

CLASS: - X

## SUMMER ASSIGNMENTS (2025-26)

SUBJECTS	ASSIGNMENTS
ENGLISH	<ol style="list-style-type: none"> <li>1. Make a fact file of any 10 poets &amp; Authors. (from your English textbook).</li> <li>2. Explain any 5 poetic devices &amp; 5 Literary devices giving examples of each . {in Project Notebook.}</li> </ol>
HINDI	<ol style="list-style-type: none"> <li>1. परियोजना कॉपी में <b>मीरा बाई, संत कबीरदास, मुंशी प्रेमचंद</b> के जीवन परिचय सहित उनकी किन्ही 2 रचनाओं को सार सहित लिखकर उनसे सम्बंधित चित्र चिपकाएँ।</li> <li>2. परियोजना फाइल में आँख , नाक , कान , हथेली एवं अन्य मानवीय अंगों से सम्बंधित 100 मुहावरों को अर्थ सहित लिखें।</li> </ol>
MATH	<p>ACTIVITY 1: To find the HCF of two numbers experimentally based on Euclid Division Lemma</p> <p>ACTIVITY 2: To draw the graph of a quadratic polynomial and observe: (i) The shape of the curve when the coefficient of <math>x^2</math> is positive. (ii) The shape of the curve when the coefficient of <math>x^2</math> is negative. (iii) Its number of zeroes.</p> <p>ACTIVITY 3: To verify the conditions of consistency/ inconsistency for a pair of linear equations in two variables by graphical method.</p> <p>ACTIVITY 4: To obtain the solution of a quadratic equation (<math>x^2 + 4x = 60</math>) by completing the square geometrically.</p> <p>ACTIVITY 5: To identify Arithmetic Progressions in some given lists of numbers (patterns).</p> <p>ACTIVITY 6: To find the sum of first <math>n</math> natural numbers</p> <p>ACTIVITY 7: To find the sum of the first <math>n</math> odd natural numbers.</p> <p>ACTIVITY 8: To find the sum of the first <math>n</math>-even natural numbers.</p> <p>ACTIVITY 9: To establish a formula for the sum of first <math>n</math> terms of an Arithmetic Progression.</p>

	ACTIVITY 10: To verify the distance formula by graphical method
SCIENCE	<p><b>1. Write an assignment on Human Digestive System.</b></p> <p>(Points to be included- Definition, Digestive Organs, Digestive Enzymes, Process of Digestion with coloured Diagram and page border in a separate file on A4 pages.)</p> <p><b>2. Make the working model on any one of the following</b></p> <p>(i) Periscope (ii) Telescope (iii) Total internal reflection using glass slab.</p> <p><b>3. Identify any ten chemical reactions taking place around you and write the corresponding balanced chemical equations.</b></p>
SOCIAL STUDIES	<p>1. Make a chart paper presentation showcasing different soils .</p> <p>2. Prepare a project file of minimum 30 pages on the topic” Examine the Role of Tertiary Sector on the Indian Economy.” Must use attractive pictures to elaborate the topic in a better manner.</p>
IT	<p>Q1. Explain operating system. Write various operating system and explain its functions.</p> <p>Q2. Write all the qualities of successful Entrepreneur and explain all the myths about Entrepreneurship.</p> <p>Q3. Define DBMS &amp; Referential integrity. Write all the types of relationship with example and diagram.</p>

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