



**ST. JOSEPH'S SCHOOL, MAHARAJGANJ**  
**Summer Vacation Holiday Homework**  
**CLASS 8**

<b>SUBJECTS</b>	<b>TOPIC / PORTION</b>
<b>ENGLISH</b>	<p><b>“Emoji Story Challenge”</b></p> <ol style="list-style-type: none"><li>1. Students write a full story using emojis between sentences. Example: “I opened the door ☹ and saw...”</li><li>2. Write a travelogue about a place you visited during your summer vacation.</li></ol>
<b>HINDI</b>	<ul style="list-style-type: none"><li>● अपनी दिनचर्या को पाँच लाइनों में व्यक्त करें। ( 21/05/26 - 20/06/26 )</li><li>● अपने परिवार के सदस्यों में से जिसे सबसे ज्यादा प्यार करते हैं उनके लिए 6 से 8 लाइन की कविता लिखिए । (A4 शीट)</li><li>● अपनी पाठ्यपुस्तिका 'दिशा' से किसी एक लेखक लेखिका अथवा कवि व कवयित्री का जीवन परिचय लिखिए । (A4 शीट)</li></ul>
<b>MATHEMATICS</b>	<p><b><u>TOPIC.1. Data Handling &amp; Case Study</u></b></p> <p><b><u>Task:</u></b> Track the maximum and minimum daily temperatures of your city for any 7 consecutive days of your summer vacation using a newspaper or weather app.</p> <p><b><u>Representation:</u></b> Record the data in a tabular frequency distribution table.</p> <p><b><u>Analysis:</u></b> Draw a double bar graph to compare the maximum and minimum temperatures and calculate the average maximum temperature for the week.</p> <p><b><u>TOPIC.2. Mensuration in Real Life</u></b></p> <p><b><u>Objective:</u></b> To explore and calculate the surface area and volume of various 3D shapes found in daily life.</p> <p>To understand how 2D nets fold into 3D objects.</p> <p><b><u>TOPIC .3. Make a formula diary from your text book of on the following chapter:</u></b></p> <ol style="list-style-type: none"><li>1. Exponent</li><li>2. Mensuration (Parameter and Area)</li><li>3. Divisibility Rule of 2,3,4,5,6,7,8,9,11</li></ol>
<b>SANSKRIT</b>	<ul style="list-style-type: none"><li>● भारत के पांच प्रतीक चिन्हों का चित्र के साथ वर्णन संस्कृत में करें ।</li><li>● पांच संस्कृत श्लोक लिखकर उसका अर्थ लिखिए ।</li></ul>
<b>SST</b>	<p><b>1.HistoryMapWork</b></p> <p>A.Revoltof1857–ImportantCentres</p> <p><b>Locate and label on the political map of India:</b></p> <p>Meerut, Delhi, Kanpur, Lucknow, Jhansi, Barrackpore, Gwalior</p> <p>B. Important Centres of the Freedom Movement</p> <p>Champaran, Dandi, Amritsar, Sabarmati Ashram, Chauri Chaura</p>

	<p>C. Major European Trading Centres in India Surat, Madras(Chennai), Bombay(Mumbai), Calcutta(Kolkata), Pondicherry, Goa</p> <p><b>Geography Map Work</b></p> <p>A. Physical Features of India(Mark and label): Himalayas, Northern Plains, Thar Desert, Deccan Plateau, Western Ghats, Eastern Ghats, Coastal Plains</p> <p><b>3.Civics/Political Map Work</b></p> <p>A. States and Capitals of India Learn and mark all states and capitals.</p> <p>B. Union Territories Locate and label all Union Territories.</p> <p>C. Neighboring Countries of India Pakistan, China, Nepal, Bhutan, Bangladesh, Myanmar, Sri Lanka</p> <p><b>Instructions-</b></p> <ul style="list-style-type: none"> <li>• Use neat hand writing and proper labeling.</li> <li>• Use color pencils for different features.</li> <li>• Draw map symbols and a key/index.</li> <li>• Complete all map work on separate maps.</li> </ul>									
<p><b>SCIENCE</b></p>	<ol style="list-style-type: none"> <li>1. Project work: draw a colored and well labeled diagram of plant or animal cell on chart paper.</li> <li>2. Write the difference between animal and plant cell on an A4 sheet paper.</li> <li>3. Write a note on an A4 sheet on the topic “What is health and healthy diet we should follow”.</li> </ol>									
<p><b>COMPUTER</b></p>	<p><b>Make a Project File on “Artificial Intelligence in Robots”.</b></p> <p><b>Topics:</b></p> <ol style="list-style-type: none"> <li>1. What is AI?</li> <li>2. How robots think and work.</li> <li>3. Examples of AI robots</li> <li>4. Benefits in education and Health care.</li> <li>5. Types of Robots: Industrial robots, Medical robots, Military robots, Domestic robots (vacuum cleaner robots), Space robots</li> </ol> <p><b>(Order of page)</b></p> <table border="0"> <tr> <td>1. Title/Cover Page</td> <td>2. Certificate page</td> <td>3. Acknowledgment</td> </tr> <tr> <td>4. Index</td> <td>5. Main project content</td> <td>6. Conclusion</td> </tr> <tr> <td>7. Bibliography )</td> <td></td> <td></td> </tr> </table>	1. Title/Cover Page	2. Certificate page	3. Acknowledgment	4. Index	5. Main project content	6. Conclusion	7. Bibliography )		
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<p><b>GENERAL KNOWLEDGE</b></p>	<ol style="list-style-type: none"> <li>1. Write 20-20 questions on current affairs for month May and June.</li> <li>2. Paste pictures of 10 Celestial (heavenly) bodies on a chart paper such as galaxies, asteroids, comets, planets, moon, Milky Way, Orion Nebula, neutron star, Asteroid belt, butterfly Galaxy, black hole.</li> </ol>									