

## **BIRLA SCHOOL, PILANI (RW)**

**Summer Vacation Home assignment (SVHA) session 2025-26 For class - 6**

ENGLISH	<p><b>1. Write a travelogue in about maximum 150 words in a scrapbook choosing any place real or imaginary and write three fun facts about it with a small map, drawing or pictures.</b></p> <p><b>2. Write two stories of about 100 words each based on the pictures of your choice.</b></p> <p><b>Do both the questions together in the scrapbook.</b></p>
HINDI	<p><b>दिए गए कार्य को उत्तरपुस्तिका में करें।</b></p> <p><b>1- किसी एक कविता की रचना करके चित्र का निर्माण कर उसमें रंग भरें।</b></p> <p><b>2- अपनी मनपसंद कोई एक कहानी लिखिए।</b></p> <p><b>3- ग्रीष्मावकाश पर अपनी किसी एक यात्रा वृत्तान्त का वर्णन करें।</b></p>
SANSKRIT	<p><b>दिए गए कार्य को उत्तरपुस्तिका में करें।</b></p> <p><b>1. संस्कृत में वर्णमाला लिखिए।</b></p> <p><b>2. संस्कृत संख्या - 1 से 50 तक लिखिए।</b></p> <p><b>3. संस्कृत में पाँच श्लोक लिखकर याद करिए।</b></p>
MATHEMATICS	<p><b>1. Find the prime numbers between 1 to 100 by the sieve of Eratosthenes method on A4 size paper.</b></p> <p><b>2. Observe different times in a clock during a day. Classify the angle formed between the minute hand and hour hand as acute, obtuse, straight, reflex and right angle. Express the above information on a chart paper.</b></p> <p><b>3. Prepare a chart of Indian and international system, up to Crore/Billion.</b></p> <p><b>4. Draw and colour all the geometrical shapes with their properties on the chart paper (like rectangle, square, triangle and circle).</b></p>
SOC.SC	<p><b>1. Map work (Use separate map for each):-</b></p> <p>a) Locate and label states and Capitals on Political map of India.</p> <p>b) Locate and label union territories on Political map of India.</p> <p>c) Locate and label Arabian Sea, Bay of Bengal, Andaman and Nicobar Islands and Lakshadweep Island on Physical map of India.</p> <p>d) Locate and label Continents and Oceans on Physical map of World.</p> <p><b>2. Show the cardinal directions through diagram. (Use one A4 sheet to show).</b></p> <p><b>3. Show the intermediate directions through diagram. (Use one A4 sheet to show).</b></p> <p><b>4. Draw Latitudes and write down important points about latitudes.</b></p> <p><b>5. Draw Longitudes and write down important points about latitudes.</b></p> <p><b>6. Make a chart of Common symbols use in map.</b></p> <p><b>7. Make a collage of festivals celebrated in India.</b></p> <p><b>8. Make a collage of food diversity of India.</b></p> <p><b>9. Make a list states and languages spoken.</b></p> <p><b>10. Make your family tree and show the relations (paste the photos of family members).</b></p>
SCIENCE	<p><b>Q1. The Nutrient Narrative: A Visual Story of Food and Health"</b></p> <ul style="list-style-type: none"><li><b>Research Element:</b></li></ul>

- Research the major classes of nutrients (carbohydrates, proteins, fats, vitamins, and minerals) and their specific roles in maintaining human health.
- Investigate the causes, symptoms, and long-term effects of various deficiency diseases (e.g., scurvy, rickets, anaemia). Express your work in tabular form using pictures or drawings explaining sources of nutrients, their importance and deficiency diseases associated with them.
- Explore the global prevalence of malnutrition and deficiency diseases, considering factors like socioeconomic status, food accessibility, and dietary habits. Write an article by pasting pictures and other relevant information.
- Research the relationship between diet, nutrient intake, and overall well-being, including physical and mental health. Explore fortified foods, regulations to control food quality in India. Paste or draw relevant pictures, information, logos to make your work more presentable.
- Paste pictures related to nutrients their importance, newspaper/magazine clippings or any available material like wrappers of food item with nutritional information, drawings in scrap book
- **Art Integration:** Create a "Nutrient Narrative" art exhibit or presentation that visually communicates the importance of nutrients and the consequences of their deficiency. This could include:
  - Infographics or data visualizations that illustrate the prevalence of deficiency diseases in different populations.
  - A series of artistic representations (e.g., illustrations, sculptures,) that depict the effects of specific nutrient deficiencies on the human body.
  - A collection of personal stories or case studies (presented through visual art) that highlight the impact of malnutrition and deficiency diseases on individuals and communities. Write an article on mid-day meal programme launched by government of India and its importance.

Write an article to raise awareness about the crucial role of nutrients in food and the importance of a balanced diet in preventing deficiency diseases and promoting global health.

Considering the diverse food choices available, from traditional cuisine to modern snacks and fast food, how do the nutritional components of these foods affect our health and well-being, and how can we make informed dietary choices to support a healthy lifestyle and sustainable food practices in our community?" Paste pictures and draw related diagrams to make your work more visually interactive.

- Analysing the nutritional content of popular dishes of different states of India and evaluating their contribution to a balanced diet.
- Investigating the impact of fast-food consumption and food size on health.

- Exploring the benefits of incorporating locally sourced and seasonal foods into our diets.
- Researching sustainable farming practices and their role in promoting healthy eating and environmental sustainability.

**Q2.** Many changes happen around us every day, from cooking food and weathering rocks to the changes our bodies undergo as we grow. How can we determine whether these changes are physical or chemical, and how do these changes impact our daily lives and the environment, record all these changes and classify them in a tabular form? (Any two changes daily and reason for categorising them record them in your scrap book)

- **Observe everyday phenomena:** Students should look for examples of changes happening in their homes, and local environment.
- **Classify changes:** They will need to differentiate between physical / chemical, slow/ fast, reversible/ irreversible, endothermic, exothermic changes based on their characteristics.
- Investigating the physical and chemical changes.
- Studying the effects of weathering and erosion on local rock formations or historical structures.
- Examining the chemical changes associated with air pollution and its impact on the local environment.
- Exploring the role of chemical changes in the production of materials used in everyday life.

**Q3. Make a working model on any topic you like** after observing your immediate surroundings – be it your school, home, neighbourhood, or even the broader community – identify a recurring everyday problem or inefficiency that impacts people's lives. Formulate a specific question about this problem that you aim to answer through research and the development of a tangible solution. Your task is to then conduct authentic research to understand the problem's root causes and existing attempts at solutions. Based on your findings, design and build a functional prototype of your innovative solution. Finally, analyse the economic viability of your prototype and present a working model that demonstrates its practical application."

**OR**

**Design a board game** that educates players about a specific science topic.

It should include:

1. A clear description of the game.
2. A detailed outline of the game rules, including how players can win.
3. A list of all the materials required to create the game (e.g., game board, cards, playing pieces).
4. Instructions on how the game can be visually engaging and interactive.

	<b>NOTE : (DO SCIENCE HOMEWORK IN SCRAPBOOK)</b>
A.I.	<p><b>Instructions:</b>          Complete the following three fun and thoughtful tasks during your summer break.          Use your creativity and try to connect your learning with other subjects. Be prepared to share or present your work after the holidays.          Use your own ideas, draw neatly, and write clearly in your own words.</p> <p><b>1. AI Around Us (Social Science + AI):</b>          Imagine you are a travel blogger visiting a new city.  <b>Task:</b> Use any web service (like Google Maps, Zomato, or weather apps) to plan your one-day trip. Write a short travel diary entry (150–200 words) describing:</p> <ul style="list-style-type: none"> <li>• Places you visited using Maps</li> <li>• Food you ordered using a delivery app</li> <li>• Weather updates you checked</li> <li>• How web services helped you on your trip</li> </ul> <p><b>2. What's on the Web? (Observation Task)</b>          Look around your home or talk to your family. Find <b>any 2 apps or websites</b> they use (like YouTube, Google Maps, Swiggy, etc.).  <b>Task:</b> Write the name of each app and what it helps us do. You can also draw its logo.</p> <p><i>Example:</i></p> <ul style="list-style-type: none"> <li>• App Name: YouTube</li> <li>• Use: To watch videos and learn new things</li> </ul> <p><b>3. Draw Your Own App (Drawing + Thinking)</b>          Imagine you have your own mobile app that helps students.  <b>Task:</b> Draw your app on paper. Give it a name and write one sentence about what it does. Be creative!</p>
PAINTING	
MUSIC	<p><b>'सारे जहां से अच्छा हिन्दुस्तां हमारा'</b></p> <p>1. इस देशभक्ति गीत को उत्तरपुस्तिका में लिखिए ।</p> <p>2. उपरोक्त देशभक्ति को याद करिए ।</p> <p>3. दर्पण के सामने खड़े होकर उपरोक्त गीत को सुर - लय - ताल में गाने का प्रयास करिए।</p>