		SUBJECT. SCIENCE			
Month / No of	Name of the Unit /	Learning Outcomes	Suggested Activities/	Assignment	Assessment
Working Days	Chapter/Topic		Projects under Internal		
			Assessment/PRACTICALS		
APRIL	Ls.1- Reproduction in plants Ls.2- Animal life	Students will learn about Reproduction from seeds, Structure of seed, Seed dispersal, Explain Vegetative propagation Students will get knowledge about Food from plants, Healthy and protective crops Students will be able to Define Eating habits of animals (herbivores, carnivores, omnivores) Breathing organs in different animals, Movement in animals (terrestrial, aerial and aquatic animals)	GROUP ACTIVITY Create a seed art using different colours of cereals and pulse. To make a chart showing the different eating habits of animals.	To show the germination of seed	To create a model of human lungs
JUNE	Ls.3- Diseases	Students will get knowledge about Communicable disease and the different ways by which it is spread and Prevention of communicable diseases, Non communicable	SKIT ON • Spreading of diseases(communica ble and non-communicable disease)		

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		diseases and their symptoms, causes and cure			
JULY	Ls.4- Matter and Materials	Students will be able to define States of matter, Change of states of matter, Change in matter (physical and chemical changes)	To demonstrate a group activity showing five examples of physical and chemical changes.	Prepare a chart showing molecular arrangement of states of matter	PT-1
	Ls-5- Air	solutions Students will be able to know the definition of Composition of air, Properties of air, Students will get the knowledge about Uses of air and Ways to keep the air clean.	To demonstrate an activity showing that air has mass, air exert pressure		L s -1,2 Ls.1- Reproduction in plants Ls.2- Animal life
AUGUST	Ls.6- Water	Students will be able to understand the Uses of water, Availability of water and Conservation of water. Students will be able to know the Impurities in water, Methods to remove soluble impurities in water(evaporation), Method to remove insoluble impurities			Group Discussion Topics: Group 1: "Water is an important natural resource "how can we save it? GROUP 2 Effects of pollution on environment
	surroundings	from water			

		(sedimentation, decantation, filtration) Students will be able to define the following terms Environmental pollution, Types of pollution (air, water, land pollution), Effects of pollution, Ways to reduce pollution. Students will be able to explain Waste management, (compost, biogas, landfills)			
SEPTEMBER	REVISION AND ORALS				HALF YEARLY EXAM/ Term - I (Ls- 1,2,3,4,5,6,7)
OCTOBER	LS-1 Skeletal system Ls-2 Nervous system	Students will be able to get the knowledge about Parts of skeletal system:- (Skull, ribcage, limbs), Functions of skeletal system Students will be able to define Joints and its type, Muscles (function and its type), Parts of brain and its function Nerves	Group activity- Role play – showing sense organs and its function	Individual activity – makes a framework of body showing skeleton using matchstick or ear buds.	

		Students will get the knowledge about:- Reflex action, Sense organ and its functions			
NOVEMBER	Ls.3-Health , hygiene and safety	Students will be able to understand what a Balanced diet is.	Make a chart showing the various nutrients of food and paste the pictures of food items accordingly.		
		Students will get the information about healthy eating habits, exercise and posture, personal hygiene Safety measure to prevent accidents.			
	Ls.4-Rocks and minerals	Students will get the information about Types of rocks and its formation, Minerals	Make a paper weight of any shape using sand and glue	Collect the different types of rocks and label them.	
DECEMBER	Ls.5- Soil erosion and conservation	Students will come to know about Soil and Soil conservation		Clay modelling Make a Diya using clay	Group activity- Select any one type of soil; find out where this soil is present in India and type of crop in this soil.
	Ls.6- The Earth's satellite	Students will get the knowledge about The moon and it's Phases of moon, Eclipse Students will be able	Make a chart showing phases of moon		PT-2 LS-1 Skeletal system Ls-2 Nervous system

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		to define Artificial satellite			
JANUARY	REVISION				Group discussion- Eating too many chocolates, pastries and junk food is bad for health. Eat more fruits and green vegetables. Ways to conserve soil.
FEBRUARY	ORALS				FINAL EXAM/TERM-2 (LS-1,2,3,4,5,6)
MARCH					

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SIGNATURE OF THE SUBJECT COORDINATOR: Mrs DIVYA RAJESH