DAV Public School, Kota
Holiday Homework - 2026
Class – X

Subject – English

Roll no	**Holiday Homework**
1 to 8	Personality Collage Activity (Art-Integrated + Creative Thinking) Collect pictures, magazine cuttings, drawings, or sketches of three different personalities (teacher, sportsperson, social worker, family member, etc.). Task: Create a colourful collage. Write: 3 qualities of each person 1 inspirational line about each How they influence society
9 to 16	Comic Strip Activity Create a comic strip showing: “How laughter acts as the best medicine.” Use dialogues, facial expressions, and humour to show how stress changes into happiness.
17 to 24	Read the situation: Spends most of his time indoors playing video games and avoids outdoor activities.” What advice would you give him to improve his lifestyle?
25 to 32	Educational Timeline Create a timeline showing the journey of education from: Gurukul system to modern digital classrooms. Add illustrations, colours, and short descriptions.
33 onwards	Travel Brochure Designing Design a colourful travel brochure for any tourist destination in India. Include: famous attractions, local food, culture, transport facilities, best time to visit, safety tips. Add pictures, sketches, or decorative borders.

Subject – Hindi

Roll No.	Homework
1 to 8	1मोबाइल पर एक पॉडकास्ट बनाइए जिसमें 1 मिनट तक हरिहर काका जैसे बुजुर्गो के बारे में बात करिए। अथवा 2 वरिष्ठ नागरिक साक्षात्कार *किसी बुजुर्ग व्यक्ति का इंटरव्यू ले* उनके समय का विद्यालय जीवन
9 to 16	**1 हिंदी में अपना ब्लॉग बनाइए** Google docs/ Notebook मे अपना डिजिटल ब्लॉग तैयार करें अथवा **2 मेरे शहर की विरासत** अपने शहर के किसी ऐतिहासिक स्थल पर परियोजना तैयार करें
17 to 24	**1 भावनाओं की दीवार** अलग-अलग भागों पर चित्र लगाकर स्वरचित कविता लिखिए 1 खुशी 2दुख 3क्रोध 4आश्चर्य अथवा **एक दिन पुस्तकालय में** शहर की किसी एक पुस्तकालय में जाकर कुछ देर बैठकर पुस्तक पढ़े और उसके बारे में लिखें
25 to 32	**Emoji से कहानी** केवल इमोजी देखकर कहानी लिखें।  अथवा **फोटो बोल उठे** विभिन्न प्रकार की पांच तस्वीरे खींचकर उनके बारे में अपनी अभिव्यक्ति को सधी हुई हिंदी में लिखें। अथवा अपने दादा-दादी या नाना नानी से कहानी सुनकर उस कहानी को अपनी कॉपी में लिखें। इस पर उनके हस्ताक्षर भी ले।
33 onwards	**भाषा संगम** परीक्षा ,मशाल, परिवार ,मंदिर ,नदी इन शब्दों को भारत के संविधान में स्वीकृत लगभग 10 भाषाओं में लिखें। अथवा **हिंदी यात्रा ब्लॉग** कहीं घूमने जाएं तो हिंदी भाषा में अपना ट्रैवल ब्लॉग बनाएं।

Subject – Sanskrit

Roll No.	Homework
1 to 8	अव्ययी भाव समासस्य 30 समस्तपद रचनाम् विग्रहं वा कृत्वा लिखत ।
9 to 16	तत्पुरुष समासाधारित 30 उदाहरणानि विग्रह -समस्तपदरूपेण वा लिखत ।
17 to 24	अयादिसन्धे:पूर्व रूप सन्धे:च 30 उदाहरणानि (सन्धि विच्छेद वा रूपेण)लिखत ।
25 to 32	यण सन्धे:,वृद्धि सन्धे: च 30 उदाहरणानि (सन्धि-विच्छेद रूपेण)लिखत ।
33 onwards	पंच चित्राणां 5-5 वाक्यानि संस्कृतेन लिखत ।(चित्रेण सह)।

Subject – Mathematics

Roll No.	**Homework**
1 to 8	Do the following activities in Lab Manual Activity 1.Experimentally find a HCF of two numbers a&by Euclid's division lemma. Activity 2.To plot the graph of given quadratic polynomial . Activity 3.To obtain the condition for number of solutions/inconsistency of A pair of linear equations in two variables by graphical method. Activity 5. To check that the given sequence is an arithmetic progression. Activity 6.To verify the formula for the sum of N terms of an arithmetic progression through activity.
9 to 16	Do the following activities in Lab Manual. Activity 7.To verify that the sum of the first n natural numbers. Activity 8.To verify the Basic proportionality theorem. Activity 9.To verify that the ratio of the areas of two similar triangles is equal to the ratio of the squares of their corresponding sides. Activity 10.To verify the pythagoras theorem through activity. Activity 11. To find the centroid of various types of triangles.
17 to 24	Do the following activities in Lab Manual. Activity 12.To verify the distance formula by graphical method. Activity 13.To verify section formula by graphical method. Activity 14. To verify experimentally a trigonometric identity. Activity 15.To make a clinometer and use it to measure the height of an object. Activity 16.To verify experimentally that the tangent at any point to a circle is perpendicular to the radius through point of contact.
25 to 32	Do the following activities in Lab Manual. Activity 17.To verify that the lengths of tangents drawn from an external point to a circle are equal. Activity 18.To obtain the formula for the area of a circle. Activity 19 To derive the formula for the volume of a right circular cylinder. Activity 20.i) To make a cone of given slant height and circumference of a circular base ii)To find the ratio and the height of the cone formed. Activity 21.To find the lateral surface area of a cone through activity.
33 onwards	Do the following activities in Lab Manual. Activity 17. To verify that the lengths of tangents drawn from an external point to a circle are equal. Activity 21 To find the lateral surface area of a cone through activity. Activity 22.To find Median of data graphically. Activity 23.Experimentally find the probability of all possible outcomes of two coins Activity 24.To get an idea of probability of an event through an activity of a pair of dice

Subject – Physics

Roll No.	Homework
1 to 8	Prepare one working model on any principles of Conservation of energy. Complete your Physics Practical file with Observation of Experiments 3-6.
9 to 16	Write and prepare a prototype model of any new innovative idea based on principles of Physics. Complete your Physics Practical file with Observation of Experiments 3-6.
17 to 24	Prepare one working model on any principles of Physics Complete your Physics Practical file with Observation of Experiments 3-6.
25 to 32	With the help of neat and labelled diagram draw ray diagrams of Convex and Concave Mirror showing different images obtained by changing object position.(5 each) Also learn there uses and solve at least 10 numerical each for both mirrors. Complete your Physics Practical file with Observation of Experiments 3-6.
33 onwards	With the help of neat and labelled diagram draw ray diagrams of Convex and Concave Lens showing different images obtained by changing object position.(5 each) Also learn there uses and solve at least 10 numerical each for both Lens. Complete your Physics Practical file with Observation of Experiments 3-6.

Subject – Biology & Chemistry

Roll No.	Homework
1 to 8	**Chemistry:** Prepare a neat project/report on Chemical Reactions and Equations. Include types of reactions with examples, daily-life applications, and 5 balanced chemical equations. **Biology:** Prepare a creative project/report on "Nutrition in Plants". Explain autotrophic nutrition, photosynthesis, raw materials required, role of chlorophyll, and adaptations in insectivorous plants. Add diagrams/flow charts and daily-life examples.
9 to 16	**Chemistry:** Write and learn 20 important chemical equations from Chapter 1. Balance them and identify the type of reaction. **Biology:** Prepare an attractive flow chart/project on "Nutrition in Animals". Explain ingestion, digestion, absorption, assimilation, and egestion with examples. Add diagrams of amoeba/human digestive system and include 5 one-mark questions with answers.
17 to 24	**Chemistry:** Make a chart/project on Acids, Bases and Salts. Include indicators, pH scale, common examples, and uses in daily life. **Biology:** Prepare a labelled diagram/model or chart on "Respiration in Plants". Explain aerobic and anaerobic respiration, exchange of gases through stomata/lenticels, and why plants respire day and night. Add one simple activity/observation.
25 to 32	**Chemistry:** Prepare notes on pH in everyday life with examples like soil, tooth decay, bee sting, ant sting, and digestion. **Biology:** Compare "Nutrition in Plants and Animals" in a creative table/poster. Include at least 8 differences, diagrams, keywords, and examples. Add 5 assertion-reason or competency-based questions with answers.
33 onwards	**Chemistry:** Prepare a mind map of Chapter 1: Chemical Reactions and Equations, covering oxidation, reduction, corrosion, rancidity, and types of reactions. **Biology:** Prepare a concept map/project on "Life Processes: Nutrition and Respiration". Connect nutrition in plants, nutrition in animals, respiration in plants, and respiration in human beings. Add diagrams, examples, and 10 short revision points.
Common Homework (for all students)	1. Learn all NCERT in-text and back-exercise questions from Chapter 1 Chemistry and Life Processes. 2. Maintain a neat holiday homework file with proper headings, roll number, class, and index. 3. Paste/draw labelled diagrams wherever required and write work in your own words. 4. Revise keywords and definitions: reaction, reactant, product, catalyst, oxidation, reduction, nutrition, photosynthesis, digestion, respiration, stomata, and lenticels.
Board Homework (for all students)	1. Solve previous year/CBSE sample-paper questions from Chemical Reactions and Equations and Life Processes. 2. Practice balancing at least 25 chemical equations. 3. Prepare a one-page quick revision sheet for each topic: Chemical Reactions, Nutrition, and Respiration. 4. Write 10 board-style questions with answers from Biology topics: nutrition in plants, nutrition in animals, and respiration in plants.

Subject - Social Science

Roll No.	**Homework**
1 to 13	1. Sustainable development Make a project on the significance of the issue sustainable development taking examples like groundwater and mineral reserves.
14 to 26	2.Social issue Take any of the social issues for example gender inequality at workplace, cruelty with animals, increasing use of pesticides in food etc. and prepare a detailed report. Present in a project file.
27 to 40	3. Consumer protection “Consumers are required to be protected especially when they are less in number, scattered and purchases in less quantity.” Make a project stating the ways how they are exploited at the marketplace? What are the rights available to them under Consumer Protection Act 2020 and redressal process available.