, San Francisco, New Orleans South America: Rio De Janeiro, Colon, Valparaiso Africa: Suez and Cape Town Asia: Yokohama, Shanghai, Hong Kong, Aden, Karachi, Kolkata Australia: Perth, Sydney, Melbourne 3: Major Airports Asia: Tokyo, Beijing, Mumbai, Jeddah, Aden Africa: Johannesburg & Nairobi Europe: Moscow, London, Paris, Berlin and Rome North America: Chicago, New Orleans, Mexico City South America: Buenos Aires, Santiago Australia: Darwin and Wellington Inland Waterways Suez Canal, Panama Canal, Rhine waterways and St. Lawrence Seaways	Wall Maps, Atlas, Globe, 3 D models PPT Case Studies
6.	Fundamentals of Human Geography 8: International Trade India: People and Economy 7: Transport and Communication 8: International Trade Map Content Major Sea Ports: Kandla, Mumbai, Marmagao, Kochi, Mangalore, Tuticorin, Chennai, Vishakhapatnam, Paradwip, Haldia International Airports: Ahmedabad, Mumbai, Bengaluru, Chennai, Kolkata, Guwahati, Delhi, Amritsar, Thiruvananthapuram & Hyderabad.	Wall Maps, Atlas, Globe, 3 D models PPT Case Studies
7.	India: People and Economy 9: Geographical Perspective on selected issues and problems Revision	Wall Maps, Atlas, Globe, 3 D models PPT Case Studies

8.	Practical Work in Geography II 4: Spatial Information Technology	Wall Maps, Atlas, Globe, 3 D models PPT Case Studies
----	--	---

Class- 12th		Subject- HISTORY
Sr. No.	Name of the chapter/Topic to be covered	Teaching Aids/E-Content/Innovative Practices to be adopted
1	BRICKS, BEADS AND BONES The Harappan Civilisation Broad overview: Early urban centres. Story of discovery: Harappan civilization. Excerpt: Archaeological report on a major site. Discussion: how it has been utilized by archaeologists/ historians.	Illustrate how archaeological excavations are under taken
	KINGS,FARMERS AND TOWNS:Early States and Economics(C.600 BCE-600 CE) Broad overview: Political and economic history from the Mauryan to the Gupta period. Story of discovery: Inscriptions and the decipherment of the script. Shifts in the understanding of political and economic history. Excerpt: Asokan inscription and Gupta period land grant.	
2	KINGS,FARMERS AND TOWNS:Early States and Economics(C.600 BCE-600 CE) Discussion: Interpretation of inscriptions by historians.	Use of Archaeological Evidence Videos and Narration method to bring an understanding of the trends.
3	KINSHIP, CASTE AND CLASS, Early Societies (C.600 BCE TO 600 CE) Broad overview: Issues in social history, including caste, class, kinship and gender. Story of discovery: Transmission and publications of the Mahabharata. Excerpt: From the Mahabharata, illustrating how it has been used by historians. Discussion: Other sources for reconstructing social history.	Debate and Group discussion condition of women during Mahabharata age.
	THINKERS, BELIEFS AND BUILDINGS Cultural Developments (C.600 BCE to 600 CE) Broad overview: (a)A brief review of religious histories of Vedic religion, Jainism, Vaisnavism, Saivism. (b)Focus on Buddhism. Story of discovery: Sanchi stupa. Excerpt: Reproduction of sculptures from Sanchi. Discussion: Ways in which sculpture has been interpreted by historians, other sources for reconstructing the history of Buddhism.	Us of flow chart and Tabular columns to compare the major religions in ancient India.
4	THROUGH THE EYES OF TRAVELLERS perceptions of Society (c.tenth to seventeenth century) Broad Overview: Outline of social and cultural life as they appear in travellers' accounts. Story of their	Reading the text for knowing the traveller's accounts which is the source of social history.

	writings: A discussion of where they travelled, why they travelled, what they wrote, and for whom they wrote. Excerpts: from Alberuni, Ibn Batuta, Bernier. Discussion: What these travel accounts can tell us and how they have been interpreted by historians	
	BHAKTI –SUFİ TRADITIONS Change in Religious Beliefs and Devotional Texts (c.eighth to eighteenth century) Broad Overview: (a)Outline of religious developments during this period. (b)Ideas and practices of the Bhakti-Sufi saints. Story of Transmission: How Bhakti-Sufi compositions have been preserved Excerpt: Extracts from selected Bhakti Sufi works. Discussion: Ways in which these have been interpreted by historians.	Use chronological order to track the developments. Group discussion on the value impact.
5	AN IMPERIAL CAPITAL: VIJAYNAGARA (c.fourteenth to sixteenth century) Broad Overview: (a)Outline of new buildings during Vijayanagar period — temples, forts, irrigation facilities. (b)Relationship between architecture and the political system. Story of Discovery: Account of how Hampi was found. Excerpt: Visuals of buildings at Hampi. Discussion: Ways in which historians have analysed and interpreted these structures.	View documentary Videos and observe Pictures on architecture.
	PEASANTS, ZAMINDARS AND THE STATE Agrarian Society and the Mughal Empire (c. sixteenth seventeenth centuries)	Create a venn diagram or a table and compare the changes during the 16th and 17th century.
6	COLONIALISM AND THE COUNTRYSIDE Broad overview: (a)Life of zamindars, peasants and artisans in the late 18th century. (b)East India Company, revenue settlements and surveys. (c)Changes over the nineteenth century. Story of official records: An account of why official investigations into rural societies were undertaken and the types of records and reports produced. Excerpts: From Firminger’s Fifth Report, Accounts of Francis Buchanan-Hamilton, and Deccan Riots Report. Discussion: What the official records tell and do not tell, and how they have been used by historians	List the problems for understanding the lives of the people. Classify the records and reports.
	REBELS AND THE RAJ:1857 Revolt and its Representations Broad Overview:	Problem solving method to question the events and suggest actions.

	(a) The events of 1857-58. (b) How these events were recorded and narrated Excerpts: Pictures of 1857. Extracts from contemporary accounts. Discussion: How the pictures of 1857 shaped British opinion of what had happened.	
	MAHATMA GANDHI AND THE NATIONALIST MOVEMENT Civil Disobedience and Beyond Broad Overview: (a) The nationalist movement 1918-48, (b) The nature of Gandhian politics and leadership. Focus: Mahatma Gandhi in 1931. Excerpts: Reports from English and Indian language newspapers and other contemporary writings. Discussion: How newspapers can be a source of history.	Collaborate and create a timeline of the movement.
7	FRAMING THE CONSTITUTION The Beginning of a New Era Broad Overview: (a) Independence and the new nation state. (b) The making of the Constitution. Focus: The Constitutional Assembly debates.	Timeline activity of the Constitution development.



तत् त्वं पूषन् अपावृणु
केन्द्रीय विद्यालय संगठन

केन्द्रीय विद्यालय संगठन
Kendriya Vidyalaya Sangathan

18, संस्थागत क्षेत्र, शहीद जीत सिंह मार्ग, नई दिल्ली-110016
18, Institutional Area, Shaheed Jeet Singh Marg, New Delhi-110016



<https://kvsangathan.nic.in/>



@KVSHQ



@KVS_HQ



@kvshqr



KVS HQ

