

HOLIDAY HOMEWORK  
SUBJECT-SCIENCE

CLASS-VII

Sn	Academic task	Family value based	Fun based learning at home activities.	Subject enrichment project
1	<ul style="list-style-type: none"> <li>✓ Make a table showing famous food items of at least 10 states of India.</li> <li>✓ Read chapter 1,2 and 4 from text book and underline important terms with pencil.</li> <li>✓ Write down summary of chapter 1,2 and 4 from text book.</li> <li>✓ Write 2-3 lines about 5 plants and 5 animals, you have seen in your surroundings.</li> </ul>	<p>*Write 5 differences and similarities in plants and animals. *Make a family tree.</p>	<ol style="list-style-type: none"> <li>1. Learn to cook any 3 food items and write their recipes.</li> <li>2. Sketch the labelled diagrams of : - (a) photosynthesis (b) food chain (c) pitcher plant (d) digestive system of ruminants (e) human digestive system</li> <li>3. play any 2-3 traditional games.</li> <li>4. Maintain a water pot for birds during summer.</li> </ol>	<p>*Prepare a bird house with help of waste wooden piece. *Prepare 10 questions from chapter 1 &amp; 2 (other than textbook questions)</p> <hr/> <p>Any other science based model or project of your choice.</p>

**HOLIDAY HOMEWORK**  
**SUBJECT-SCIENCE**

CLASS-IX

Total marks-100

Sn	Academic task	Family value based	Fun based learning at home activities.	Subject enrichment project
1	<ul style="list-style-type: none"> <li>✓ Read chapter 8 Motion from text book and underline important terms with pencil.</li> <li>✓ Write down summary of above chapters from text book.</li> <li>✓ Draw the :- (a) displacement- time graph</li> <li>✓ (b) velocity – time graph</li> <li>✓ © acceleration –time graph for uniform &amp; nonuniform motion</li> </ul>	<ul style="list-style-type: none"> <li>• Write down one page about the profession of your parents.</li> <li>• Make a chart showing your family tree.</li> </ul>	<ul style="list-style-type: none"> <li>○ Learn to cook any 3 food items and write their recipes.</li> <li>○ Lear to play any 2-3 traditional games.</li> <li>○ Maintain a water pot for birds during summer.</li> </ul>	<p>Write examples of (i) rectilinear motion (ii) circular motion (iii) periodic motion (iv) simple harmonic motion ( 5 for each)</p> <hr/> <p>Any other science based model or project of your choice.</p>

HOLIDAY HOMEWORK  
SUBJECT-SCIENCE

CLASS-X

Total marks-100

Sn	Academic task	Family value based	Subject enrichment project	Fun based learning at home activities.
1	<ul style="list-style-type: none"><li>• Read chapter <b>light:- reflection &amp; refraction</b> from text book and underline important terms with pencil.</li><li>• Write down summary of above chapters from text book.</li></ul> Draw colored and labelled diagram of following- <ol style="list-style-type: none"><li>1. Image formation by concave mirror</li><li>2. Image formation by convex mirror</li></ol>	<ul style="list-style-type: none"><li>• Write down one use of each type of mirror in your family in daily life.</li></ul>	Identify and write the examples of <b>reflection &amp; refraction in nature</b>	<ul style="list-style-type: none"><li>○ Learn to cook any 3 food items and write their recipes.</li><li>○ Learn to play any 2-3 traditional games.</li><li>○ Maintain a water pot for birds during summer.</li></ul>

HOLIDAY HOMEWORK

CLASS-XII (2023-24)

SUBJECT-Physics

Total marks-100

SN	ACADEMIC TASK (15+15=30 marks)	CREATIVE AND CRITICAL THINKING BASED (10+20=30 marks)	INVESTIGATORY PROJECT (15+15=30 marks)
1	<p>1. Reading of chapters (1-14) from text book and underlining important terms and find at least 10 in text questions from each chapter and write them in your notebook.</p> <p>2. Attempt chapter wise important questions. (for chapter 1 to 3) (Questions will be provided in a pdf file.)</p> <p>3. Solve 20 numerical from each chapter ( ch.1 &amp; 2) .At least one numerical of each topic of chapter.</p>	<p>* Prepare at least 05 question papers from unit-1 and 2. each paper with 25 questions.</p>	<p>1. Prepare an investigatory project for your practical exam. ( Any one topics from suggested projects in lab manual.)</p> <p>2. Complete writing and drawing work of your practical file/record.</p> <p>3. any other innovative and creative work can be done by students.</p>