

MAHESHWARI PUBLIC SCHOOL
Summer Break Assignment
Class IX

Subject	Assignment Description	HOD Sign
English	<p>1. Make a PPT of the chapter(as allotted by the teacher to the group) from your book LiteratureReader. The PPTs would be based on character sketch, summary, major incidents, theme and message.</p> <p>2. Make a video of 2 minutes sharing your experience on the topic, 'The Place/s Visited by You During Summer Holidays', also narrate the same in 120- 150 words in your English notebook.</p>	
Hindi	<p>प्रश्न 1. अभ्यास प्रश्न-पत्र के रचनात्मक लेखन पर आधारित निम्नलिखित प्रश्न अभ्यास-पुस्तिका में कीजिए-</p> <p>(क) पृष्ठ संख्या 24 - प्रश्न 13 और 16 (ख) पृष्ठ संख्या 95 - प्रश्न 13 व 16 (ग) पृष्ठ संख्या 107 - प्रश्न 13 व 16</p> <p>प्रश्न 2. निम्नलिखित विषयों से संबंधित चित्र बनाकर अथवा चिपका कर उसका 40-50 शब्दों में वर्णन कीजिए-</p> <p>(क) सूर्योदय का प्रातःकालीन सौंदर्य (ख) देश की सीमाओं पर तैनात सैनिक *परियोजना कार्य*</p> <p>प्रश्न 3. अभ्यास प्रश्न-पत्र के पृष्ठ संख्या 96 पर दिए गए चित्र में दिखाए गए कवियों का संक्षिप्त परिचय देते हुए इनका हिंदी साहित्य में योगदान बताइए।</p>	
Maths	<p>Chapter: 1- Assignment I: Q3, Q5, Q7, Q9, Q14 and Assignment III</p> <p>Chapter: 3- Assignment III</p> <p>Also solve the following questions:</p> <p>1. Rationalise the denominator and find the value of a and b</p> <p>(i) $\frac{5+2\sqrt{3}}{7+4\sqrt{3}} = a-6\sqrt{3}$</p> <p>(ii) $\frac{3-\sqrt{5}}{3+2\sqrt{5}} = a\sqrt{5} - \frac{19}{11}$</p> <p>(iii) $\frac{\sqrt{2}+\sqrt{3}}{3\sqrt{2}-2\sqrt{3}} = 2-b\sqrt{6}$</p> <p>(iv) $\frac{7+\sqrt{5}}{7-\sqrt{5}} - \frac{7-\sqrt{5}}{7+\sqrt{5}} = a + \frac{7}{11}\sqrt{5}b$</p> <p>2.</p> <p style="text-align: center;">If $a = 2 + \sqrt{3}$, then find the value of $a - \frac{1}{a}$.</p> <p>3. Simplify :</p> <p style="text-align: center;">$\frac{7\sqrt{3}}{\sqrt{10+\sqrt{3}}} - \frac{2\sqrt{5}}{\sqrt{6+\sqrt{5}}} - \frac{3\sqrt{2}}{\sqrt{15+3\sqrt{2}}}$</p> <p>4. Plot the points P(1, 0), Q(4, 0) and S(1, 3). Find the coordinates of the point R such that PQRS is a square.</p> <p>Activity: i) Draw a rectangle ABCD having vertices A (2,3): B (6,3):C(6,5) D(2,5) and locate its image in x axis, y axis and origin</p> <p>ii) Represent under root 7.9 on number line</p>	

<p>Scienc</p>	<p>Topic : Pollution 'Pollution' is one of the greatest environmental concerns in the present scenario. It is deteriorating the environment day by day.</p> <p>(a) Draw a poster depicting any one type of pollution (air/water/land/noise)on A-4 size sheet. (b) Imagine yourself an an environmental officer and write a few eco-friendly practices to reduce the extent of the type of pollution depicted in the poster.</p> <p>2. From the Science Assignment Booklet do the following questions inyour respective notebooks Biology Chapter 5: The fundamentalUnit of Life. Assignment 1: Q4, Q7, Q9, Q10 (Page2) Q14 (Page 3) Physics Chapter 8: Motion Assignment 1- Q4, Q6, Q8, Q9 (Page 2)Assignment 2 - Q12, Q14 (Page 6) Chemistry Chapter 2: Is Matter Around Us Pure Assignment 1- Q 2, Q3, Q4, Q10 (Page13) Q14 (Page14)</p>	
<p>Social Science</p>	<p>Topic : Disaster Management Student will make a detailed report on any of the disaster management keeping in mind the following points</p> <ol style="list-style-type: none"> 1. Concept and meaning of disaster. 2. Difference between Human Made andNatural Disaster. 3. Impact of Disaster. 4. Mitigation measures 5. Students must use photographs andnewspaper cuttings (to justify their analysis). <p>Note: Students must keep in mind that thereport/project should not be more than 5-6pages. Continue.....</p> <p>2. From the assignment book do the following questions in Home-work note book. History [page no. 5 Q.5 (I) (X)], page no. 7(I)(VI)] Political Sc. [page no.30 Q.8 (III) (V)]Geography [page no. 52 Q.5] Economics [page no.85 Q. 7 (II), Q.8 (I) (IV)]</p>	
<p>Information Technology</p>	<p>Activity 1: Type an invitation letter forthe wedding of your brother in Libre office Writer. Do the necessary formatting and save it. Activity 2: Create a Poster on the topic“Famous IT Personalities/ Inventors”. Instructions: 2. Use Libre office writer to completethe above assignments. Take the printout of both theactivities.</p>	