

**DELHI PUBLIC SCHOOL JAMMU**  
**SESSION-2023-24**  
**MONTH-APRIL (SCIENCE)**  
**CLASS:X**

S.No	LEARNING OUTCOMES	MONTH	CHAPTERS
1.	<ul style="list-style-type: none"> <li>❖ In this chapter student should learn light and its various properties</li> <li>❖ Student should learn and understand Reflection, its types and laws</li> <li>❖ Student should know the mirror formula and the magnification.</li> <li>❖ Student should develop skills to solve numerical problems</li> <li>❖ Student should know the uses of concave and Convex mirrors</li> </ul>	<b>APRIL</b>	<p><b>Chapter: Light (Reflection &amp; refraction)</b></p> <p><b>Topics :</b></p> <ol style="list-style-type: none"> <li>1. Light and its properties</li> <li>2. Mirror and its types</li> <li>3. Reflection and laws of Reflection</li> <li>4. Mirror formula and magnification</li> <li>5. Images formed by curved mirrors</li> <li>6. Uses of concave and Convex mirrors</li> </ol>
2.	<ul style="list-style-type: none"> <li>❖ To describe the physical and chemical changes taking place around them.</li> <li>❖ To describe and explain the given chemical reaction.</li> <li>❖ To understand the different characteristics of a chemical reaction.</li> <li>❖ To write the chemical formulae of reactants and products.</li> <li>❖ To write the chemical equations for the reactions and balance them.</li> </ul>	<b>APRIL</b>	<p><b>Chapter:Chemical reactions</b></p> <p><b>equations:</b></p> <p><b>Topics:</b></p> <ol style="list-style-type: none"> <li>1. Physical and chemical changes</li> <li>2. Characteristics of a chemical reaction</li> <li>3. Chemical equation and its types</li> <li>4. Balancing of a chemical equation</li> <li>5. Implications of a chemical equation</li> </ol>
3.	<ul style="list-style-type: none"> <li>❖ . To understand the various characteristics of life.</li> <li>❖ To know the meaning of nutrition and Respiration.</li> <li>❖ To know the importance of nutrition and Respiration as it helps to produce energy and maintain homeostasis in the body.</li> <li>❖ To understand the life processes help a body survive with the changes in the environment.</li> </ul>	<b>APRIL</b>	<p><b>Chapter: Life Processes ( Nutrition &amp;Respiration)</b></p> <p><b>Topics:</b></p> <ol style="list-style-type: none"> <li>1. What are Life Processes</li> <li>2. Nutrition: Autotrophic Nutrition and Heterotrophic Nutrition</li> <li>3. Respiration &amp; It's Types</li> <li>4. Exchange of gases in plants</li> <li>5. Respiratory surfaces</li> </ol>

**SUBJECT COORDINATOR  
COORDINATOR**

**ACADEMIC**