



PRESTIGE PUBLIC SCHOOL

The School with a difference

Prestige Vihar, Sch. No. 74-C, Sec. – D, Vijay Nagar, Indore-10 (M.P.)

☎: 0731-4016666, 4016625

Web: www.prestigeschool.org

email- info@prestigeschool.org, prestigepublicschool@gmail.com



Summer Assignment and Projects (2025-26)

Class: IX

S.no.	Subject	Summer Assignments and Projects
1	English	1. Influence of Gadgets on Human Relations: Tools for the data collection -Home Visit, Questionnaire and Interview. 2. Explain any 10 Literary Devices with appropriate examples.
2	Hindi	हिंदी साहित्य को कितने युगों में विभाजित किया गया है? उनका समय / काल बताते हुए संक्षिप्त परिचय दीजिए-(अनिवार्य प्रश्न) 1) प्रत्येक काल की दो-दो विशेषताओं का वर्णन करते हुए, प्रमुख रचनाकारों के नाम, प्रमुख रचनाओं के साथ लिखिए। मॉडल / परियोजना निम्नलिखित विषय पर मॉडल अथवा परियोजना कार्य तैयार कीजिए। 1) दुःख का अधिकार कहानी का संक्षिप्त, चित्रात्मक परिचय दीजिए। (अनुक्रमांक 1-12) 2) गंगा नदी के उद्गम से लेकर, बंगाल की खाड़ी में मिलने तक की यात्रा की परियोजना / मॉडल तैयार कीजिए। (अनुक्रमांक 12-24) 3) समुद्र मंथन में निकलने वाले 14 रत्न, मंदराचल पर्वत, देव-दानव आदि को दिखाते हुए परियोजना / मॉडल तैयार कीजिए। में से किसी एक विषय पर मॉडल अथवा परियोजना कार्य तैयार कीजिए। (अनुक्रमांक 24-37)
3	Math	1) PROBABILITY: Create a physical model that simulates random events and demonstrates probability concepts. This could be a dice rolling mechanism, a spinner, or even a model simulating coin flips, with a focus on calculating and visualizing probabilities. The project could also include a written component explaining the principles behind probability and the model's design. (Roll no. 1-7) 2) CONGRUENCY OF TRIANGLES: Make a 3D model or a flat art piece, representing various congruence rules (SSS, SAS, ASA, and RHS) and depicting each triangle pair in Warli art style. (Roll no. 8-14) 3) SURFACE AREAS AND VOLUMES: Create a 3D model or chart

		<p>demonstrating how to calculate surface areas and volumes of shapes like cubes, cuboids, cylinders, cones, sphere etc. or demonstrate that the volume of a cone is one third of the volume of a cylinder with the same base and height. (Roll no. 15-21)</p> <p>4) COORDINATE GEOMETRY: Prepare a working model of the Cartesian plane using beads and thread. The beads can be used to represent points, and thread can be used to connect these points, creating lines or to represent axes. (Roll no. 22-29)</p> <p>5) ALGEBRAIC IDENTITIES: Make a model on common algebraic identities like $(a + b)^2 = a^2 + 2ab + b^2$ etc. (Roll no. 30-37)</p>
4	Science	<p>Working Model, Chart, and Presentation All students are required to prepare a working model based on the assigned topic. A chart and presentation must also be prepared.</p> <p>Instructions:</p> <ul style="list-style-type: none"> - Working Model: Create a 3D working model that demonstrates your chosen topic. Ensure accuracy, labeling, and neat presentation. - Chart: Prepare a labeled chart illustrating the different components of your topic. Include diagrams and explanations. - Presentation: Create a 5-7 minute presentation explaining the working model and chart. Include key points, diagrams, and images. <p>Requirements:</p> <ul style="list-style-type: none"> - Working model: Cardboard, clay, or other craft materials - Chart: Handmade on chart paper - Presentation: Use diagrams, flowcharts, and illustrations <p>Submission Guidelines:</p> <ul style="list-style-type: none"> - Submit working model, chart, and presentation on the designated date - Ensure all components are neatly labeled and presented <p>Note: List of models with assigned roll numbers will be shared separately.</p>
5	Social Studies	<p>1. Disasters and ways to deal with them: Prepare a project/model/working model on any Disaster Management (natural disaster e.g. flood, Thailand earthquake, drought, volcanic eruption etc. or a man-made disaster e.g. Pahalgam terrorist attack, Bhopal Gas Tragedy etc.) (Roll no.1-7)</p> <p>2. Prepare a model depicting River Ganga & its tributaries. (Roll no.8-14)</p>

		<p>3. Create a map showing different physical features of India: Mountain ranges, Northern Plains, Indian Desert, Peninsular Plateau, etc. (Any biodegradable material can be used creatively). (Roll no.15-21) * Map Dimensions: Length- 23 inch and Width- 17 inch.</p> <p>4. Prepare a chart showing Democracy and its features. (Chart should be creative and pictorial). (Roll no. 22-29)</p> <p>5. Create a model of village Palampur depicting the major agricultural activities like crop production and non-farming activities like dairy, transport, small scale manufacturing unit etc. (Roll no. 30-37)</p>
6	A.I.	<p>TOPIC: Exploring career paths in AI Carry out research on various career paths in the field of AI to get information about the roles, skills, qualifications, and future prospects associated with each position. The aim of the project is to provide an overview of the career opportunities in the field of AI and the demand and growth in the field. Points to consider:</p> <p>Selection: Select a specific career path in AI (e.g. data scientist, machine learning engineer, AI researcher. or AI ethics specialist) for your research. Define the points of your research by considering factors such as the importance of the role in the industry and its demand in the job market</p> <p>Role Overview: Write details of the selected career path, explaining the responsibilities, tasks, and objectives of the role. Discuss the main focus areas, such as data analysis, algorithm development, model training, or ethical considerations, within the chosen career path.</p> <p>Skills and Qualifications: Identify and describe the soft skills and qualifications required for the selected career path. Include technical skills, programming languages, knowledge of AI algorithms, and any certifications or degrees that are typically required for this line of career.</p> <p>Growth and Demand: Explore the current and projected demand for professionals in the chosen career path. Discuss the growth opportunities, market trends, and sectors where the role is in demand.</p> <p>Presentation : Compile your research findings into a project report using a word processor of your choice.</p>

❖ **Kindly follow the given instructions:**

- ❖ The model should be creative, informative, and visually appealing.
- ❖ Use appropriate materials and tools to create the model.
- ❖ Include a brief description or label explaining the concept or idea behind the model.
- ❖ Ensure the model is sturdy and can be easily transported.
- ❖ Start working on your project early to avoid last-minute rush.
- ❖ Research and gather information about the topic to ensure accuracy.
- ❖ Be creative and think outside the box!
- ❖ Your project will be exhibited.