

Class IX (2025-2026)
Holidays Homework

SUBJECT	
ENGLISH	<p>"News Report from My Holiday" - Factual Reporting:</p> <p>Mimic the layout of a real newspaper with a bold headline, columns for the news story, and perhaps a small "photograph" or illustration related to the event. You could even include a "byline" (your name as the reporter).</p> <p>Do on A3 Size .</p>
<p>HINDI.</p> <ul style="list-style-type: none"> समस्त पठित पाठ्यक्रम की पुनरावृत्ति कीजिए। भाषा शब्द भंडार की वृद्धि हेतु प्रतिदिन हिंदी समाचार पत्र पढ़िए। <p>IX A,C (मॉडल निर्माण) विषय - प्राकृतिक ऊर्जा संसाधन</p> <p>IX E,F (संकलन पुस्तिका) विषय - औषधीय पौधों के नाम, चित्र, और गुणों का संकलन</p> <p>IX G,H (चार्ट/पोस्टर- निर्माण) विषय - हरित भविष्य के नये आयाम</p> <p><u>निर्देश-</u> मॉडल अथवा चार्ट बनाते समय आप चित्रों, फ्लैश कार्ड , अखबार की कटिंग , थर्माकोल, कार्डबोर्ड व अन्य उपकरणों का प्रयोग कर सकते हैं। समस्त कार्य हस्तलिखित होना चाहिए।</p> <p>निर्णय मानदंड- विषय वस्तु- 2 अंक रचनात्मकता - 2 अंक भाषायी शुद्धता- 1 अंक</p>	
MATHEMATICS	<p>Class/Sec 9A ,9B ,9C</p> <ul style="list-style-type: none"> Design and create a 3D model of a 'Nature Park' using a variety of geometrical shapes. Give your park a creative and meaningful name. On a separate A4-size sheet, list all the geometrical shapes you used in the model, along with their definitions and key properties (such as number of sides, angles, faces, etc.).

	<p>Class/Sec 9D ,9E ,9F</p> <ul style="list-style-type: none"> • Create a painting in any traditional art form such as Mandala art, Warli art, or Madhubani art. Get your artwork framed in an A3-size frame. Additionally, on a separate A4-size sheet, write about the mathematical tools and concepts used in the chosen art form (such as symmetry, geometry, patterns, etc.). <p>Class/Sec 9G, 9H</p> <ul style="list-style-type: none"> • Create a 3D model based on any mathematics topic you studied in the previous class. Choose a relevant case study question from that topic, and solve it neatly on a separate A4-size sheet. Be creative and ensure your model clearly represents the concept.
SCIENCE	<p>THE SUSTAINABLE DEVELOPMENT PROJECT TARGET KEY AREAS SUCH AS CLEAN ENERGY (SDG 7), RESPONSIBLE CONSUMPTION AND PRODUCTION (SDG 12), CLIMATE ACTION (SG 13)</p> <p>Going with the theme GREEN FUTURE: LIVING GREEN, SUSTAINABLE TOMORROW</p> <p>ALL THE STUDENTS ARE REQUIRED TO DO THE FOLLOWING TASKS:</p> <p><u>TASK 1</u> RESEARCH AND TABULATE THE BENEFITS OF AN ELECTRIC VEHICLE INCLUDING LOWER EMISSIONS AND COST SAVINGS.COMPARE THEM WITH A PETROL/DIESEL VEHICLE.INCLUDE RELEVANT PICTURES WITH IT. (TO BE DONE ON GREEN A4 SIZE SHEET).</p> <p><u>TASK 2</u> PREPARE A COLORFUL COLLAGE SHOWING METHODS TO PROMOTE ENERGY EFFICIENT PRACTICES IN EVERYDAY LIFE.ADD A CATCHY SLOGAN WITH IT. (TO BE DONE ON A3 SIZE SHEET)</p> <p><u>TASK 3</u> TO BE DONE AS PER YOUR ROLL NOS</p> <p><u>PHYSICS (ROLL NO 1-15)</u></p> <p><u>ROLL NO 1-5</u> PREPARE A WORKING MODEL TO DEMONSTRATE CIRCULAR MOTION EXPLAINING THE CONCEPT OF CENTRIPETAL FORCE.</p>

ROLL NO 6-10 PREPARE A WORKING MODEL OF A HYDRAULIC LIFT.

ROLL NO 11-15 PREPARE A WORKING MODEL TO SHOW THAT SOUND NEEDS A MEDIUM TO TRAVEL.

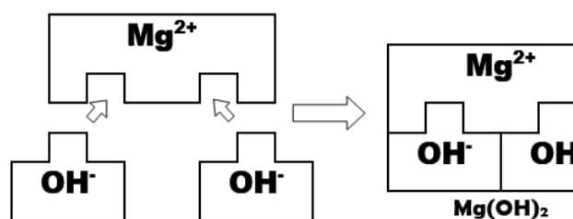
CHEMISTRY (ROLL NO 16-30)

ROLL NO 16-20

Create a 3D Model using common materials that clearly shows the difference between elements, compounds, mixtures & it's types. Some common materials that you can use are : coloured beads, balls, clay, play dough, marbles, toothpicks, small sticks, nuts bolts n washers, legos, papers and markers for labels etc.

ROLL NO 21-25

Design a game / puzzles/model that helps practice writing the correct chemical formulas of compounds using element symbols and their valencies. For example



ROLL NO 26-30

Build a 3D Model to show electron distribution in Bohr's Model of Atom for any one element (oxygen/carbon/nitrogen).

BIOLOGY (ROLL NO 31-45)

ROLL NO 31-33: Prepare a 3-D model to represent a plant cell or animal cell to show various cell organelles.

OR

Create a game to represent a plant cell or animal cell to show various cell organelles and their functions.

ROLL NO 34-36: Depict the process of cell divisions namely mitosis and meiosis using infographics.

	<p><u>ROLL NO 37-39:</u> To prepare a model showing structural features of anyone of the following plant tissues:</p> <ul style="list-style-type: none"> • Parenchyma • Collenchyma • Sclerenchyma • Xylem • Phloem • Epidermis • Cork <p><u>ROLL NO 40-42:</u> Prepare a model showing structural features of anyone of the following animal tissues:</p> <ul style="list-style-type: none"> • Epithelial • Connective • Muscular <p><u>ROLL NO 43-45:</u> Prepare a photo gallery depicting the various cropping patterns with their features and combination of crops.</p> <ul style="list-style-type: none"> • Mixed Cropping • Inter Cropping • Crop Rotation
SOCIAL SCIENCE	<p>TASK-1</p> <p>Every student has to compulsorily undertake a project on Disaster Management from the following topics highlighting cause, effect, preparedness with the help of two case Study from the recent past.:</p> <p>Natural Disasters - Floods in India</p> <p>OR</p> <p>Man made Disasters- Terrorism and its impact on human Life</p> <p>Objective:</p> <ul style="list-style-type: none"> • The overall objective of the project work is to help students gain an insight and pragmatic understanding of the theme

and see all the Social Science disciplines from an interdisciplinary perspective.

- It should also help in enhancing the Life Skills of the students.

Students are expected to apply the Social Science concepts that they have learnt over the years in order to prepare the project report.

- If required, students may go out for collecting data and use different primary and secondary resources to prepare the project.

- If possible, various forms of art may be integrated in the project work.

Make an Album as a project work with 10-12 written pages. The project should include relevant pictures, newspaper articles, map of India to locate affected areas etc.

The distribution of marks over different aspects relating to Project Work is as follows: .

- a. Content accuracy, Originality and Analysis: 2m
- b. Presentation and Creativity: 2m
- c. Viva Voice: 1m

TASK-2

TASK-2

Ahilyabai Holkar- India's most respected female ruler.

1. Prepare a project(handwritten) of 5- 6 pages on Ahilyabai Holkar . You may use A4 sheets or scrapbook.

Use text, pictures and creative elements.

Content to include-

-Introduction

	<p>-Her Rise to power</p> <p>-Administrative Skills</p> <p>-Cultural and Religious Contributions</p> <p>-Legacy</p> <p>-Lesser known facts about her personality or rule.</p> <p>(Roll nos 1-25)</p> <p>2. a) Map Activity</p> <p>On the outline political map of India- Mark the places where Ahilyabai Holkar built temples and did development work. (eg Kashi Vishwanath, Gaya, Somnath) Draw a Portrait of her or temple she built. Paste on A4 size sheets.</p> <p>b) Create a pictorial Timeline of Ahilyabai Holkar 's life highlighting her early years, marriage and reign as the Queen of Malwa</p> <p>Use 2-3 A4 size sheets to compile your work and make it colourful.</p> <p>(Roll number 26 onwards)</p> <p>TASK-3</p> <p>Revise the syllabus covered during the months of April and May. Read all chapters thoroughly.</p>
SANSKRIT	<p>कक्षा नवमी बी - <u>परियोजना कार्यम् -</u></p> <p>‘वृक्षाणाम् पर्यावरणसंरक्षणे महत्त्वम्’ इति विषयम् अधिकृत्य A4 परिमिते प्रपत्रे संस्कृभाषया सचित्रम् एकम् अनुच्छेदं अथवा श्लोकम् लिखन्तु। तं प्रपत्रं सुन्दरतया सज्जीकुर्वन्तु।</p>

	<p><u>पुनरावृत्तिः -</u></p> <p>निम्नलिखितविषयाणां पुनरावृत्तिं कुर्वन्तु ।</p> <ul style="list-style-type: none">● चित्रवर्णनम्● पत्रलेखनम्● शब्द रूपाणि● धातुरूपाणि <p>कक्षा नवमी डी - <u>परियोजना कार्यम् -</u></p> <p>‘ओषधिरूपेण वृक्षाणाम् उपयोगिताः’ विषये A4 परिमिते प्रपत्रे संस्कृभाषया सचित्रम् एकम् अनुच्छेदं अथवा श्लोकम् लिखन्तु। तं प्रपत्रं सुन्दरतया सज्जीकुर्वन्तु।</p> <p><u>पुनरावृत्तिः -</u></p> <p>निम्नलिखितविषयाणां पुनरावृत्तिं कुर्वन्तु ।</p> <ul style="list-style-type: none">● चित्रवर्णनम्● पत्रलेखनम्● शब्द रूपाणि● धातुरूपाणि
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