

**Prescribed Book :** Textbook of Science – NCERT

MONTH	CHAPTER NAME	LAB ACTIVITIES (to be taken by the subject teacher)	SEA (SUBJECT ENRICHMENT ACTIVITIES)
APRIL	<ul style="list-style-type: none"> <li>Chapter-1 (Nutrition in Plants)</li> <li>Chapter-2 (Nutrition in Animals)</li> </ul>	<ul style="list-style-type: none"> <li>To show growth of Fungi.</li> <li>To show the difference in colour in plants in dark and sunlight.</li> <li>To show the effect of Saliva on Starch.</li> <li>To count the different number of teeth in lower and upper jaw.</li> <li>Identification of samples by particular region of tongue.</li> </ul>	-----
MAY	<ul style="list-style-type: none"> <li>Chapter-4 (Heat)</li> <li>Chapter-5 (Acids, Bases and Salts)</li> </ul>	<ul style="list-style-type: none"> <li>To feel water in three mugs at different Temperatures.</li> <li>To measure Temperature of water with a lab thermometer.</li> <li>To show flow of heat through a metal strip (Conduction).</li> <li>To show the Convection of heat in water.</li> <li>To show the Absorption of sunlight.</li> <li>To perform Litmus Test.</li> <li>To show turmeric as a Natural Indicator.</li> <li>To show the process of Neutralization.</li> </ul>	Prepare a soil profile in a polybag or plastic bottle (Ref. fig. 9.3, Page-98)
JUNE	----- SUMMER BREAK-----		
JULY	<ul style="list-style-type: none"> <li>Chapter-6 (Physical and Chemical Changes)</li> </ul>	<ul style="list-style-type: none"> <li>Activities related to Physical changes.</li> <li>Activities related to Chemical changes.</li> <li>To prepare crystals of Copper Sulphate.</li> </ul>	-----
AUGUST	<ul style="list-style-type: none"> <li>Chapter-10 (Respiration in Organisms)</li> </ul>	<ul style="list-style-type: none"> <li>To show Inhalation and Exhalation.</li> <li>To show the mechanism of Breathing in human beings (Ribs, Diaphragm).</li> </ul>	-----
SEPTEMBER	-----HALF YEARLY EXAMS-----		
OCTOBER	<ul style="list-style-type: none"> <li>Chapter-11 (Transportation in Plants and Animals)</li> <li>Chapter-13 (Motion and Time)</li> </ul>	<ul style="list-style-type: none"> <li>To record Pulse rate.</li> <li>To prepare model of Stethoscope.</li> <li>To study the Transportation of water through cells.</li> <li>To study Simple Pendulum.</li> </ul>	-----
NOVEMBER	<ul style="list-style-type: none"> <li>Chapter-12 (Reproduction in Plants)</li> <li>Chapter-14 (Electric Current and its Effects)</li> </ul>	<ul style="list-style-type: none"> <li>To study eyes of a potato.</li> <li>To study reproduction in yeast.</li> <li>To study structure of a flower.</li> <li>To study Electric Bell.</li> <li>To make an electric circuit to show 'ON' and 'OFF' position.</li> </ul>	On a map of India show average Annual Rainfall in different regions of our country.
DECEMBER	<ul style="list-style-type: none"> <li>Chapter-15 (Light)</li> <li>Chapter-16 (Water: A precious Resource)</li> </ul>	<ul style="list-style-type: none"> <li>To study Real image.</li> <li>To study Virtual image.</li> <li>To study VIBGYOR through a prism.</li> <li>To show the working of Newton Disc.</li> <li>To study the Water cycle.</li> <li>To study Lateral Inversion.</li> <li>To study Drip Irrigation.</li> </ul>	-----
JANUARY AND FEBRUARY	----- REVISION -----		
MARCH	----- ANNUAL EXAMS -----		

TERM – 1	TERM – 2
<b>SYLLABUS FOR PERIODIC ASSESSMENT–1</b>	<b>SYLLABUS FOR PERIODIC ASSESSMENT–2</b>
<ul style="list-style-type: none"> <li>Chapter-1 (Nutrition in Plants)</li> <li>Chapter-2 (Nutrition in Animals)</li> </ul>	<ul style="list-style-type: none"> <li>Chapter-12 (Reproduction in Plants)</li> <li>Chapter-13 (Motion and Time)</li> </ul>
<b>SYLLABUS FOR HALF YEARLY EXAMS</b>	<b>SYLLABUS FOR ANNUAL EXAMS</b>
<ul style="list-style-type: none"> <li>Chapter-1 (Nutrition in Plants)</li> <li>Chapter-2 (Nutrition in Animals)</li> <li>Chapter-4 (Heat)</li> <li>Chapter-5 (Acids, Bases and Salts)</li> <li>Chapter-6 (Physical and Chemical Changes)</li> <li>Chapter-10 (Respiration in Organisms)</li> </ul>	<ul style="list-style-type: none"> <li>Chapter-2 (Nutrition in Animals)</li> <li>Chapter-5 (Acids, Bases and Salts)</li> <li>Chapter-11 (Transportation in Plants and Animals)</li> <li>Chapter-12 (Reproduction in Plants)</li> <li>Chapter-13 (Motion and Time)</li> <li>Chapter-14 (Electric Current and its Effects)</li> <li>Chapter-15 (Light)</li> <li>Chapter-16 (Water: A precious Resource)</li> </ul>