PM SHRI KENDRIYA VIDYALAYA VYASNAGAR

HOLIDAY HOME-WORK LIST CLASS WISE

CLASS: III

ENGLISH	1. *My Mini Dictionary*: Make a small dictionary. Arrange words from A to Z with at least 6–7 words for each letter. Write simple meanings. 2. *Grammar Practice*: Write 10 nouns, 10 verbs, and 10 adjectives. 3. *Paragraph Writing*: Write 8–10 sentences on any _one_ topic daily: - My Favourite Game - My Best Friend - My Summer Holidays - My School - My Family 4. *Poster Making*: Make a poster on “Cleanliness and Safe Environment”. 5. *Reading Practice*: Read 10–12 lines daily. 6. *Handwriting*: Write 1 page of paragraph handwriting daily. <u>MDP THEME - WATER</u> Write a note on "A day without water ". Write a story on "A drop of water". Make atleast 5 Posters with Slogans on Water Conservation
HINDI	1. अ से अं तक की मात्राओं का उपयोग करते हुए 4-4 शब्द लिखें| 2. अपने प्रिय जानवर पर 10 पंक्तियाँ लिखें | 3. चींटी की सुंदर चित्र बनाकर पुस्तक में दी हुई कविता लिखें और याद करें 4. निम्न शब्दों के समान लय वाले (तुकांत) 2-2 शब्द लिखें| रोना, नाम, माला, पानी, रात, आना, मेला, कम, जाल, तीर 5. निम्न शब्दों के बहुवचन लिखें| केला, लड़का, छाता, आँख, बूँद, बकरी, गाड़ी, चादर, टोपी, चिड़िया 6. निम्न शब्दों के स्त्रीलिंग शब्द लिखें| लड़का, राजा, मोर, चूहा, बंदर, चाचा, दादा, शिक्षक, बेटा, शेर 7. १-५० तक की गिनती लिखें
MATH	1.Write and learn multiplication table from 2-20.(In a separate notebook) 2.Make a paper scale of 20 cm. 3.Take 10 different 2-digit numbers and write them in expanded form. Art-Integrated Project Project Title: "Shape City"

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	Project Details: 1. Students will create a city using different shapes. 2. They will identify and label various shapes in their city (e.g. cube, cuboids, cylinder etc.). 3. Students can use various materials like paper cutouts, paint, or drawing tools. MULTIDISCIPLINARY PROJECT THEME: WATER ACTIVITIES FOR MATHEMATICS. Activity-1 . Daily Water Consumption Survey - - Activity: Track how much water your family uses in 1 day for drinking, bathing, washing, etc. - Maths: Addition of litres, find total consumption, compare which activity uses most water. Activity-2 - Skill: Measurement, Data collection, Comparison Map Skills: Rivers of India - Classes 6-8 - Activity: On India map, mark 5 major rivers and their lengths. - Maths: Compare lengths, arrange in ascending order, find difference between longest and shortest, use scale to calculate actual distance. - Skill: Large numbers, Scale, Ordering, Subtraction
TWAU	1. Prepare and maintain a 1 week diary of how you helped your family at home (e.g., setting the table, watering plants). 2. Write about a mela or fair you have visited. How did you go? What did you see? What did you eat? Who went with you?
COMPUTER	1. Write the following in your Computer Homework Copy neatly: a. Parts of a Computer b. Uses of Computer c. Input and Output Devices d. Steps to Start and Shut Down a computer.

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CLASS: IV

ENGLISH	1. Daily Reflection: Write daily - Today's weather - One new thing learned every day 2. My Mini Dictionary: Create a small dictionary - Write words A to Z with meaning - 5–7 words for each letter 3. Poster Making: Make a poster on - Save Water

	- Clean India 4. Story Writing: Write a short story - 8–10 lines 5. Letter Writing: Write a letter to your friend about your holidays 6. Handwriting: Write 1 page daily 7. Newspaper Activity: Read newspaper daily and write 5–7 new words/ideas you learned NOTE: Make another copy for Holiday Homework. <u>MULTI DISCIPLINARY PROJECT</u> A: Family Tree – Paste pictures of family members. Write 2–3 sentences about each member below their photo. B: My Family Paragraph– Write 8–10 lines on "My Family" with a family drawing. C: Family Rules Chart – Make a chart of 5 rules followed in your family. Example: We eat together; we help each other. D: Thank You Card– Make a card for your parents/grandparents and write why you love them.
HINDI	1. अपने पसंदीदा पक्षी का चित्र बनाकर उसके बारे में 10 पंक्तियाँ लिखें| 2. १-५० तक की गिनती संख्या व शब्दों में लिखें| 3. हरदिन एक पृष्ठ सुलेख लिखें| 4. निम्न शब्दों से वाक्य बनाए| खुश, जंगल, शरारती, सुबह, मित्रता, क्रोध, अच्छाई, अस्पताल, मिठास और ईमानदारी 5. निम्न शब्दों के दो-दो पर्यायवाची शब्द लिखें| पानी, पक्षी, दिन, फूल, संसार, आदमी, आसमान, सूरज, बारिश और हवा निम्न विशेषणों का उपयोग करते हुए २-२ वाक्य बनायें| मेहनती, चतुर, बहादुर, पहला, कच्चा
MATH	1) Write and learn Multiplication table 2 – 25 for 5 times. 2) Make twenty 7-digit numbers of your own and write their names in Indian number system. 3) Prepare a model of any monument/building using 3-D shapes like cylinder, cubes, cuboids, arches, etc. (e.g. Konark Temple, India gate etc.) 4) Prepare 3D model of triangular prism, square prism, triangular pyramid and square pyramid using straws. 5) Write the differences between pyramid and prism. (inA4 sheet) **MULTIDISCIPLINARY PROJECTS SESSION 2026-27** **TOPIC: FAMILY** ACTIVITIES FOR MATHEMATICS: 1. Family Tree & Data Handling - - Activity: Draw your family tree and write the age of each member. - Maths: Addition/subtraction of ages, find youngest/oldest, calculate average age of family.

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	2. Monthly Family Budget Analysis - - Activity: Prepare a monthly budget chart of your family: groceries, electricity, school fees, entertainment. - Maths: Calculate AMOUNT of each expense, draw pie chart/bar graph, find savings.
TWAU	Dear Students, Summer vacation is finally here! This is a wonderful time to step away from your textbooks and explore the amazing world around you. Your holiday homework this year is designed to turn you into a young scientist, an artist, and a guardian of nature. 🌿 **1. Project: "The Green Guardian"** ● **The Task:** Find a small discarded container (like a plastic bottle or an old mug) and plant a seed—green gram (Moong), mustard, or coriander work best. ● **Observation Log:** In your scrapbook, create a "Growth Diary." Every Sunday, measure the height of your plant using a ruler and draw a sketch of how it looks. ● **The Challenge:** Note down what happens if you move the plant away from the window or forget to water it for two days. What does the plant tell you about its needs? 💧 **2. Project: "The Water Audit"** ● **The Task:** Since summers are very hot and water is precious, you are now the **Water Inspector** of your home. ● **Activity:** Observe how your family uses water for one week. Create a simple table showing daily usage (Bathing, Cleaning, Watering Plants). ● **The Challenge:** Brainstorm and implement three "Water Saving Tricks" (e.g., using a bucket instead of a hose, or reusing kitchen water for plants). Write down how many liters you think you saved! 🗺️ **3. Project: "Mapping My Territory"** ● **The Task:** Develop your spatial skills by drawing a colorful map of your neighbourhood. ● **Details:** Start with your house at the centre. Include landmarks like the local temple, a grocery shop, a big tree, or a park. ● **Geography Skills:** Use symbols for different objects (a green triangle for a tree, a blue square for a water tank) and include a **Compass Rose** showing North, South, East, and West. 🐓 **4. Project: "Nature's Cafe"** ● **The Task:** Help our feathered friends beat the heat. Place a shallow earthen bowl of fresh water and some grains on your balcony or in your courtyard. ● **Wildlife Journal:** Sit quietly for 15 minutes each morning and watch. Which birds visit? What color are they? Can you mimic their chirping? Draw the most frequent visitor in your scrapbook. 🎨 **5. Project: "Best from Waste" (Innovation)**

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	• **The Task:** Instead of buying new toys, use your creativity to recycle. Use old newspapers, cardboard boxes, or plastic caps to create something useful. • **Ideas:** A handmade bird feeder, a DIY pen stand, or even a cardboard model of a house that stays cool in the summer. Be ready to explain your invention to the class! **Instructions for Parents:** • **Encourage Independence:** Please guide your child, but let them do the planting, drawing, and observing themselves. It builds confidence and curiosity. • **Safety First:** Ensure children are supervised if they are using scissors or exploring outdoor areas. • **Submission:** All observations, drawings, and logs should be compiled into a single **"Summer Discovery Scrapbook."** This will be showcased in our class exhibition during the first week of school. **Wishing you a safe, cool, and productive summer break!** *Best regards,* **Your subject Teacher**
COMPUTER	1. Write the following questions and answers neatly in your Computer Homework Copy: A. What is a computer? B. Name any four parts of a computer. C. What is hardware and software? D. Difference between input and output devices. E. What are the uses of a computer?

CLASS: V

ENGLISH	1.write a paragraph (50-80 words)' Clean Environment" in your English copy.
HINDI	1. अगर आपको एक दिन का राजा बना दिया जाए तो आप क्या -क्या करोगे । अपने शब्दों में लिखो ।
MATH	1. Write the number name: a) 45,678, b) 90,305, c) 12,040, d) 78,999 2. Write in numerals: a) Forty-five thousand six hundred twelve b) Ninety thousand eight c) Seventy-six thousand three hundred five d) Fifty thousand fifty 3. Place Value: Write the place value of the underlined digit a) 4̲5,678, b) 78,9̲45, c) 6̲7,890, d) 12,3̲45 4. Expanded Form: a) 56,789 = _____, b) 90,456 = _____, c) 12,345 = _____ 5. Addition:

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	a) 45,678 + 23,456 = _____ b) 78,905 + 11,234 = _____ 6.Subtraction: a) 67,890 – 23,456 = _____ b) 90,000 – 45,678 = _____ 6.Multiplication: a) 345 × 23 = _____ b) 567 × 14 = _____ 6.Division: a) 4,560 ÷ 5 = _____ b) 9,876 ÷ 4 = _____ 6. Solve: a) A factory made 45,678 toys and sold 23,456. How many are left? b) A school has 12,345 boys and 13,210 girls. Find total students. c) A shopkeeper earns ₹56,780 in a week. How much in 2 weeks? 7. Write the larger fraction: a) ¾ ___ 2/4 b) 5/6 ___ 4/6 c) 4/7_____4/9 d) 1/5_____3/5 11.Compare using >, < or =: a) 2/5___ 3/5 b) 4/7 ___ 6/7 c) 5/9 ___ 5/6 d) 4/11_____4/15 8. Arrange in ascending order: a) ¼, ¾, ¼ , b) 5/6, 2/6, 4/6, c) 6/9,6/15,6/12, d) 13/20,13/15,13/19 9. Word Problem: Riya ate 3/8 of a cake and her brother ate 5/8. Who ate more? 10. Find: a) 3/4 of 24, b) 1/9 of 45, c) 7/11 of 99, d) 4/7 of 49 11. Find 4 equivalent fractions of : a) 2/3=, b) 4/7 =
TWAU	1. Draw the water cycle and explain it briefly. 2. Draw a Indian map and show the different river direction on it
COMPUTER	1. Write the answers neatly in your Computer Homework Copy: A. What is a computer? Explain its characteristics. B. Difference between hardware and software. C. Name different types of software. D. What are input, output, and storage devices? Give examples. C. What is the importance of computers in education?

CLASS: VI

ENGLISH	1. Write a paragraph (80–100 words): “Food and My Health”. 2. Prepare a 2-minutes oral presentation: Topic: “Why is junk food popular even though it is unhealthy?” 3. You are the Head Boy/Girl of PM Shri KV Vyasnagar School. Your school is going to organise an Awareness Programme on Healthy Eating Habits to educate students about the importance of balanced diet and the harmful effects of junk food. Write a notice in not more than 50–60 words informing all students about the programme. Include all necessary details such as date, time, venue, and instructions for participation.

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HINDI	मेरा पसंदीदा त्योहार (100–150 शब्द)ग्रीष्मकालीन अवकाश का अनुभव (डायरी रूप में 5 दिन लिखें) मेरा प्रिय मित्र / परिवार का सदस्य (वर्णन) पर्यावरण बचाओ विषय पर अनुच्छेद पठन कार्य (Reading Work) कोई भी बाल कहानी की पुस्तक पढ़ें पढ़ी गई कहानी का शीर्षक लेखक का नाम 5–6 पंक्तियों में सारांश लिखें "आहार एवं पोषण" पर MDP टॉपिक्स 🍽️ "मेरी थाली - मेरा स्वास्थ्य" अपनी रोज़ की थाली का विश्लेषण उसमें पोषक तत्वों की पहचान क्या सुधार किया जा सकता है
SANSKRIT	मम परिवारः (मेरा परिवार) चित्र बनाएं: अपने परिवार का लिखें (8–10 वाक्य) चित्र बनाएं: छुट्टियों में किया गया कोई कार्य (जैसे - खेलना, घूमना) ✍️ 8–10 वाक्य लिखें 🌳 4. उद्यानम् (बगीचा) 🖼️ पेड़-पौधे, फूलों का चित्र बनाएं ✍️ 5 वाक्य लिखें: उद्याने वृक्षाः सन्ति। पुष्पाणि सुन्दराणि सन्ति। 📖 6. शब्द + चित्र (Vocabulary with Pictures) 🖼️ 5 वस्तुओं के 5 चित्र बनाएं: पुष्पम् फलम् 🍎 पशुः वृक्षः 🌳 वस्तु (MDP Topic in Sanskrit) 1. 🥗 "आहारः स्वास्थ्यस्य आधारः" (आहार स्वास्थ्य का आधार है)
MATH	Write the squares and cubes of numbers from 1 to 30. Write the types of line, angles with diagram. write the definition of whole numbers, natural numbers, even numbers, odd numbers. Write conversions of kg to gm, cm to m, litre to millilitre, feet to inch, feet to centimetre. MDP TOPIC: FOOD AND NUTRITION 1. Write name, weight, height, age of 5 children under 16 years. 2. Calculate the amount of water intake of each child per day and divide them for the whole day in millilitres. 3. Write the balanced meals for the day using fraction chart to represent the food intake per meal with nutrition. 4. Show the increasing order of food intake and water intake of these five children. 5. Give remarks how this balanced meal is helpful in proper weight gain, height gain and muscle gain, provide accurate weight of these 5 children and compare it with the weight needed according to their height and age.
SCIENCE	1. What is science? Explain how science helps us in our daily life with examples. 2. Explain the role of curiosity and questioning in learning science. Why is it important? 3. Write a short note on the scientific method. Explain each step with an example. 4. Explain the importance of asking questions in science learning. Give at least three examples of questions related to everyday life. 5. What is meant by diversity in the living world? Explain with examples of different types of plants and animals found around us. 6. Draw a neat diagram of a plant and label the following parts: root, stem, leaf, flower. 7. Describe the different types of plants based on height & nature of stem, root system, venation, dependency to grow with examples MDP

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	1. Explain what a balanced diet is. Prepare a full-day meal plan for a student of your age and describe the nutrients present in each meal. Also explain why each nutrient is important for the body. 2. Describe different types of nutrients present in food. Explain their functions and give at least two examples of food items rich in each nutrient. Conclude why all nutrients are necessary for good health. 3. Conduct a small survey in your home or neighbourhood about eating habits. Record what people eat in a day and analyse whether their diet is balanced. Write your observations and suggest improvements.
SST	MDP 1.FOOD map of my Country -India 2.write about the important crops found in your locality. 3.How do Ads (Advertisement) make us buy junk food?
ARTIFICIAL INTELIGENCE	1. Write the following questions and answers neatly in your AI notebook: A. What is Artificial Intelligence? B. Write any five uses of AI in daily life. C. Name any four AI-enabled devices/apps you use. D. Difference between humans and AI machines. C. What is Machine Learning?
PHYSICAL EDUCATION	PREPARE A CHART ON TRADITIONAL SPORTS WITH DIAGRAM & LABEL IT. (IN A4 PAGE, MAXIMUM 6 SPORTS)
VOCATIONAL EDUCATION	Q1. What is a kitchen garden? Why is it useful for a school? Q2. List any four vegetables that can be grown in a school kitchen garden. Write one condition required for each (like sunlight, water, soil, etc.). Q3. Prepare a small kitchen garden at home using any available space (pots, containers, or backyard). Write the steps you followed. Q4. Why is it better to grow vegetables at home instead of buying them from the market? Q5. Suppose your school wants to grow vegetables but has limited water supply. Suggest any two methods to save water while gardening. Q6. Draw and label a model of a school kitchen garden. Show areas like vegetable beds, water source, compost pit, etc. (Attach your drawing here) Q7. Observe any plant in your surroundings for one week and record the changes. Q8. Write any three ways by which a kitchen garden helps in maintaining a healthy lifestyle
ART EDUCATION	(1) Draw 5 still life object drawing. (2) Draw 5 freehand drawing of summer flower fruits and vegetables. (3) Make a paper collage using different types of colour papers. (4) Draw one poster on topic save earth. (5) Prepare one 2d or 3d mask using different types of colour papers.

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CLASS: VII

ENGLISH	1. Application to the Principal Write an application to your Principal requesting permission to organize an educational trip to a historical place. 2. Descriptive paragraph Describe a place you visited that taught you something important. 3. Formal Letter Write a letter to the Electricity Department complaining about frequent power cuts. 4. Essay writing Topic: "My Favorite Book and What I Learned From It." 5. Story Writing: Continue the following story in 200-250 words: "As the sun began to set, I noticed a strange light coming from the old abandoned house…" MDP THEME: Disaster Management Activity-1: Describe a natural disaster scene (like flood or earthquake) focusing on emotions and surroundings. Activity-2. Write an application to the principal of your school requesting permission to visit a disaster-affected area for relief work
HINDI	लेखक ने तीन बुज़ुर्गों में पिता ने अपने बेटे को यह सलाह दी कि वह समझ-ज्ञान जमा करें। क्या आपको कभी किसी बड़े व्यक्ति से कोई सीख मिली है जो आपके जीवन में उपयोगी रही है? क्या आप भी अपने अनुभव से किसी को ऐसी सलाह देंगे? (80 शब्दों में) स्वरचित कहानी, कविता, गाना या रचना लिखें। मान लीजिए कि बसंती में रहने वाले दो दोस्तों के बीच बातचीत हो रही है। जब उनमें से एक को घायल किया तो उसकी माँ में क्या-क्या बातचीत हुई? (संवाद रूप में लिखें) कल्पना कीजिए कि आप किसी अन्य विद्यालय में खेल प्रतियोगिता में भाग लेने गए और वहाँ पर आपकी क्रिकेट टीम जीत गई। इस घटना का वर्णन करते हुए एक समाचार पत्र लिखिए। मेरे प्रिय त्योहार पर एक अनुच्छेद लिखें। अपने मित्र को योगाभ्यास का महत्व बताते हुए पत्र लिखें। संज्ञा, सर्वनाम, विशेषण, क्रिया किसे कहते हैं? इनके भेदों के नाम उदाहरण सहित लिखें। 10-10 पर्यायवाची, विलोम शब्द, लिंग बदली (कार्य को पृथक पेज पर करें)। प्रतिदिन हिंदी समाचार पत्र पढ़ें। कविता 'फूल और कांटा' कंठस्थ करें। पाठ 1, 2, 3 के प्रश्नोत्तर व अभ्यास कार्य याद करें। 📘 MDP (कक्षा-7) विषय - आपदा प्रबंधन (Disaster Management)

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SANSKRIT	(ग्रीष्मकालीन अवकाशकार्यम् कक्षा- सप्तमी संस्कृतं) 🎭 1. चित्र-कथा (Picture Story Project) 🖼️ 4-5 चित्र बनाएं (जैसे - एक दिन का जीवन / यात्रा / मित्रों के साथ खेल) ✍️ हर चित्र के नीचे 2-3 वाक्य संस्कृत में लिखें ➡️ अंत में पूरी कहानी का शीर्षक दें (संस्कृत में) 🧩 2. कॉमिक स्ट्रिप (Comic in Sanskrit) 🖼️ 4-6 बॉक्स बनाकर कॉमिक बनाएं 💬 हर बॉक्स में संवाद लिखें उदाहरण: बालकः: त्वं कुत्र गच्छसि? मित्रम्: अहं क्रीडाक्षेत्रं गच्छामि। 🌍 3. “मम दिनचर्या” (My Daily Routine Wheel) 🖼️ एक गोल चक्र (Wheel) बनाएं सुबह, दोपहर, शाम के चित्र बनाएं ✍️ हर भाग में 2 वाक्य संस्कृत में लिखें अहं प्रातः उत्तिष्ठामि। अहं विद्यालयं गच्छामि। 🏠 4. “मम गृहम्” - 3D/Map Activity 🖼️ घर का नक्शा या छोटा मॉडल बनाएं ✍️ अलग-अलग स्थानों के नाम संस्कृत में लिखें कक्षः, रसोई, उद्यानम् ➡️ 5 वाक्य भी लिखें 6. Emoji to Sanskrit Activity 🖼️ 😊🌳🏫🍎🐄 जैसे emojis बनाएं ✍️ उनके संस्कृत नाम और वाक्य लिखें 😊 - हर्षः → अहं हृष्टः अस्मि। 🔍 6. “Find & Write” Activity 🖼️ घर/आसपास की 10 चीज़ों के छोटे चित्र बनाएं ✍️ उनके नाम संस्कृत में लिखें ➡️ 3-4 वाक्य बनाएं 📜 7. Creative Shloka Poster 🖼️ सुंदर पोस्टर बनाएं ✍️ 3 श्लोक लिखें + चित्र जोड़ें विद्या ददाति विनयम् सत्यं वद ✅ निर्देश हर कार्य में चित्र + संस्कृत वाक्य जरूरी रंगीन और आकर्षक बनाएं 🎨 अपनी कल्पना का पूरा उपयोग करें (MDP Topic in Sanskrit) “प्राकृतिक-आपदाः तथा तेषां प्रबन्धनम्” (प्राकृतिक आपदाएँ और उनका प्रबंधन)

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MATH	MDP Theme : Disaster management 1.Data Handling in Disasters Collect and represent data of floods, cyclones, earthquakes (bar graphs, pie charts) Example: Number of people affected each year. 2.Integers in Temperature Changes Study temperature rise/fall during disasters Use of positive and negative numbers WORKSHEET : Sample paper -1 and 2 Model -special calculator
SCIENCE	MDP TOPIC - “Disaster Management – Preparedness Saves Lives”
SST	MDP TOPIC -DISASTER MANAGEMENT 1.MAKE A POSTER ON Poster: Design a "Do's and Don'ts" poster for a fire outbreak or Cyclone. 2. Identify the Zones: Choose one specific disaster (e.g., Earthquakes, Cyclones, or Floods). Create a Vulnerability Map of India showing which regions are most at risk. 3. Research the National Disaster Management Authority (NDMA) of India. What is their motto? Who is the chairperson?
ARTIFICIAL INTELIGENCE	1. Write the answers neatly in your AI notebook: A. What is Artificial Intelligence? B. Explain the difference between AI and Human Intelligence. C. What is Machine Learning? D. Name different applications of AI in daily life. E. How is AI useful in education and healthcare?
PHYSICAL EDUCATION	Prepare a chart on traditional sports with diagram & label it. (in A4 page, maximum 6 sports)
VOCATIONAL EDUCATION	Q1. What is a plant nursery? Why is it important? Q2. List any four tools used in a plant nursery and write their uses. Q3. (Activity-Based 🌱) Prepare a small nursery at home using any container (pot, bucket, or plastic bottle). Write the steps you followed. Q4. What is the difference between seeds and seedlings? Q5. Why is soil preparation important in a nursery? Q6. Draw and label a simple plant nursery setup and explain it in 4–5 lines. (Attach your drawing here) Q7. What are the basic requirements for plant growth in a nursery? Q8. (Observation 🔍) Observe any plant near your home for one week and write the changes you notice.
ART EDUCATION	(1) MAKE A PAPER COLLAGE USING DIFFERENT TYPES OF COLOUR PAPERS AND NEWS PAPER. (2) DRAW ONE POSTER ON TOPIC SAVE EARTH. (3) MAKE ONE ATTRACTIVE 2D OR 3D MASK.

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	(4) DRAW 2 STILL LIFE OBJECTS COMPOSITION. (5) DRAW 2 SUMMER SEASON FESTIVAL DRAWING (ANY COLOUR)

CLASS: VIII

ENGLISH	1.Story Writing - Topic: "The Day My Account Was Hacked" Write a short story (150–180 words). 2. Speech Writing -Topic: "Social Media: Friend or Foe for Students?" Write a speech (120–150 words) 3. Write a letter to the Editor of a newspaper expressing your concern about the growing misuse of social media among students and increasing cybercrimes. 4. You are the Head Boy/Head Girl of PM Shri KV Vyasnagar School. Your school is going to organise an Awareness Programme on "Safe Use of Social Media and Cyber Crime Prevention." Write a notice in not more than 50–60 words informing the students of Classes VII and VIII about the programme. Include date, time, venue, and necess.
HINDI	हिंदी सेतु कार्यक्रम के अंतर्गत पढ़ाए गए पाठ याद करें। स्वरचित कहानी, कविता, गाना या अन्य रचना लिखें। हमारा पर्यावरण और खेलों का महत्व विषय पर 120 शब्दों में अनुच्छेद लिखें। संज्ञा, सर्वनाम, विशेषण, क्रिया किसे कहते हैं? इनके भेदों के नाम उदाहरण सहित लिखें। अनुशासन का महत्व बताते हुए अपने छोटे भाई को पत्र लिखें और अनुपस्थिति माफी के लिए प्रधानाचार्य को प्रार्थना-पत्र लिखें। शीतल देवी, हरविंदर सिंह, दीपा मलिक आदि कुछ नाम पैरा ओलंपिक से जुड़े हैं। इन तीनों खिलाड़ियों की फोटो चिपकाएँ और प्रत्येक के बारे में 10-10 पंक्तियाँ लिखें। 5 ऐसे गाड़ियों/जानवरों की जानकारी एकत्र करें जो विलुप्त हो गए हैं या विलुप्त होने के कगार पर हैं। उनकी फोटो चिपकाकर 10-10 पंक्तियाँ लिखें। "आओ बच्चों तुम्हें दिखाएँ झांकी हिंदुस्तान की" कंठस्थ करें। प्रतिदिन हिंदी समाचार पत्र पढ़ें। 📘 MDP (कक्षा-8) विषय - सोशल मीडिया और साइबर अपराध (Social Media and Cyber Crime)
SANSKRIT	(ग्रीष्मकालीन अवकाशकार्यम् कक्षा-अष्टमी संस्कृतं) 🎭 1. चित्र-कथा (Picture Story Project) 🖼️ 4-5 चित्र बनाएं (जैसे - एक दिन का जीवन / यात्रा / मित्रों के साथ खेल) ✍️ हर चित्र के नीचे 2-3 वाक्य संस्कृत में लिखें ➡️ अंत में पूरी कहानी का शीर्षक दें (संस्कृत में) 🧩 2. कॉमिक स्ट्रिप (Comic in Sanskrit) 🖼️ 4-6 बॉक्स बनाकर कॉमिक बनाएं 💬 हर बॉक्स में संवाद लिखें उदाहरण: बालकः: त्वं कुत्र गच्छसि? मित्रम्: अहं क्रीडाक्षेत्रं गच्छामि। 🌍 3. "मम दिनचर्या" (My Daily Routine Wheel)

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	🖼️ एक गोल चक्र (Wheel) बनाएं सुबह, दोपहर, शाम के चित्र बनाएं ✍️ हर भाग में 2 वाक्य संस्कृत में लिखें अहं प्रातः उत्तिष्ठामि। अहं विद्यालयं गच्छामि। 🏠 4. "मम गृहम्" - 3D/Map Activity 🖼️ घर का नक्शा या छोटा मॉडल बनाएं ✍️ अलग-अलग स्थानों के नाम संस्कृत में लिखें कक्षः, रसोई, उद्यानम् ➡️ 5 वाक्य भी लिखें 6. Emoji to Sanskrit Activity 🖼️ 😊🌳🏫🍎🐄 जैसे emojis बनाएं ✍️ उनके संस्कृत नाम और वाक्य लिखें 😊 - हर्षः → अहं हृष्टः अस्मि। 🔍 6. "Find & Write" Activity 🖼️ घर/आसपास की 10 चीज़ों के छोटे चित्र बनाएं ✍️ उनके नाम संस्कृत में लिखें ➡️ 3-4 वाक्य बनाएं 📜 7. Creative Shloka Poster 🖼️ सुंदर पोस्टर बनाएं ✍️ 3 श्लोक लिखें + चित्र जोड़ें विद्या ददाति विनयम् सत्यं वद ✅ निर्देश हर कार्य में चित्र + संस्कृत वाक्य जरूरी रंगीन और आकर्षक बनाएं 🎨 अपनी कल्पना का पूरा उपयोग करें (MDP Topic in Sanskrit) 1. 📱 "सामाजिक-माध्यमानि तथा साइबर-अपराधाः" च्छात्राणाम् उपरि प्रभावः (सोशल मीडिया और साइबर अपराध)
MATH	MDP Theme: Social media and cyber crime 1.Data Handling & Statistics Collect data on social media usage (hours/day, age groups) Represent using bar graphs, pie charts, histograms. Worksheet : Sample paper 1:ch-1 Sample paper 2: ch-2
SCIENCE	1. Perform heating and condensation activity and note the readings in your Notebook. 2. Plant the seeds given to you at your home and take care of that plant. Take photos of each step and make a collage. 3. Construct compost pit and make compost for your plants and other kitchen wastes. Take photos and use them in your MDP.

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	4. Prepare a polybag plant and keep it ready for 5 th June Plantation purpose which will be celebrated as " World Environment Day". 5. Prepare a working Model for Science Exhibition. (You can make it in a group also having 2 – 4 members). 6. Make a Prototype (A prototype is an original model, a standard example, or a first form of something new) of your own idea. Write a brief note / information about it. Also draw a neat and labelled diagram of it for " INSPIRE MANAK AWARD".
SST	MDP TOPIC- SOCIAL MEDIA AND CYBER CRIME 1.POSTER-Safety Pamphlet or Poster: Create an informative pamphlet to promote "Cyber Safety". You could focus on how to recognize phishing (fake emails) or cyberbullying. 2. Safety Podcast Script: Write a 3-4 minutes script for a podcast episode discussing Digital Literacy. Include facts about how cyber criminals use social media and cybercrime. 3. Write a 1-2 page report in your notebook about different kinds of cyber crimes, such as hacking, identity theft, and online fraud
ARTIFICIAL INTELIGENCE	1. Write the answers neatly in your AI notebook: A. Define Artificial Intelligence. B. Explain the importance of AI in modern life. C. Differentiate between AI, Machine Learning, and Robotics. D. What are the advantages and disadvantages of AI? E. How is AI transforming education, healthcare, and transportation?
PHYSICAL EDUCATION	PREPARE A REPORT OF VISIT TO ANY SPORTS COMPETITION/TOURNAMENT. (MAXIMUM 200 WORDS IN A4 PAGE)
VOCATIONAL EDUCATION	Q1. What is hydroponics? How is it different from traditional soil-based farming? Q2.List any four advantages of hydroponics. Q3.Why is hydroponics useful in areas where soil is not suitable for farming? Explain with an example. Q4. What role do nutrients play in hydroponics? Why are they important for plant growth? Q5. Try to set up a simple hydroponic system at home using a plastic bottle or container. Write the steps you followed. Q6. Draw and label a simple hydroponic system showing parts like container, nutrient solution, plant support, and roots. (Attach your drawing here)

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	Q7.Compare hydroponics and soil-based farming on the basis of water usage, space required, and plant growth. Q8. If plants in a hydroponic system are not growing properly, what could be the possible reasons? Suggest any two solutions. Q9. Observe any plant grown in water (like money plant) for one week and record the changes. Q10.How can hydroponics help in future farming and food production?
ART EDUCATION	(1) DRAW 5 PENCIL SKETCHES OF HUMAN FIGURE DRAWING WITH PROPERTION (2) DRAW 2 SIDE FASE AND 2 FRONT FACE DRAWING WITH CORRECT PROPERTION. (3) DRAW 2 STILL LIFE OBJECTS COMPOSITION SHOWING PROPER PENCIL SHADING (4) MAKE ONE NEWS PAPER COLLAGE (5) DRAW ONE CANVAS PAINTING

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CLASS: IX

ENGLISH	(A) PORTFOLIO CBSE Portfolio for Class 9 /10– English ◆ What is a Portfolio? A Portfolio is a collection of a student's work showcasing their learning progress, achievements, skills, and creativity in English. It is evaluated by the teacher and carries 5 marks for internal assessment. ◆ Components of a Class 9/10 English Portfolio Include the following sections: Cover Page Title: "My English Portfolio" Student's name, class, section, roll no. School name and academic session. A creative design (drawings, word art, or printed decoration). Index List all contents with page numbers. Introduction A short write-up about yourself (Self-Profile). Your Achievements Your goals in learning English. Reading Section Book reviews of novels/short stories/poems. Summaries of 2 chapters from the textbook. Writing Section

	Creative writing (poems, short stories, diary entry). Formal/informal letters. Article/Essay writing samples. Speech or debate write-ups. Reflections What you learned this term. Strengths and areas to improve in English. Favourite activity and why. Self-Assessment Space for teacher's comments. (B)Project Make a project on: Famous Indian English Writers and Their Contributions Include the following components Short biography Major works Writing style Values/lessons from their work Note-In internal assessment portfolio carries 5 marks and project carries 5 marks. You have to submit two files one portfolio and other project .Avoid using stick files. Use science practical copies as you were doing in MDP.
HINDI	कोई भी एक अपठित गद्यांश लिखकर उसमें से पाँच प्रश्न बनाकर उनके उत्तर लिखो। कोई भी एक अपठित काव्यांश लिखकर उसमें से पाँच प्रश्न बनाकर उनके उत्तर लिखो। कोई भी एक औपचारिक तथा एक अनौपचारिक पत्र लिखो। निम्नलिखित विषय पर अनुच्छेद लिखो- (क) अनुशासन का महत्व (ख) कुसंगति के दुष्प्रभाव मुस्कान और मोहन के बीच बढ़ती महंगाई के विषय पर संवाद लिखो। प्रतिदिन हिंदी का अखबार पढ़ो। 📁 परियोजना कार्य (फाइल में करना है) अपने बारे में एक पोर्टफोलियो तैयार कीजिए। प्राकृतिक आपदा - बाढ़ के कारण, दुष्परिणाम तथा इसके निवारण के उपाय सुझाते हुए सचित्र परियोजना तैयार करो। विषय से संबंधित आँकड़े भी एकत्र करो।
SANSKRIT	Assignments (Activity-Based) 🎬 1. "संस्कृत Life Reel (Storyboard Task)" 🖼️ 6–8 चित्र बनाएं (दिनचर्या/यात्रा/मित्रता) ✍️ हर चित्र के लिए 5 वाक्य संस्कृत में 🎯 अंत में एक शीर्षक दें ➡️ Focus: Creative Writing + Expression 🧠 2. "Think in Sanskrit" Journal 🗓️ 5 दिनों तक रोज़: 5 वाक्य संस्कृत में लिखें (अपनी सोच/दिन का अनुभव) उदाहरण: अहं अद्य प्रसन्नः अस्मि। ➡️ Focus: Real-life language use 🗞️ 3. "संस्कृत Digital Newspaper" 📰 1 पेज का अख़बार बनाएं शामिल करें:

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	2 समाचार 1 विज्ञापन 1 शीर्षक ➡️ Focus: Applied Sanskrit 🎭 4. “Role Play Script” 🎤 विषय: विद्यालय / पर्यावरण / परिवार ✍️ 8–10 संवाद संस्कृत में ➡️ Focus: Speaking + Dialogue Writing 🔍 5. “Sanskrit Around Me” 🏠 घर/आसपास की 15 वस्तुएँ खोजें ✍️ उनके संस्कृत नाम + 5 वाक्य बनाएं ➡️ Focus: Vocabulary building 📁 B. Unique Project Work 🌍 1. Project: “संस्कृत और विज्ञान” 🔬 विषय: योग, आयुर्वेद, गणित आदि ✍️ 8–10 वाक्य संस्कृत में 🖼️ चित्र/चार्ट जोड़ें ➡️ Focus: Interdisciplinary learning 🌱 2. Project: “पर्यावरण संरक्षणम्” 🌳 पोस्टर + 10 वाक्य संस्कृत में 💡 5 सुझाव भी लिखें (जैसे - जलं रक्षामः) ➡️ Focus: Awareness + Writing 📜 3. Project: “संस्कृत सुभाषित संग्रह” 📖 5–7 श्लोक लिखें ✍️ अर्थ + जीवन में उपयोग लिखें ➡️ Focus: Value Education 🏛️ 4. Project: “भारतस्य संस्कृति” 🎨 चित्र + 8–10 वाक्य संस्कृत में विषय: त्योहार, परंपरा, वेशभूषा ➡️ Focus: Cultural understanding 📌 निर्देशाः (Instructions in Sanskrit) सर्वाणि कार्याणि स्वच्छया लिखित-पुस्तिकायां लिखनीयानि। लेखनं स्पष्टम्, सुन्दरम्, शुद्धं च भवेत्। प्रत्येकस्य कार्यस्य शीर्षकं अवश्यं लिखनीयम्। यथाशक्ति चित्राणि, सारिण्यः (charts), वर्णनम् च योजनीयम्। 🎨 स्वविचारेण लेखनं कुरुत, अन्यत्रात् न नकलनीयम्। समये-समये कार्यं समाप्तं कर्तव्यम्, एकस्मिन् दिने सर्वं न कार्यम्।
MATH	Activity Activity 1:To find a hidden picture by plotting And joining the various points with Given coordinates in a plane. points (0,3) (1,1) (3,1) (2.5,-1) (2.5,-3) (0,-2) (-2.5,-3) (-2.5,-1) (-3,1) (-1,1) Activity 2: show that the graph of linear equation is straight line by graphically. Worksheet Complete all the exercises of chapter 1 and 2 in maths copy with proper solution.

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SCIENCE	1. Draw a lebelled diagram of plant and animal cell. 2. Differentiate between Plant and animal cell. 3. Write the structure and functions of the following: a) ER b) Golgi Bodies c) Mitochondria d) Plastids 4. Prepare your Science Portfolio. (only one Portfolio for Science) 5. Prepare a polybag plant and keep it ready for 5 th June Plantation purpose which will be celebrated as "World Environment Day". 6. Prepare a working Model for Science Exhibition. (You can make it in a group also having 2 – 4 members). 7. Make a Prototype (A prototype is an original model, a standard example, or a first form of something new) of your own idea. Write a brief note / information about it. Also draw a neat and labelled diagram of it for "INSPIRE MANAK AWARD". Activity 1: Prepare a project titled "Motion in Everyday Life" including:Definitions (motion,rest,distance,displacement, speed, velocity, acceleration), Real-life examples,One experiment with observation table,Graph (distance-time or velocity-time),Conclusion and learning outcomes.
SST	1. TIMELINE-CONCEPT MAP- HARAPPAN CIVILISATION 2. MAP WORK • Locates physiographical regions of India and the climatic zones of the world on a globe/map. • Some Important Archaeological Sites 3. Describe the social, political, and religious structures of the civilisations of Egypt and Mesopotamia. 4. Interview any working person write skill required, education needed, role in economy. 5. Poster showing fundamental rights and duties
ARTIFICIAL INTELIGENCE	
PHYSICAL EDUCATION	student will prepare a file on the sports/ game chosen by him/ her covering following aspects: ▯ History of the game/sports (200 words) ▯ Terminology of the game/sports (any 5) ▯ Fundamental skills of the game/ sports (any 5) ▯ Rules of the game/ sport (any 5) ▯ Ground/ Court/ Field specification ▯ Indian sports personalities/ awardees of the game/ sports (any 5) ▯ Name of national/ international tournaments/ competitions of the game/ sports Maximum 6 page in A4 page.
VOCATIONAL EDUCATION	-NA-
ART EDUCATION	(1)DRAW 5 PENCIL SKETCHES OF HUMAN FIGURE DRAWING WITH PROPERTION (2) DRAW 2 SIDE FASE AND 2 FRONT FACE DRAWING WITH CORRECT PROPERTION. (3) DRAW 2 STILL LIFE OBJECTS COMPOSITION SHOWING PROPER COLOUR SHADING (4) MAKE ONE NEWS PAPER COLLAGE (5) DRAW ONE CANVAS PAINTING OR WATER COLOUR PAINTING ON YOUR OWN THEME

CLASS: X

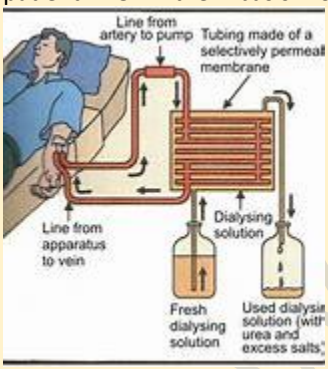
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ENGLISH	class IX Summer Vacation Holiday Homework English ⭐ (A)PORTFOLIO CBSE Portfolio for Class 9 /10– English 🔹 What is a Portfolio? A Portfolio is a collection of a student's work showcasing their learning progress, achievements, skills, and creativity in English. It is evaluated by the teacher and carries 5 marks for internal assessment. 🔹 Components of a Class 9/10 English Portfolio Include the following sections: Cover Page Title: "My English Portfolio" Student's name, class, section, roll no. School name and academic session. A creative design (drawings, word art, or printed decoration). Index List all contents with page numbers. Introduction A short write-up about yourself (Self-Profile). Your Achievements Your goals in learning English. Reading Section Book reviews of novels/short stories/poems. Summaries of 2 chapters from the textbook. Writing Section Creative writing (poems, short stories, diary entry). Formal/informal letters. Article/Essay writing samples. Speech or debate write-ups. Reflections What you learned this term. Strengths and areas to improve in English. Favourite activity and why. Self-Assessment Space for teacher's comments. (B)Project Make a project on: Famous Indian English Writers and Their Contributions Include the following components Short biography Major works Writing style Values/lessons from their work Note-In internal assessment portfolio carries 5 marks and project carries 5 marks. You have to submit two files one portfolio and other project .Avoid using stick files. Use science practical copies as you were doing in mdp.
HINDI	📘 कक्षा 10 – हिंदी H.H.W ✍️ Assignment 'सूरदास' के किसी एक पद की व्याख्या लिखिए। 'नेताजी का चश्मा' पाठ का सारांश (लगभग 60 शब्दों में) लिखिए। पर्यावरण संरक्षण पर एक विज्ञापन तैयार कीजिए। सरल, संयुक्त तथा मिश्र वाक्य के पाँच-पाँच उदाहरण लिखिए। अपने क्षेत्र में बढ़ते अपराध को रोकने हेतु थाना अध्यक्ष को आवेदन पत्र लिखिए। 'मेरी प्रिय पुस्तक' / 'मेक इन इंडिया' विषय पर 120 शब्दों में अनुच्छेद लिखिए। Project Topic शिक्षा का अधिकार Portfolio Topic मेरी प्रेरणा

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SANSKRIT	Assignments-1. “Silent Story to Sanskrit” 🖼️ 5–6 चित्र बनाएं (कोई कहानी - जैसे यात्रा/मित्रता) पहले बिना शब्दों के story बनाएं ✍️ फिर हर चित्र के लिए 4 संस्कृत वाक्य लिखें अंत में कहानी का नाम संस्कृत में दे 🧠 2. “Mind Voice Journal” (Think → Feel → Write) 5 दिन तक: 😊 आज क्या महसूस किया? 😔 कोई समस्या? 🌟 कुछ अच्छा? ✍️ हर दिन केवल 4 वाक्य संस्कृत में 🗞️ 3. “Breaking News Creator” 🩹 खुद एक unique news बनाओ (real या imaginary) शामिल करें: 1 मुख्य समाचार 1 छोटा समाचार 1 मजेदार headline ✍️ कुल 6–8 वाक्य संस्कृत में 🎭 4. “Wrong vs Right Dialogue” 🎤 2 पात्र बनाएं: एक सही काम करता है दूसरा गलत ✍️ 6–8 संवाद संस्कृत में लिखें ➡️ अंत में लिखें: 👉 “कः उचितः?” 🔍 5. “Secret Sanskrit Detective” 🏠 घर में 10 वस्तुएँ ढूंढो ✍️ उनके संस्कृत नाम लिखो 🎯 फिर 3 clue-based वाक्य लिखो उदाहरण: एतत् पठने उपयुज्यते। ➡️ दूसरों को guess करने दो 📁 B .Project Work 🧬 1. “संस्कृत + Science Experiment” 🔬 कोई छोटा experiment (जैसे - जल, पौधा) ✍️ प्रक्रिया संस्कृत में लिखें (6–8 वाक्य) ➡️ जैसे: अहं बीजं रोपितवान्। 🌱 2. “Eco-Promise Project” 🌍 पर्यावरण के लिए 5 प्रतिज्ञाएँ ✍️ संस्कृत में लिखें जलं न व्यर्थं करिष्यामि। वृक्षान् रोपयिष्यामि।“Then vs Now” (भारतस्य संस्कृति) 🖼️ 2 भाग बनाएं: प्राचीनकालः आधुनिककालः

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MATH	Activity Activity 1. Polynomial: (To draw the graph of a quadratic Polynomial) Activity 2. Pair of linear equation in two variables:(To verify the conditions of consistency/Inconsistency for a pair of linearEquations in two variables by graphically method) Worksheet Sample paper 1(ch-1) Sample paper 2(ch-2) Sample paper 3(ch-3) Sample paper 4 (ch-4)
SCIENCE	**BIOLOGY** 1. The figure shown below represents a common type of dialysis called as Haemodialysis. It removes waste products from the blood. Such as excess salts and urea which are insufficiently removed by the kidney in patients with kidney failure. During the procedure, the patient blood is cleaned by filtration through a series of semi- permeable membrane before being returned to the blood of the patient. On the basis of this , answer the following questions:  a) Give one functional difference between kidney and artificial kidney. b) Name the duct by which urine is transferred from kidney to the urinary bladder. c) What is an artificial kidney? d) Name the process by which waste products from blood pass into dialysing fluid. 2. Draw a neat and labelled diagram of the following: a) Human alimentary canal b) Human Respiratory system c) Human Heart d) Human Excretory system 3. Explain the various functions of blood. 4. Prepare a polybag plant and keep it ready for 5 th June Plantation purpose which will be celebrated as “World Environment Day”. 5. Prepare a working Model for Science Exhibition. (You can make it in a group also having 2 – 4 members). 6. Make a Prototype (A prototype is an original model, a standard example, or a first form of something new) of your own idea. Write a brief note / information about it. Also draw a neat and labelled diagram of it for “INSPIRE MANAK AWARD”. **PHYSICS** Prepare a detail note on reflection & refraction, their laws, give example on each. Draw neat ray diagram (with pencil & label them)of image formation by spherical mirrors, lenses & refraction through glass slab . Define power of lens. Write down mirror & lens formula with all sign conventions.
SST	IN YOUR PROJECT FILE FILE NO.1-PROJECT WORK-MULTIDISCIPLINARY ON CONSUMER RIGHTS FILE NO.2 PROTFOLIO- BASIC DETAILS INCLUDE – MAP WORK
ARTIFICIAL INTELIGENCE	**Very Short Answer** A. Describe the communication cycle and importance of feedback. B. What is verbal communication and it’s type? Give an example.

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	C. What is non-verbal communication? Give an example D. Explain the communication cycle with diagram. E. Differentiate between verbal and non-verbal communication. F. What is active listening? Write three features of it. G. Write the importance of communication skills in employability. H. What are active and passive sentences. I. What are the five stages of the AI project cycle? J. Why is problem scoping important? **Long type answer** A. Explain different types of communication with examples. B. Describe the barriers to communication and suggest ways to overcome them. C. Write a short note on the importance of body language in communication D. Explain the eight parts of speech in English with suitable examples. E. Explain all stages of the AI Project Cycle in detail with examples. F. Explain the three domains of AI with practical applications. G. What is bias in AI? How can it affect decision-making? H. What are the five main stages of the AI project cycle, and what is the significance of each stage? I. Why is problem scoping essential in an AI project, and what factors should be considered during this phase? J. How does data acquisition impact the success of an AI project? Provide examples of good data sources. K. What role does data exploration and preprocessing play in ensuring the efficiency of an AI model? L. Explain the importance of evaluation and deployment in an AI project. How do these stages affect real-world applications?
PHYSICAL EDUCATION	PREPARE A CHART ON ANY SPORT/GAME WITH DIAGRAM.
VOCATIONAL EDUCATION	-NA-
ART EDUCATION	(1)DRAW 5 PENCIL SKETCHES OF HUMAN FIGURE DRAWING WITH PROPERTION (2) DRAW 2 SIDE FASE AND 2 FRONT FACE DRAWING WITH CORRECT PROPERTION. (3) DRAW 2 STILL LIFE OBJECTS COMPOSITION SHOWING PROPER COLOUR SHADING (4) MAKE ONE NEWS PAPER COLLAGE (5) DRAW ONE CANVAS PAINTING OR WATER COLOUR PAINTING ON YOUR OWN THEME

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CLASS: XII

ENGLISH	PROJECT TITLE: “LITERATURE SPEAKS: THE VOICES OF POETS AND WRITERS” Theme: POETS AND WRITERS (Indian and Foreign) – VOICES THAT SHAPED LITERATURE

HINDI	📘 कक्षा 12 – हिंदी H.H.W ✍️ Assignment (A4 Sheet पर लिखें) हरिवंश राय बच्चन की 'आत्म-परिचय' कविता का सारांश (60 शब्दों में) लिखिए। आलोकी (आलो) की कविता 'उषा' का काव्यांश लिखकर उसकी व्याख्या कीजिए। महादेवी वर्मा की 'भक्तिन' का सारांश लिखिए। प्रमुख जनसंचार माध्यमों का परिचय दीजिए। 'ग्रीष्मकाल' पर 60 शब्दों में एक लेख लिखिए। रेडियो तथा टेलीविजन में अंतर स्पष्ट कीजिए। 📘 Class 12 – Portfolio Topics. मेरा लक्ष्य और करियर योजना. 📂 Class 12 – Project Topics हिंदी भाषा का विकास. ✍️ Class 12 – Assignment Topics. 1.शिक्षा का बदलता स्वरूप. 2.हरिवंश राय बच्चन
BIOLOGY	**Knowledge and Understanding (Recall & Explain)** 1. Define pollination. 2. Name the male reproductive part of a flower. 3. State the function of the ovary in a flower. 4. List the types of pollination. 5. Describe the structure of a typical stamen. 6. Explain the term "double fertilization." 7. What is the role of pollen tube in fertilization? 8. Identify the parts of a carpel. 9. Distinguish between self-pollination and cross-pollination. 10. What is the role of the stigma in reproduction? **Application-Based Questions** 11. Given a diagram of a flower, label the reproductive parts. 12. Predict what would happen if a flower's an the rs were removed. 13. Suggest Why brightly colored petals are common in insect-pollinated flowers. 14. If a plant is wind-pollinated, what floral adaptations would you expect? 15. Apply your understanding to explain Why seedless fruits are produced in some plants. 16. A plant species depends on bees for pollination. What might happen if bee populations decline? 17. How can artificial pollination be useful in agriculture? 18. Use your knowledge of plant reproduction to suggest a method of producing hybrid seeds. 19. Identify the reason Why some flowers produce nectar. 20. Apply knowledge of pollen germination to explain how fertilizers might affect reproduction. **Analytical Thinking** 21. Compare the process of pollination in wind vs. insect-pollinated flowers. 22. Analyze the advantages and disadvantages of self-pollination. 23. Why is cross-pollination considered to promote genetic diversity? 24. Differentiate between the structures of monocot and dicot flowers. 25. Analyze the importance of synchrony in pollen release and stigma receptivity. 26. Examine the role of synergids during fertilization. 27. Why might a plant evolve mechanisms to avoid self-pollination? 28. Identify potential reasons for failure in fertilization. 29. Interpret the evolutionary significance of double fertilization in angiosperms. 30. Compare the reproductive structures of gymnosperms and angiosperms. **Higher- Order Thinking (Evaluation & Creation)** 31. Evaluate the efficiencyofartificialpollinationincomparisontonaturalpollination.

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32. Design an experiment to test the effect of wind on pollination rate.
33. Justify the use of biotechnology in improving plant reproduction.
34. Propose a breeding technique to improve flower yield in a specific crop.
35. Construct a model showing the journey of pollen to the ovule.
36. Develop a flow chart of the steps involved in sexual reproduction in flowering plants.
37. Assess the impact of environmental pollution on plant reproduction.
38. Debate the ethical aspects of genetically modifying flowering plants for reproduction.
39. Compose a poem or story describing the life cycle of a flowering plant.
40. Invent a device to aid pollination in a green house setup.

Competency-Linked Situational Items

41. Your school garden has mango and papaya trees. Identify which is likely to be unisexual and Why .
42. A plant has sticky pollen and large colorful petals. Suggest its likely pollinator.
43. You observe a flower with both reproductive parts but still relies on cross-pollination. Explain Why .
44. While dissecting a flower, you see a large, sticky stigma. What does this indicate about the mode of pollination?
45. Seeds are not forming on a hibiscus plant. Suggest reasons and remedies.
46. A botanist wants to produce a hybrid plant. Which part should be removed and Why ?
47. Why are seed banks important in conserving plant biodiversity?
48. In a lab setup, a pollen tube doesn't reach the ovule. What factors could be responsible?
49. A fruit has no seeds. What type of reproduction might have taken place?
50. Draw Transverse section of Young an the r with all layers, Mature pollen grain, Typical ovule, Mature embryo sac, Pistil showing path of pollen tube growth, Typical Dicot and Monocot embryo, structure of Castor seed and Maize grain?

LESSON – HUMAN REPRODUCTION

Knowledge-Based(Recall)

1. Define fertilization.
2. Name the primary male and female reproductive organs.
3. What is the function of the uterus?
4. Identify the hormone responsible for ovulation.
5. Label the parts of the male reproductive system.
6. L is t the stages of the menstrual cycle.
7. What is the role of the placenta?
8. State the site of sperm production.
9. Mention two secondary sexual characteristics in males.
10. Which structure in females receives the fertilized egg?

Under standing-Based

11. Explain how the menstrual cycle is regulated by hormones.
12. Describe the process of implantation.
13. Differentiate between identical and fraternal twins.
14. Describe the function of the fallopian tube.
15. Why is the scrotum located outside the body?
16. How does puberty affect males and females differently?
17. Explain the importance of amniotic fluid.
18. Describe the changes in hormone levels during pregnancy.
19. Interpret the role of FSH and LH in reproduction.

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	20. Why does menstruation occur? **Application-Based** 21. Predict the outcome if the fallopian tubes are blocked. 22. Suggest ways to maintain reproductive health. 23. A woman has irregular periods ; what might be the causes? 24. Explain how birth control pills prevent pregnancy. 25. Use a diagram to trace the path of sperm from formation to ejaculation. 26. Apply knowledge of fertilization to explain how IVF works. 27. How would an imbalance in estrogen affect the menstrual cycle? 28. Explain how understanding of human reproduction helps in family planning. 29. Apply the stages of labor to identify the correct birth phase in a scenario. 30. Analyze a hormonal chart to identify when ovulation occurs. **Analysis -Based** 31. Compare and contrast sexual and asexual reproduction. 32. Analyze the menstrual cycle to determine the fertile period. 33. Evaluate how lifestyle affects reproductive health. 34. Distinguish between ovulation and menstruation using a flow chart. 35. Examine the effects of reproductive diseases like STDs . 36. Compare human reproductive strategies with those of mammals. 37. Why do reproductive technologies raise ethical issues? 38. Analyze the roles of progesterone and estrogen during pregnancy. 39. How does the structure of sperm aid in fertilization? 40. Interpret a graph showing hormone levels across the menstrual cycle. **Evaluation & Higher Order Thinking** 41. Assess the impact of early pregnancy on teen age health. 42. Evaluate pros and cons of various contraceptive methods. 43. Formulate a campaign to educate peers on reproductive health. 44. Justify the need for sex education in schools. 45. Develop a plan to promote awareness of STDs in your community. 46. Debate: Should IVF be made freely available to all? 47. Critique the portrayal of human reproduction in media. 48. Propose improvements in reproductive health care access. 49. Defend the role of hormones in maintaining pregnancy. 50. Draw Diagrammatic representation of spermatogenesis and Oogenesis ,Sectional view of somniferous tubules(enlarged),Sectional view of ovary, Diagrammatic representation of various events during menstrual cycle,
MATH	MDP: Activity 1 to 6 to be done' HOMEWORK : complete all case based questions and 10 yrs pyqs of ch1 to 3
PHYSICS	1. Define electric dipole moment. Is it a scalar or a vector quantity? What are its SI unit? 2. State coulomb's law. What are the limitations of Coulomb's law ? 3. Why do the electric field lines never cross each other? 4. What is electric charge? Is it a scalar or vector quantity? Name its SI unit. 5. Sketch the electric field lines for two-point charges q1 and q2 for $q_1 = q_2$ and $q_1 > q_2$ separated by a distance d. 6. Write two basic properties of electric charge. 7. Distinguish between conductors and insulators. Give examples. 8. Derive the expression for electric field intensity at a point due to a point charge. 9. Derive an expression for the torque experienced by electric dipole in external electric field. 10. (i) Write down unit and dimension of permittivity of free space. (ii) A Gaussian surface contains three charges -q,2q,-q and Evaluate net electric flux through the surface.

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	11. Three-point charges, 1 pC each, are kept at the vertices of an equilateral triangle of side 10 cm. Find the net electric field at the centroid of triangle. 12. Derive an expression for electric intensity at a point situated on the axial line & equatorial line of electric dipole. 13. Define electric flux. State Gauss's law. 14. Using Gauss's theorem to obtain the expression for the electric field intensity at a point due to an infinitely long, thin, uniformly charged straight wire. Plot a graph showing the variation of electric field E with r. 15. Using Gauss Theorem show mathematically that for any point outside the shell, the field due to a uniformly charged spherical shell is same as the entire charge on the shell a concentrated at the centre. 16. Two-point charges having equal charges separated by m1 distance experience a force of 8N. What will be the force experienced by them, if they are held in water, at the same distance? (Given: K_{water}=80) 17. A regular hexagon of side 10 cm has charge C 5µ at each of its vertices. What is the resultant potential at the centre of the hexagon? 18. Why there is no work done in moving a charge from one point to another on an equipotential surface? 19. Why electrostatic potential is constant throughout the volume of the conductor and has the same value as on its surface? 20. Give the dimensional formula and unit of electric potential? 21. A charge Q is given to three capacitors C1, C2 and C3 connected in parallel. Determine the charge on each. 22. What is electrostatic shielding? How is this property used in actual practice? Is the potential in the cavity of a charged conductor zero? 23. A parallel plate capacitor is charged by a battery to a potential. The battery is disconnected and a dielectric slab is inserted to completely fill the space between the plates. How will (a) its capacitance (b) electric field between the plates and (c) energy stored in the capacitor be affected? Justify your answer giving necessary mathematical expression for each case. 24. Derive an expression for the capacitance of a parallel plate capacitor. If a compound dielectric medium is introduced between the plates of the capacitor, how will the capacitance of the capacitor change? 25. Evaluate the capacitance of a parallel plate capacitor, having parallel plates of area 6 cm^2 placed at a separation of 2 mm. Consider air between plates as a dielectric medium. If the capacitor is connected to 200 V power supply. What will be the charge on each plate? 26. Two capacitors C_1 = 2 µF and C_2 = 4 µF are connected in series and a potential difference (p.d.) of 1200 V is applied across it. What will be potential difference across 2µ F? 27. What is the work done in placing a charge of 8×10^{-18} C on a capacitor of capacity of capacity 100µ F? 28. Two identical point charges each, are kept 2m apart in air. A third point charge Q of unknown magnitude and sign is placed on the line joining the charges such that the system remains in equilibrium. Find the position and nature of Q.? 29. An electric dipole is placed at an angle of 600 with an electric field of magnitude 4×10^5 N/C . It experiences a torque of 8√3Nm. If the length of the dipole is 4 c.m, determine the magnitude of either charge of the dipole. 30. What are the characteristics of electric potential?
CHEMISTRY	Chapters Covered: Solutions and Chemical Kinetics Each question is designed as a 5-mark numerical for practice. Chapter: Solutions 1. Calculate the molarity of a solution prepared by dissolving 9.8 g of H■SO■ in enough water to make 250 mL of solution.

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Chapter: Solutions
2. A solution contains 18 g of glucose dissolved in 200 g of water. Calculate the mole fraction of glucose and
water.
Chapter: Solutions
3. Calculate the molality of a solution containing 5.85 g of NaCl dissolved in 500 g of water.
Chapter: Solutions
4. The vapour pressure of pure benzene at 25°C is 100 mm Hg. A solution contains 24.6 g of toluene in 184 g
of benzene. Calculate the vapour pressure of the solution.
Chapter: Solutions
5. Calculate the depression in freezing point when 2 g of urea is dissolved in 100 g of water. (Kf for water =
1.86 K kg mol■¹)
Chapter: Solutions
6. Calculate the osmotic pressure of a solution containing 1.2 g of urea in 500 mL solution at 27°C.
Chapter: Solutions
7. 5 g of a non-volatile solute is dissolved in 100 g of water. The boiling point increases by 0.52 K. Calculate
the molar mass of the solute. (Kb for water = 0.52 K kg mol■¹)
Chapter: Solutions
8. Calculate the mass percentage of ethanol in a solution prepared by mixing 20 g ethanol with 80 g water.
Chapter: Solutions
9. A solution of glucose in water is 10% by mass. Calculate the volume of solution needed to obtain 5 g of
glucose if density is 1.2 g mL■¹.
Chapter: Solutions
10. The freezing point of a solution containing 0.1 molal KCl is found to be −0.372°C. Calculate the van't Hoff
factor. (Kf for water = 1.86 K kg mol■¹)
Chapter: Chemical Kinetics
11. For a first-order reaction, the rate constant is 2.5 × 10■³ s■¹. Calculate the half-life of the reaction.
Chapter: Chemical Kinetics
12. The rate constant of a reaction doubles when temperature increases from 300 K to 310 K. Calculate the
activation energy.
Chapter: Chemical Kinetics
13. For a zero-order reaction, the concentration of reactant decreases from 0.8 M to 0.2 M in 60 minutes.
Calculate the rate constant.
Chapter: Chemical Kinetics
14. A first-order reaction has a rate constant of 4.6 × 10■³ min■¹. How long will it take for the concentration to
reduce to 25% of its initial value?
Chapter: Chemical Kinetics
15. The half-life of a radioactive isotope is 6 hours. Calculate the time required for 87.5% decay.
Chapter: Chemical Kinetics
16. For a second-order reaction, the rate constant is 0.02 L mol■¹ s■¹ and initial concentration is 0.5 M.
Calculate the half-life.
Chapter: Chemical Kinetics
17. The rate of a reaction becomes three times when concentration is doubled. Determine the order of the

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	reaction. Chapter: Chemical Kinetics 18. At 298 K, the rate constant of a reaction is 1.2 × 10■■ s■[1] and at 308 K it is 4.8 × 10■■ s■[1]. Calculate the activation energy. Chapter: Chemical Kinetics 19. For a first-order reaction, calculate the rate constant if 75% of the reaction is completed in 40 minutes. Chapter: Chemical Kinetics 20. A reaction has a rate constant of 3.0 × 10■[2] min■[1]. Calculate the time required for the concentration to become one-eighth of the initial concentration for a first-order reaction.
COMPUTER SCIENCE	1. Input a welcome message and display it. 2. Input two numbers and display the larger / smaller number. 3. Input three numbers and display the largest / smallest number. 4. Determine whether a number is a perfect number, an Armstrong number or a palindrome. 5. Input a number and check if the number is a prime or composite number. 6. Display the terms of a Fibonacci series. 7. Compute the greatest common divisor and least common multiple of two integers. 8. Count and display the number of vowels, consonants, uppercase, lowercase characters in string. 9. Input a string and determine whether it is a palindrome or not; convert the case of characters in a string. 10. Find the largest/smallest number in a list/tuple 11. Input a list of numbers and swap elements at the even location with the elements at the odd location. 12. Input a list/tuple of elements, search for a given element in the list/tuple. 13. Create a dictionary with the roll number, name and marks of n students in a class and display the names of students who have marks above 75. 14. Write a program to input a number and check whether it is even or odd. 15. Write a program to find the largest of three numbers. 16. Write a program to check whether a number is a palindrome. 17. Write a program to calculate factorial of a number using a loop. 18. Write a program to print Fibonacci series up to *n* terms. 19. Write a program to check whether a number is prime. 20. Write a program to count digits in a number. 21. Write a program to find sum of digits of a number. 22. Write a program to reverse a string without using slicing. 23. Write a program to check whether a string is a palindrome. 24. Write a program to count frequency of each character in a string. 25. Write a program to remove all spaces from a string. 26. Write a program to find the largest and smallest element in a list. 27. Write a program to sort a list without using built-in functions. 28. Write a program to find sum of all elements in a list. 29. Write a program to remove duplicate elements from a list. 30. Write a program to check Armstrong number. 31.What is a list in Python? Give one example. 32.Define a dictionary. How is it different from a list? 33. What is a string? Give two examples. 34. Write any two features of Python lists. 35. What are keys and values in a dictionary? 36.Explain list indexing and slicing with examples. 37.Differentiate between: • List and String • List and Dictionary 38. Explain the following string functions with examples: • upper()

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	• lower() • replace() 39.Explain different methods of a dictionary with examples (keys(), values(), items()). 40.Define a function in Python. Explain its advantages and give the syntax with an example. 41.Differentiate between:Built-in functions AND User-defined functions Give examples of each. 42.Explain recursion in Python. Write a program to calculate factorial using recursion. 43.Write a function to check whether a number is prime or not. 44.Write a function that accepts a list of numbers and returns the sum of even numbers. 45.Write a function to find the largest among three numbers using parameters. 46.Write a function that takes a string and returns the number of vowels in it. 47.Write a function to calculate the sum of digits of a number.
PHYSICAL ACTIVITY TRAINER	WRITE A PARAGRAPH ABOUT IMPORTANCE OF PLAY AREA INSPECTION.(MAXIMUM 200 WORDS IN A4 PAGE)

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