

BIRLA SCHOOL, PILANI (RW)_Class 7th**Summer Vacation Home assignment (SVHA) session 2025-26**

ENGLISH	<p>Creative and interdisciplinary holiday homework for class 7 English</p> <p>Objective: develop narrative skills, character analysis, digital literacy, language creativity and critical thinking.</p> <p>I. Treasure Hunt-- Grammar (English + Science + Outdoor Learning)</p> <p>Task: Go on a nature walk and note down 10 interesting things you see. Write 20 sentences using at least one noun, verb, and adjective per sentence and underline them.</p> <p>II. Dialogue Across Time (English + History)</p> <p>Task: Imagine a conversation between two people from different historical periods (e.g., a great personality from the past and a modern child). Write a 30-line dialogue script.</p> <p>III. News Article (English + Media Studies + Civics)</p> <p>Task: Collect one news article and paste it on a file page (from a newspaper or online). Summarize it in your own words and write:</p> <ol style="list-style-type: none">1. Summary (60 words approx.)2. What is the main issue? (25 words approx.)3. Whose point of view is presented? (20 words approx.)4. What questions do you have after reading? (30 words approx.) <p>Note:</p> <ol style="list-style-type: none">1. Holiday assignment is to be done in separate file pages not in English notebook.2. Make a cover page with all your details (name, class, subject etc.).3. Cover those file pages with a chart paper and do some artwork on it.
HINDI	<p>दिए गए कार्य को उत्तर पुस्तिका में करें।</p> <ol style="list-style-type: none">1- अपनी स्वरचित कविता लिखकर उसका भाव भी स्पष्ट करें।2- ग्रीष्मावकाश पर अपनी किसी एक यात्रा वृत्तान्त का वर्णन करें।3- “परोपकार” इस विषय पर एक लघुकथा लिखिए।
SANSKRIT	<p>दिए गए कार्य को उत्तर पुस्तिका में करें।</p> <ol style="list-style-type: none">1 बालक, बालिका और फल शब्द के रूप लिखिए।2 संस्कृत संख्या – 1 से 50 तक लिखिए।3 संस्कृत में पाँच श्लोक लिखकर याद करिए।
MATHEMATICS	<ol style="list-style-type: none">1. Note down the temperature of your city for a week and represent data through bar graph.2. Create a power point presentation on integer operations: addition, subtraction multiplication and division.3. Create an interactive model to illustrate different types of fractions.4. Gather information about two renowned mathematicians including their pictures and contributions.
SOC.SC	<ol style="list-style-type: none">1. Geography Challenge: ** Prepare a detailed tabular list of all A. Indian states and union territories along with their capitals. Write them neatly and memorize them for a quiz after the holidays! B. Use colour coding to differentiate states and union territories and add images for better visualisation include fun facts about some capital.2. Earth Science Project: Create a project file on the interior of the Earth and the rock cycle. A. You may use drawings of chapter to make your project visually appealing with explanation.

	<p>3. History Exploration: Visit a historical monument of your choice. Observe its architecture, surroundings, and historical significance. Write an essay (150 words) on your experience, highlighting interesting facts about the monument. Like</p> <p>A. Who built it which year and why.</p> <p>B. Architectural style material used unique design and special feature.</p>
SCIENCE	<p>Q1. "Considering the diverse materials, we encounter daily – from the utensils in our kitchens and the wires in our electronics to the building materials around us and even the air we breathe – how do the fundamental differences in the properties of metals and non-metals influence the design, function, and sustainability of these everyday objects and systems in our local context?"</p> <ul style="list-style-type: none"> Possible avenues of inquiry stemming from this question could include: Investigating the thermal and electrical conductivity of materials used in cooking. Find and write meanings of the keywords related with metals and non-metals, Comparing the strength, density, sonority, conductivity, ductility and malleability of metals used in construction with the properties of non-metals used for insulation. Researching the extraction and processing of common metals and non-metals and their environmental impact. Exploring alternative, more sustainable materials that could replace traditional metals or non-metals in specific applications relevant to community. <p>Q2. Edible Engineering: Designing a Sustainable Snack Packaging.</p> <ul style="list-style-type: none"> Research Element: Investigate different types of food packaging materials currently used for snacks. Research their environmental impact, focusing on issues like plastic waste and biodegradability. Explore alternative, more sustainable materials, including edible options (e.g., seaweed-based packaging, fruit leather wraps, edible cutlery). Explore and write how many types of plastics are used in packaging, (paste pictures) their impact on health and environment and ways to avoid them, Paste or draw pictures of different types of plastics, logos their meaning and health hazards associated with them, relevance of 4R's and implementation in daily life. Investigate and write details of how we can make compost pit draw pics or paste them. Record all your research work in scrap book. Art Integration: Design and create a model or detailed sketches of your own sustainable snack packaging. This could involve using natural materials or designing a novel edible packaging. Create an advertisement (poster, or comic strip) that showcases the benefits of your design, highlighting both its functionality and environmental friendliness. <p>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."</p> <p style="text-align: center;">OR</p> <p>Design a board game that educates players about a specific science topic. It should include:</p> <ol style="list-style-type: none"> A clear description of the game. A detailed outline of the game rules, including how players can win. A list of all the materials required to create the game (e.g., game board, cards, playing pieces). Instructions on how the game can be visually engaging and interactive

A.I.

🎮 Holiday Assignment – *Beetle in the Maze: DIY Maze Game*

Dear Students,

This holiday, boost your creativity and coding skills with an exciting challenge:

"Beetle in the Maze – DIY Maze Game (Example)" using **PictoBlox**.



◆ **Objective:** Design a maze game where a beetle (or any sprite) navigates through obstacles to reach the goal.

◆ **Software:** **PictoBlox** (download from www.pictoblox.ai)

◆ **File Format:** Submit in .sb3 format only.

◆ **Submission Link:** [Submit Here](#) (From School official email only)

Or



QR Code:

MUSIC

Learn and write two bhajans and two patriotic songs in your music copy.