

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">• Classify Kharif and Rabi crop.• Makes efforts to protect environment by controlled use of pesticides.• Applies learning of scientific concept in increasing crop production.• Classify materials on the basis of properties as metals and non-metals.• Uses of metals and their reactivity.
2.	MAY	CHAPTER – 12 Friction	<ul style="list-style-type: none">• Differentiate between roughness and smoothness of surface.• Applies scientific concept of increasing or reducing friction.• Understand friction is boon as well as evil in daily life.• Know all the types of friction.
3.	JULY	CHAPTER – 08 Cell: Structure and Function CHAPTER – 05 Coal and Petroleum	<ul style="list-style-type: none">• Differentiate between plant and animal cell.• Drawing skills by drawing cells and their components.• Differentiate between exhaustible and inexhaustible natural resources.• Learn making use of resources judiciously.
4.	AUGUST	CHAPTER -14 Chemical Effects Of Electric	<ul style="list-style-type: none">• Differentiate between conductors and insulators.

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

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