

Month / No of Working Days	Name of the Unit / Chapter/Topic	Learning Outcomes	Suggested Activities/ Projects under Internal Assessment/PRACTICALS	Assignment	Assessment
APRIL	Lesson 1 Plants around us  Lesson 2 uses of plants	<ul style="list-style-type: none"> <li>Describe the features of a tree shrubs herbs climbers and creepers</li> <li>Differentiate between a flowering and a non -flowering plant</li> <li>Understand that some plants obtain food from other sources and some others even trap and eat insects</li> <li>Realise that we obtain food from plants in the form of food grains pulses fruits vegetables and oil</li> <li>Learn that the plants are the sources of water or cattle</li> <li>Recognise that plant fibre is used to make clothes</li> <li>Learn that plants sustain life on the Earth</li> <li>Realise that animals and plants depend on each other</li> </ul>	<p>Ask every child to bring pictures of at least two types of plants to the class after collecting pictures of various plants divide the class into groups now display the pictures one by one the students should take turns to correctly identify the plant as a herb shrub tree climber or creeper</p> <p>SEED ART Using food grains and pulses draw a picture</p>	<p>Paste pictures of herbs shrubs trees climbers and creepers in your classwork copy</p> <p>Draw five things that we get from plants</p>	<p>Discussion in class</p> <p>Many plants are being cut to construct buildings roads and bridges. Is this a good practice?</p> <p>By taking class test</p>
JUNE	Lesson 3 How do plants prepare their food	<ul style="list-style-type: none"> <li>Understand and identify parts of leaves</li> <li>Recognised stomata as the tiny holes on leaves</li> <li>Identify chlorophyll as the pigment</li> <li>Name photosynthesis as the process by which plants make food</li> <li>Understand where the food prepared by plants is stored</li> <li>Realised that plants and animals depends on each other</li> </ul>	Make a chart showing photosynthesis using different colour papers	Draw diagrams in the class copy	By asking critical thinking questions like how the plants without chlorophyll get energy?
JULY	Lesson 4 Adaptation in plants  Lesson 5 Flowers fruits and seeds  Lesson 6 Adaptations in animals	<ul style="list-style-type: none"> <li>Define the terms habitat and adaptations</li> <li>Understand what terrestrial plants are</li> <li>Define the terms coniferous trees deciduous trees and evergreen trees</li> <li>Explain what grasslands are</li> <li>Understand and name aquatic plants, floating plants, fixed plants and underwater plants</li> <li>Recall the parts of a perfect flower</li> <li>Classified flowers according to their types</li> <li>Explain the types of pollination</li> <li>List the ways in which pollination take place</li> <li>Constructed diagram to show the process of fertilisation</li> <li>Conclude how fruits ripen</li> <li>Define adaptation and habitat</li> <li>Realise that animals adapt to their environment</li> <li>Explain the adaptation in terrestrial arboreal ,aquatic, amphibian and aerial animals</li> <li>Realise that animals adapt for food</li> <li>Explain the adaptation in herbivores and carnivores</li> <li>Realised that animals adapt for protection</li> </ul>	<p>From the pictures identify coniferous Deciduous and evergreen trees</p> <p>Activity to show germination of a seed</p> <p>Paste 2 pictures each of terrestrial, arboreal, aquatic, amphibian and aerial animals</p>	<p>Draw different types of aquatic plants</p> <p>Make a flow chart to show different types of pollination and its ways</p> <p>Make a flow chart to show the adaptation in herbivores and carnivores</p>	<p>PERIODIC TEST -1 (Ls-1,2)</p> <p>By taking revision tests</p> <p>Through revision worksheets</p> <p>Revision test By asking questions related to the lesson</p> <p>By giving worksheet By asking questions related to the lesson</p>
AUGUST	Lesson 7 Reproduction in animals	<ul style="list-style-type: none"> <li>To understand and define the term reproduction</li> <li>Recall the insects reproduce by laying eggs</li> <li>Understand the life cycle of a cockroach and a butterfly</li> <li>We call about the amphibian and</li> </ul>	Make the life cycle of cockroach or butterfly in a creative way	Draw the structure of an egg	By asking critical thinking questions related to the lesson

		<ul style="list-style-type: none"> <li>understand the life cycle</li> <li>Know how fish reproduce</li> <li>recall that mammal give birth to young ones</li> </ul>			
SEPTEMBER		Half yearly exam			HALF YEARLY EXAMINATION (Ls-1 to 7)
OCTOBER	Lesson 1 The food we eat  Lesson 2 Food and digestion	<ul style="list-style-type: none"> <li>Recall the different types of nutrients</li> <li>Understand the role of carbohydrates proteins and fats</li> <li>Explain the importance of a balanced diet</li> <li>Recall the meaning of the term digestion and the body parts involved in the digestion</li> <li>Illustrate the steps in the digestion of food in the form of a flow chart</li> <li>List list some ways of preserving food</li> <li>Understand why food is important for us</li> <li>Define the term nutrients and name the nutrients in the food</li> <li>Rich in carbohydrates Fats proteins minerals and vitamins</li> <li>Understand why water and roughness are necessary for our body</li> <li>Understand what a balanced diet is</li> <li>Know the healthy food habits</li> <li>Understand the importance of booking and methods of food reservation</li> </ul>	Paste the pictures of two items of each carbohydrates, fats, proteins, vitamins, minerals in your class copy  Picture description of digestive system	Make a collage showing all the nutrients in a balanced diet  Make a chart showing some healthy and non healthy eating habits	Fruits and vegetables should be washed well before eating or cooking them. Can you find out why?  When you chew bread after some time it start tasting sweet. Why?
NOVEMBER	Lesson 3 Teeth and microbes  Lesson 4 Force, work and energy	<ul style="list-style-type: none"> <li>Different types of teeth</li> <li>Structure of a tooth</li> <li>Different types of teeth</li> <li>Care of teeth</li> <li>Understand about the microbes and where they are found</li> <li>To know the different types of microbes</li> <li>Microbes as our friends</li> <li>Define the term force</li> <li>Different types of force</li> <li>define term work</li> <li>explanation of simple machines</li> <li>Define the term energy and its main types</li> <li>Different kinds of energy</li> </ul>	clay modelling- make different types of teeth  Show a model of a simple machine	Make a flow chart showing different types of microbes  Make a flow chart showing energy its main type and kinds of Energy	We should brush twice a day but do you know how long we should ideally brush each time ?find out  What would happen if the earth did not have gravity? Discussion in the class
DECEMBER	Lesson 5 Our universe  Lesson 6 Natural resources	<ul style="list-style-type: none"> <li>Know about the stars</li> <li>About the different types of planets and its natural satellite</li> <li>Describe the movements of the earth</li> <li>Define natural resources</li> <li>Explain different types of natural resources</li> <li>Understand about the renewable sources</li> <li>How can we protect the soil</li> <li>how can we protect our water resources, wildlife, our forest and air</li> <li>facts about three R's</li> </ul>	Make a model of a solar system  Best out of waste	Draw the diagram in the classroom copy  Play Stanley 10 objects that we use very often paste the picture of each object in the scrap and write how you would apply the concept of reuse and recycle to it. For example Metal containers can be used as pencil holder	PT-2 (Ls1 and 2)  Animals and plants are renewable resources does this mean that we can go on cutting trees and killing animals?
JANUARY	revision				
FEBRUARY	Final Exam				FINAL EXAMS (1 to 6)
MARCH					

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