

## CONTINUOUS LEARNING PROCESS (CLP)

### CLASS – VIII

### SCIENCE

S.NO.	MONTH	CHAPTER	LEARNING OUTCOME
1.	APRIL	CHAPTER – 1 Crop Production and Management  CHAPTER – 4 Materials: Metals and Non-metals	Students will be able to – <ul style="list-style-type: none"><li>• Classify Kharif and Rabi crop.</li><li>• Makes efforts to protect environment by controlled use of pesticides.</li><li>• Applies learning of scientific concept in increasing crop production.</li><li>• Classify materials on the basis of properties as metals and non-metals.</li><li>• Uses of metals and their reactivity.</li></ul>
2.	MAY	CHAPTER – 12 Friction	<ul style="list-style-type: none"><li>• Differentiate between roughness and smoothness of surface.</li><li>• Applies scientific concept of increasing or reducing friction.</li><li>• Understand friction is boon as well as evil in daily life.</li><li>• Know all the types of friction.</li></ul>
3.	JULY	CHAPTER – 08 Cell: Structure and Function  CHAPTER – 05 Coal and Petroleum	<ul style="list-style-type: none"><li>• Differentiate between plant and animal cell.</li><li>• Drawing skills by drawing cells and their components.</li><li>• Differentiate between exhaustible and inexhaustible natural resources.</li><li>• Learn making use of resources judiciously.</li></ul>
4.	AUGUST	CHAPTER -14 Chemical Effects Of Electric	<ul style="list-style-type: none"><li>• Differentiate between conductors and insulators.</li></ul>

		<p>Current</p> <p>CHAPTER – 11</p> <p>Force and Pressure</p>	<ul style="list-style-type: none"> <li>• Know whether a given solution is conducting electricity using a tester.</li> <li>• Study Electrolytes of water.</li> <li>• Explore and study the process of electroplating + its applications.</li> <li>• Study the effects of force.</li> <li>• Classify the different forces as contact and non-contact forces.</li> <li>• Learn scientific concepts through activities that “Liquid Pressure increases with depth”.</li> <li>• Improve numerical skills using formula <math>\text{Pressure} = \text{Force}/\text{Area}</math></li> </ul>
5.	SEPTEMBER	<p>CHAPTER – 13</p> <p>Sound</p> <p>CHAPTER – 16</p> <p>Light</p>	<ul style="list-style-type: none"> <li>• Study how sound is produced.</li> <li>• Learn that frequency determines pitch of sound and amplitude determines loudness of sound.</li> <li>• Know that sound needs a medium for propagations.</li> <li>• Understand how sound is produced in human beings.</li> <li>• Study laws of reflection.</li> <li>• Understand the concept of formation of multiple images.</li> <li>• Know how human eye works and how to take care of eyes.</li> <li>• Understand Braille system.</li> </ul>
6.	OCTOBER	<p>CHAPTER – 06</p> <p>Combustion and Flame</p>	<ul style="list-style-type: none"> <li>• Study different types of combustion.</li> <li>• Find out different methods to control fire.</li> <li>• Identify the different zones of candle flame.</li> <li>• Explore the characteristics of good fuel.</li> </ul>

7.	NOVEMBER	CHAPTER – 2 Microorganisms: Friend and Foe	<ul style="list-style-type: none"> <li>• Students would identify various microorganisms and their structure.</li> <li>• Aware of the harms and the benefits of microorganisms.</li> <li>• Learn – why children are given vaccination.</li> <li>• Appreciate the importance of microbes in industries like alcohol, wine, bread, bakery.</li> <li>• Realise their importance in medicine such as antibiotics and vaccines.</li> </ul>
8.	DECEMBER	CHAPTER – 09 Reproduction in Animals  CHAPTER – 10 Reaching the Age of Adolescence	<ul style="list-style-type: none"> <li>• Student would understand male and female reproductive system.</li> <li>• Differentiate between oviparous and viviparous animals.</li> <li>• How sex of the baby has been determined.</li> <li>• Know about different endocrine glands and their function.</li> <li>• Learn about changes during puberty.</li> <li>• They would be made aware of adolescent problems.</li> <li>• They would be able to relate their concepts with puberty and adolescence.</li> </ul>
9.	JANUARY	CHAPTER – 18 Pollution of Air And Water	<ul style="list-style-type: none"> <li>• Students will be able to define the terms pollution and pollutants.</li> <li>• They will analyze the impacts of air and water pollution.</li> <li>• They will be environment sensitive.</li> <li>• Students will learn to be balanced in the harsh and adverse situations and be stable.</li> </ul>