



NAVY CHILDREN SCHOOL

SPLITUP SYLLABUS-CLASS VI

SCIENCE (2024-25)

MONTH	CHAPTER NO:	CHAPTER NAME	ACTIVITIES
TERM 1			
April- June	Chapter-1	Components of food	<ul style="list-style-type: none">• Class activity- Collect sample of food rich in proteins, fats, carbohydrates, vitamins and minerals.• Stick/Draw pictures of food containing proteins, fats, carbohydrates, vitamins and minerals.• Lab activity- Activity to test the presence of sugar, starch, proteins and fats. Group discussion- Deficiency diseases using pictures, posters and charts.
	Chapter-2	Sorting Materials into Groups	<ul style="list-style-type: none">• Class Activities-Sorting objects based on their physical properties• Perform activities on solubility of various materials (sugar, salt, chalk powder, sawdust) in water.• Perform activities on transparent, translucent and opaque
July	Chapter-3	Separation of substances	<ul style="list-style-type: none">• Home Activities – Observation of various methods of separation done at home such as handpicking, sieving, winnowing, sedimentation, decantation etc.• Lab. Activities to show various methods of separation such as sieving, sedimentation and decantation, filtration, evaporation, condensation.• Lab Activities-Preparation of saturated solution.

	Chapter-4	Getting to know plants	<ul style="list-style-type: none"> • Nature walk- Based on the characteristics of plants, identify and classify them in to Herbs, Shrubs and Trees. • Lab Activity- Observe the <ol style="list-style-type: none"> 1) Leaf venation (Reticulate and parallel) and Root Systems (Tap & fibrous roots) 2) Transpiration in plants 3) Dissection of a Flower to show its parts.
August	Chapter-5	Body Movements	<ul style="list-style-type: none"> • Observe the movements of the following animals: Cockroach, Earthworm, Fish. Write one of their features of their moving patterns. • Lab Activity- Observation of Human skeleton and identify the different kinds of joints in our body.
	Chapter-6	The living organisms and their surroundings	<ul style="list-style-type: none"> • Group Discussion- Discuss in the class: Different types of Adaptations in different animals in their habitats. • Home Assignment: - Identify the different habitat found in the neighbourhood and record your observation in the notebook. • Activity to show that plants grow towards sunlight. (Response to stimuli).
	Revision for half yearly		
September	..		
TERM 2			

October	Chapter-7	Motion and measurement of distances	<ul style="list-style-type: none"> • Measure the height of your classmates with the help of a long scale or a tailor's tape. and record your observation. • Measure the length of a curved line by using meter scale and a thread
	Chapter-8	Light, shadows and Reflection (half)	<ul style="list-style-type: none"> • Prepare a model of pin hole camera and observe its working.
November	Chapter-8	Light, shadows and Reflection (continue)	<ul style="list-style-type: none"> • Lab Activity-Activity to show that light travels in a straight line.
	Chapter-9	Electricity and circuits	<ul style="list-style-type: none"> • Lab Activity-Make an electric circuit. • Testing the materials (copper wire, plastic wire, coin etc) as conductors and insulators.
December	Chapter-10	Fun with Magnets	<ul style="list-style-type: none"> • Home Activity-Make a list of things at your home in which magnets are used. • Separation of magnetic particles from sand using a bar magnet. • Activity on unlike poles attract and like poles repel.
January	Chapter-11	Air around us	<ul style="list-style-type: none"> • Activities to show that air occupies space. • Oxygen is required for burning.
Revision			



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