

Continuous Learning Process (CLP)

CLASS VII

Science

S. No.	Month	Chapter Number and Chapter Name	Learning outcomes
1.	April	Chapter 1 Nutrition in Plants	The learners <ul style="list-style-type: none">• Recognizes autotrophic mode of nutrition in plants .• Describes photosynthesis - Food making

			<p>process in plants .</p> <ul style="list-style-type: none"> • Explores other modes of nutrition in plants . • Apply their knowledge to find how nutrients are replenished in the soil .
2.	May	Chapter 2 Nutrition in Animals	<p>The learners</p> <ul style="list-style-type: none"> • Explores that animal nutrition includes nutrient requirement, mode of intake

			<p>of food and its utilization in the body .</p> <ul style="list-style-type: none">● Identifies that digestive system consists of the alimentary canal and secretory glands.● Observes that the modes of feeding vary in different organisms .● Draws diagrams of human digestive
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			<p>system , arrangement of teeth and different types of teeth , region of the tongue for different tastes etc.</p>
3.	July	<p>Chapter- 4 Heat and Chapter- 5 Acids , Bases and Salts</p>	<p>The learner</p> <ul style="list-style-type: none"> • Concludes that a reliable measure of the hotness of an object is its temperature . • Identifies between clinical and

			<p>laboratory thermometers.</p> <ul style="list-style-type: none">● Recognizes different modes of transfer of heat .● Distinguishes between acids bases and salts .● Classifies between different types of indicators and their effects on acidic , basic and neutral solution.
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4.	August	Chapter 6 Physical and Chemical changes	The learner <ul style="list-style-type: none">● Distinguishes between physical and chemical changes .● Gets the knowledge about different kinds of changes .● Learns the effect of carbon dioxide on lime water .● Learns the importance of galvanization.
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			<ul style="list-style-type: none">• Develops the skill of awareness .
5.	September	Chapter 10 Respiration in organisms	The learner <ul style="list-style-type: none">• Knows about aerobic and anaerobic respiration .• Knows the mechanism of inhalation and exhalation .• They will analyse that

			<p>muscle cramps are due to lactic acid which forms due to an aerobic respiration in cells .</p> <ul style="list-style-type: none">● They would learn that anaerobic respiration has in the production of alcohol .● They will apply warm water in case of muscle cramps to get relief .
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6.	October	<p>Chapter 11 Transportation in Plants and Animals</p> <p>Chapter 12 Reproduction in Plants</p>	<p>The learner</p> <ul style="list-style-type: none"> ● Notes about various components of blood and their function. ● They can calculate the pulse rate and feels the heartbeat. ● Knows the structure of heart and its function . ● Learn about various modes of reproduction in plants like
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			<p>vegetable propagation .</p> <ul style="list-style-type: none"> • Differentiates between sexual and asexual reproduction in plants . • Learns about pollination and its types
7.	November	Chapter 14 Electric current and its Effects	<p>Students will be able to</p> <ul style="list-style-type: none"> • Know the symbols of electric circuit components . • Understand the applications of

			<p>heating effect of electric current .</p> <ul style="list-style-type: none">● Learn that filament in bulb glows and produces light .● Learn about magnetic effect of electric current and working of electric bell .
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8.	December	Chapter 15 Light	Students will be able to <ul style="list-style-type: none">● Study and demonstrate experimentally rectilinear propagation of light .● Differentiate between real and virtual image .● Recognize lateral inversion in daily life for example mirror images.● Rainbow formation and
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		<p>Chapter 16 Water - A Precious Resource</p>	<p>splitting of white light into seven colors .</p> <ul style="list-style-type: none">● Know how much water is available on Earth .● Find out reasons of depletion of water resources .● Explore methods of water management and conservation .
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9.	January	Chapter 17 Forests	Students will be able to <ul style="list-style-type: none">● Study diversity of plants and animals in forest .● Understand the role of decomposers in maintaining nutrients .● Realize the need of wildlife conservation .● Understand the fact that 'forest are a dynamic living entity ' .
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