

PALLADIUM SCHOOL, HISAR
SESSION 2025-26
HOLIDAYS HOMEWORK
GRADE 9

SUBJECT	HOMEWORK
ENGLISH	1. News Anchor Video Assignment – Palladium Times Instruction: Create a three-minute video of yourself acting as a news anchor for Palladium Times. Hint: While reading, maintain eye contact with the camera and use a clear, confident tone—just like a real anchor. 2. Prepare a working Model based on Determiners to represent in English language exhibition. 3. Attempt the Unseen Passages (from given Worksheet) in English Notebook. 4. Learn and write Idioms and Phrases (35) from the given worksheet. Class test shall be conducted. 5. Formal letters on the topics – (a) Write a letter to the editor highlighting the problem of water scarcity in your locality and suggest possible solutions. (b) You ordered a set of textbooks from National Publishers, Delhi, but received damaged books. Write a letter of complaint asking for a replacement. (c) You are Rohit Verma from Lucknow. Apply for the position of Marketing Executive at a publishing company, highlighting your qualifications and experience.

HINDI	1. एक प्रोजेक्ट फाइल बनाएँ जिसमें 5 ऐसे दिव्यांग व्यक्तियों के चित्र नाम सहित चिपकाएँ जिन्होंने किसी विशेष क्षेत्र में अपना अभूतपूर्व योगदान दिया हो। चित्र के साथ उनके कार्यों का भी उल्लेख करें। (उदाहरण : हेलेन केलर - दृष्टिबाधित और श्रवणबाधित होने के बावजूद, हेलेन केलर ने शिक्षा और साहित्य में अपना महत्वपूर्ण योगदान दिया। अरुणिमा सिन्हा - एक भारतीय पर्वतारोही, अरुणिमा सिन्हा ने अपने पैर के नुकसान के बावजूद माउंट एवरेस्ट पर चढ़ाई की) इन व्यक्तियों ने अपनी दिव्यांगता के बावजूद अपने क्षेत्र में अद्वितीय योगदान दिया है और दूसरों के लिए प्रेरणा का स्रोत बने हैं। 2. 'कोशिश करने वालों की कभी हार नहीं होती' पंक्ति से आरंभ करते हुए आपके अपने जीवन से संबंधित एक महत्वपूर्ण घटना को कहानी का रूप देकर लिखिए। (A4 शीट का प्रयोग करें)। 3. कक्षा में करवाया गया कार्य दोहराएँ। 4. अपठित गद्यांश पर आधारित कार्य पत्रिका करें। 5. लेखक भीष्म साहनी द्वारा लिखी गई ज्ञानवर्धक पुस्तक 'तमस' का पठन करें। इस पुस्तक से आपने क्या सीखा? अवकाश के बाद इसके मुख्य तथ्यों पर कक्षा में चर्चा की जाएगी।
MATHS	● Practice MCQ, Assertion - Reason, Case Study Based Questions from Ncert Exemplar and MTG Foundational Book. <u>Roll No. 1 to 7 -</u> Prepare an Art Integrated Activity using Square Root Spiral <u>Roll No. 8 to 14 -</u> Prepare an Art Integrated Activity using different types of Quadrilaterals <u>Roll No. 15 to 21 -</u> Prepare an Art Integrated Activity using Coordinate Plane <u>Roll No. 22 to 28 -</u> Prepare a Geometric Park <u>Roll No. 29 to 35 -</u> Prepare a pi skyline

SCIENCE

- Practice MCQ, Assertion - Reason, Case Study Based Questions from Ncert Exemplar and MTG Foundational Book of chapters done in class.
- **Perform the following Experiments at your home and make a small video (10-20 sec.) and send it to Ms. Sonam/Ms. Mamta/Mr. Vikas.**

Roll No (1-5)

1. Dancing Raisins: Concept: Carbon dioxide and buoyancy

Materials: Soda (like Sprite or 7-Up), raisins, clear glass

Watch them rise and fall as bubbles attach and detach.

Roll No (6-10)

2. Design a board game for Periodic Table.

Instructions: Make it on Cardboard. Do not use Thermocol sheets.

Roll No (11-15)

3. To prepare a Hydraulic lift project/ model to demonstrate Pascal law .

Roll No (16-20)

4. Electric Potato / Soda Battery / Electric motor.

Materials: Potato or soda drink, copper and zinc electrodes, wires, LED or small buzzer.

How it works: Insert the electrodes into the potato or soda; connect them to an LED or buzzer. The chemical reaction generates enough electricity to light up the LED or make the buzzer sound.

Science behind it: Demonstrates electrochemical cells and energy conversion

Roll No (21-25)

5. Egg in a Bottle

Materials: Hard-boiled egg, glass bottle with a narrow neck, matches or lighter.

How it works: Light a match, drop it into the bottle, and quickly place the egg on top. The egg gets “sucked” into the bottle.

Science behind it: Demonstrates air pressure and vacuum.

	OR Prepare a game to make the concept of valency earlier for students. <u>Roll No (26-30)</u> 6. Foaming Lemon Volcano Materials: Lemon, baking soda, food coloring. How it works: Cut a lemon, add baking soda and food coloring. Watch as it foams and erupts. Science behind it: Acid-base reaction producing carbon dioxide gas. <u>Roll No (31-35)</u> 7. Color-Changing Flowers Materials: White flowers, food coloring, water. How it works: Place white flowers in colored water. Watch as the petals change color over time. Science behind it: Demonstrates capillary action and plant biology.
IT	1) Create a Practical File of the following units: ➤ Digital Documentation (Any 5 topics with pictures) ➤ Electronic Presentation (Any 5 topic with pictures) ➤ Information and communication Technology Skills (Any 5 Topics with pictures) ● Handwritten or printed (Both formats can be used as per your convenience) ● Name of the school and its logo, students' details (name, class, subject), submitted to and submitted by all such details must be included on the first page and second page must be indexed according to topics. 2) Project Work- Open a libreoffice Writer document or any other document and write an article on “How to improve your communication skills”. Also, add an appropriate image and headings to the document. Take the printout of the document and submit it with a Practical file. 3) Revise the complete syllabus covered in the class.

SST	Project 1- Every student has to compulsorily undertake a project on "ANY ONE" topic of Disaster Management. The topics are as follows: Earthquake Floods Cyclone Industrial Disaster Fire hazards Project report must contain following sub-topics: General information, definition and its types *Major causes *Effects *Pre and Post Disaster *Mitigation measures to be adopted *Prepare an Evacuation plan, if you face the same at your home/apartment/ locality/ school *Prepare 3 slogans/ a poster as part of the awareness programme in your school/locality Following are the guidelines for the project :- The project report must be handwritten including drawings, illustrations and creative use of materials. The handwritten project report will be presented in a neatly bound simple folder. The total length of the project report should not be more than 10-15 A-4 size sheets or assignment sheets. The project report should be framed in the following order: Cover page showing project title, student information, school and year. List of contents with page numbers Acknowledgement Introduction Background and Summary Conclusions based on your findings Bibliography *All the photographs and sketches should be labeled. Assignment 2: Prepare a model on any one of the following topics- Democracy System of courts Drainage system Assignment 3: Do map work of Ch 1 and 2 of Geography on A4 sheet separately. Assignment 4: Prepare 25 MCQs each of the following chapters done so far- The story of village Palampur The French revolution India: Size and Locations Physical features of India What is Democracy? Why Democracy? Constitutional design
SANSKRIT	● 14 प्रत्याहार सूत्र A3 शीट पर लिखें। ● उत्तर पुस्तिका में 5 पृष्ठ संस्कृत में सुलेख लिखें। ● दी गई कार्य पत्रिका करें।

PUNJABI	• Do 5 pages of sulekh ' ਸੁਲੇਖ ' in the notebook. • Make chart of ' ਅਗੇਤਰ ' on A3 sheet. • Do the given worksheet in the notebook.
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NOTE

"Behtar Kal Ke Liye Hamara Yogdaan"

Mandatory Activity – Plant a Tree

This summer, take a step towards a better tomorrow by planting a tree in your neighborhood.

Instructions:

- Record a short video while planting the tree at the beginning of your vacation.
- Record a second video after 15 days to show the growth and care of the plant.
- This activity is **mandatory** and carries **5 marks** in the **Social Studies** subject.

Let's contribute to a greener future together!