

## SANGHAMITRA SCHOOL

CLASS: IX

## HOMEWORK SCHEDULE

**MATH**

DATE	HOMEWORK PLAN
15-11-19	Solve in A4 sheets: <ol style="list-style-type: none"> <li>S.T. the bisectors of the angles of a parallelogram encloses a rectangle.</li> <li>P.T. the line segment joining mid points of any two sides of a triangle is parallel to 3<sup>rd</sup> side and half of it.</li> <li>P.T. <math>(x-2)</math> <math>(x+3)</math> and <math>(x-4)</math> are factors of the polynomial <math>P(x) = x^3 - 3x^2 - 10x + 24</math>.</li> </ol>
16-11-19	<ol style="list-style-type: none"> <li>P.T. the sum of three attitudes of a triangle is less than the sum of the three sides of a triangle.</li> <li>Diagonal AC and BD of quadrilateral ABCD intersects each other at O. P.T.               <ol style="list-style-type: none"> <li><math>AB + BC + CD + DA &gt; AC + BD</math></li> <li><math>AB + BC + CD + DA &lt; 2(AC + BD)</math></li> </ol> </li> </ol>
17-11-19	Learn all the Theorems from Ch. Triangles.
18-11-19	Solve in A4 Sheets: <ol style="list-style-type: none"> <li>Draw the graph of the Equation <math>x + 3y = 15</math>. Find the coordinates of the points where the graph intersects the x-axis.</li> <li>The polynomial <math>ax^3 + 3x^2 - 13</math> and <math>2x^3 - 5x + a</math>, when divided by <math>(x-2)</math> leave same remainder. Find the value of a.</li> <li>Factorise: <math>(a+b)^3 - 8</math>.</li> </ol>

**ENGLISH**

DATE	HOMEWORK PLAN
15-11-19	Read Le-6 'The Making of a Scientist' from supplementary reader and answer the questions given on Pg. No. 32 & 34 on A4 sheet.
16-11-19	Read the Le. 'The Necklace' from supplementary reader, pick 20 words and write their meaning using dictionary on A4 sheet.
17-11-19	Read Le. 'The Necklace' from S.R and answer the questions given on Pg. No. 39, 41 & 42 on A4 sheet.
18-11-19	Read the Le. 'The Hack Driver' from supplementary reader, pick out 20 words and their meaning using dictionary on A4 sheet.

## HINDI

DATE	HOMEWORK PLAN
15-11-19	Write कीचड़ का काव्य Q. & Ans. On A4 sheet.
16-11-19	Write अनुच्छेद लेखन topic जहाँ चाह वहाँ रह in about 80 – 100 words on A4 sheet.
17-11-19	Write मुहावरें (circled ones) 94 to 121 on A4 sheet.
18-11-19	Write सूचना लेखन 16 & 17 from Grammar TB page no 320 on A4 sheet.

## SOCIAL

DATE	HOMEWORK PLAN
15-11-19	Learn all the definitions and Q/Ans. From Le- 3 (Geo) Drainage for O.T. on Monday.
16-11-19	On the political map of India locate and name the following lakes. 1. Sambhar 2. Chilika 3. Pulicat 4. Wular 5. Kolleru 6. Vembanad.
17-11-19	Read Le-2 (Geo) physical features of India and solve the puzzle given on page 16 in T.B.
18-11-19	Read Le-3 (Geo) Drainage and solve the puzzle given on page 25 in T.B.

## SCIENCE

DATE	HOMEWORK PLAN
15-11-19	Physical Science: Learn all the Q & Ans from the lab manual for C.T. (only from the completed expts.)
16-11-19	Biology: Read Expt. 5 (a & b) from Science lab manual and complete all the objective type questions in the text book itself.
17-11-19	Biology: Read Expt. 6 (Plant & animal tissues) from Science lab manual and complete all the objective type questions in the manual itself.
18-11-19	Biology: Read Expt. 12 (Plant division) from Science lab manual and do all the objective type questions in the manual itself.