

# Homework



Grade – IX

‘Set your Goals high and don’t Stop, till you get there.’

Date: 18/05/22

S.No	Subject	Summer - Holiday Homework
1.	English	<p><b>Reading</b>-Solve unseen passages in pull-out-worksheet. Assignment 2 &amp; 3 on page no. 17 &amp; 19.</p> <p><b>Writing</b>- Complete paragraphs on page no. 91, Q.1, 2, 3 &amp; 4. Also Page no. 102- Q1 (a) &amp; Assignment-5- Q.1.</p> <p><b>Grammar</b>- Complete exercises on page no. 146- Q.5, 6 &amp; 7. On page 150 exercise -2, page -156- exercise 4 &amp; 5.</p> <p>Gap filling &amp; re- ordering – on page no. 165 exercise 1 &amp; 2.</p> <p><b>Literature</b>- on page 181, 187, 267 &amp; 227- Complete all questions.</p> <p>*Add extra page wherever necessary and staple with worksheet.</p>
2.	Hindi	<p>1.किसी भी बिषय पर एक सुन्दर सी हिन्दी की कॉमिक बुक तैयार कीजिए। (10 पेज की प्रिंट की हुई बुक नहीं होनी चाहिए।)</p> <p>2. इंटरनेट की मदद से हिन्दी व्याकरण के दो (2) TLM(teaching learning material)तैयार कीजिये।</p> <p>3.अपने क्षेत्र के (डॉक्टर, पुलिसकर्मी नेता, NGO संचालक, कवि, , प्रेस रिपोर्टर,टीचर, इंजीनियर ) चार लोगों का जीवन विवरण लेकर एक जीवन डायरी तैयार कीजिये। (फोटो के साथ )</p>
3.	Maths	<p><i>Activities to be done in lab manual of mathematics</i></p> <p>1.To find an approximate value of the sum of two irrational numbers of the form <math>\sqrt{a} + \sqrt{b}</math>, geometrically, where a and b are natural numbers. Obtain the square root of natural numbers and represent the square root as a line segment. To verify the identity <math>(x+y+z)^2 = x^2+y^2+z^2+2xy +2yz +2zx</math> by activity method. To verify the identity <math>(a -b)^3 = a^3 -3a^2 b+3ab^2 - b^3</math>. For simple cases using a set of unit cubes. Verify the identity <math>(a+b)^3 = a^3 +3a^2b+3ab^2+b^3</math>, geometrically. To verify that the sum of the angles of a triangle is <math>180^\circ</math>.</p> <p><i>II Do all case study based and assertion reason based questions of Number System from pg. 13 – 16and all case study based and assertion reason based questions of Coordinate Geometry from pg. 36– 39 from mathematics practice book in your mathematics fair copy.</i></p>
4.	Science	<p><b>Physics</b>- 1. Complete lab Manual. Ex.1- Determinator of melting point of Ice and boiling point of Water. Ex.2- Verification of laws of Reflection of Sand. Ex.3- Determination of Density of Solid by using spring balance. Ex.4- Establishing relation between loss in weight of Solid when fully immersed in (a) Tap Water. (b) Strongly Salt Water. Ex- Determination of speed of Pulse propagated through stretched string/ stinky helical spring.</p> <p>2. Make working model project on the following topics- 1. Hydraulic Excavator. 2. Electric working model of Human Ear. 3. Women Safety Devices.(shock device)</p> <p><b>Chemistry</b>- Complete Lab Manual. Experiment-1- Prepare true solutions of – (a) common salt (b) Sugar (c) Alum in water. Exp.2- Make suspensions of- (a) Soil (b) Chalk Powder (c) Fine Sand in Water. Exp.3- Make Colloidal Solution- (a) Starch. (b) Albumin in Water &amp; differentiate it from a true solution or from a suspension on the basis of- (a) Transparency (b) Filtration Criterion. (c) stability.</p> <p>2. Make Working Model project – Topic-1- Water Filtration. 2. Volcanic Eruption. 3. Acid Rain Model.</p> <p>Revision of Chapter-1 in Chemistry notebook. Prepare (30) one word type questions.</p> <p><b>Biology</b>- Learn and write all NCERT In text &amp; Exercise Question. Write Experiment- 1.1,1.2 &amp; 1.3 in lab Manuals. Prepare Working Models on Any One Topic- 1. Working model of Arm &amp; Muscles. (2) Haemodialysis. (3) Photosynthesis (4) Working of Heart. (5) Transportation in Plants.</p>
5.	S.st	<p><b>Geography</b>- Map work-locate &amp; mark the given outline maps in Map Book. page no. 7, 9, 11 &amp; 13</p> <p><b>History</b>- Map work- locate and mark the given outline maps in Map book. Page no. 75, 77</p> <ul style="list-style-type: none"> <li>Make a project on <u>Any One</u> of the following topic from Group-A in Lab Manuals (refer pg. no. 98 of lab manual)</li> </ul> <p>-Women’s Role in History. -World’s Peace and Security -Conservation of Natural Resources. *Note- Make the project in Lab Manual itself.</p> <p><b>Economics</b>- Lab Manual of Economics- Chapter-1- The Story of village Palampur.</p>

Class Teacher

Principal