

MONTH	CHAP NO.	CHAPTER	SUGGESTED SUBJECT ENRICHMENT ACTIVITIES
APRIL - MAY- JUNE	1	Matter in our surroundings	<ul style="list-style-type: none"> <li>• Determination of melting point of ice and boiling point of water</li> </ul>
	7	Motion	
	5	The fundamental unit of life	<ul style="list-style-type: none"> <li>• Temporary mount of onion peel &amp; cheek cell</li> </ul>
JULY	2	Is matter around us pure	<ul style="list-style-type: none"> <li>• Separation of a mixture of ammonium chloride, sand and salt</li> </ul>
	8	Force and Laws of motion	
	6	The fundamental unit of life(contd)	<ul style="list-style-type: none"> <li>• Observation of meristematic tissue in onion bulbs (Activity 6.1)</li> </ul>
AUGUST	2	Is matter around us pure (Contd.)	<ul style="list-style-type: none"> <li>• Preparation of:               <ol style="list-style-type: none"> <li>a) A true solution of common salt, sugar and alum</li> <li>b) A suspension of soil, chalk powder and fine sand in water</li> <li>c) A colloidal solution of starch in water and egg albumin/milk in water and distinguish between these on the basis of transparency filtration criterion stability</li> </ol> </li> </ul>
	8	Force and Laws of motion (Contd.)	

	6	Tissues (Plant tissues)	<ul style="list-style-type: none"><li>• T.S. of dicot stem (Activity 6.2)</li></ul>
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SEPTEMBER	2	Is matter around us pure (Contd.)	<ul style="list-style-type: none"> <li>● Preparation of:               <ol style="list-style-type: none"> <li>a) A mixture</li> <li>b) A compound using iron filings and Sulphur powder and distinguishing between these on the basis of:                   <ol style="list-style-type: none"> <li>Appearance, i.e., homogeneity and heterogeneity</li> <li>(i) Behavior towards a magnet</li> <li>(ii) Behavior towards carbon disulphide as a solvent</li> <li>(iii) Effect of heat</li> </ol> </li> </ol> </li> </ul>
	8	Force and Laws of motion (Contd.)	<ul style="list-style-type: none"> <li>● Perform the following reactions and classify them as physical or chemical changes:               <ol style="list-style-type: none"> <li>a) Iron with copper sulphate solution in water</li> <li>b) Zinc with dilute sulphuric acid</li> <li>c) Heating of copper sulphate crystals</li> <li>d) Sodium sulphate with barium chloride in the form of their solutions in water</li> </ol> </li> </ul>
	6	Tissues (plant tissues contd.)	<ul style="list-style-type: none"> <li>● Identification of Parenchyma, Collenchyma and Sclerenchyma tissues in plants.</li> </ul>
OCTOBER	4	Structure of atom	
	9	Gravitation	<ul style="list-style-type: none"> <li>● Determination of the density of solid (denser than water) by using a spring balance and a measuring cylinder</li> <li>● Establishing the relation between the loss in weight of a solid when fully immersed in               <ol style="list-style-type: none"> <li>a) Tap water</li> <li>b) Strongly salty water with the weight of water displaced by it by taking at least two different solids</li> </ol> </li> </ul>
	13	Animal tissues	<ul style="list-style-type: none"> <li>● Striped, smooth and cardiac muscle fibres and nerve cells in animals, from prepared slides. Draw their labeled diagrams</li> </ul>

NOVEMBER			
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	10	Work and Energy	
	12	Improvement In Food Resources	
DECEMBER	3	Atoms and molecules	To verify Law of conservation of mass.
	11	Sound	<ul style="list-style-type: none"> <li>• Velocity of a pulse</li> </ul>
	12	Improvement In Food Resources (Contd.)	<ul style="list-style-type: none"> <li>• Collect pictures and information on Indigenous and Exotic breed of cow used in dairy/ cattle farming</li> </ul>
JANUARY Syllabus completion by January last week	11	Sound (Contd.)	<ul style="list-style-type: none"> <li>• Reflection of sound</li> </ul>
	3	Atoms and Molecules (Contd.)	<ul style="list-style-type: none"> <li>• To verify Law of conservation of mass.</li> </ul>
	12	Improvement in food Resources (Contd.)	<ul style="list-style-type: none"> <li>• Making herbarium of plants</li> </ul>
FEBRUARY		Revision	
ANNUAL EXAM		Final assessment	





