



**NAVY CHILDREN SCHOOL**

**SPLITUP SYLLABUS-CLASS VI**

**SCIENCE (2024-25)**

MONTH	CHAPTER NO:	CHAPTER NAME	ACTIVITIES
<b>TERM 1</b>			
April- June	Chapter-1	Components of food	<ul style="list-style-type: none"> <li>• Class activity- Collect sample of food rich in proteins, fats, carbohydrates, vitamins and minerals.</li> <li>• Stick/Draw pictures of food containing proteins, fats, carbohydrates, vitamins and minerals.</li> <li>• Lab activity- Activity to test the presence of sugar, starch, proteins and fats.</li> <li>• Group discussion- Deficiency diseases using pictures, posters and charts.</li> </ul>
	Chapter-2	Sorting Materials into Groups	<ul style="list-style-type: none"> <li>• Class Activities-Sorting objects based on their physical properties</li> <li>• Perform activities on solubility of various materials (sugar, salt, chalk powder, sawdust) in water.</li> <li>• Perform activities on transparent, translucent and opaque</li> </ul>
<b>PT-1 04 JUL 24-12 JUL 24</b>			
July	Chapter-3	Separation of substances	<ul style="list-style-type: none"> <li>• Home Activities – Observation of various methods of separation done at home such as handpicking, sieving, winnowing, sedimentation, decantation etc.</li> <li>• Lab. Activities to show various methods of separation such as sieving, sedimentation and decantation, filtration, evaporation, condensation.</li> <li>• Lab Activities-Preparation of saturated solution.</li> </ul>

	Chapter-4	Getting to know plants	<ul style="list-style-type: none"> <li>• Nature walk- Based on the characteristics of plants, identify and classify them in to Herbs, Shrubs and Trees.</li> <li>• Lab Activity- Observe the             <ol style="list-style-type: none"> <li>1) Leaf venation (Reticulate and parallel) and Root Systems (Tap &amp; fibrous roots)</li> <li>2) Transpiration in plants</li> <li>3) Dissection of a Flower to show its parts.</li> </ol> </li> </ul>
August	Chapter-5	Body Movements	<ul style="list-style-type: none"> <li>• Observe the movements of the following animals: Cockroach, Earthworm, Fish. Write one of their features of their moving patterns.</li> <li>• Lab Activity- Observation of Human skeleton and identify the different kinds of joints in our body.</li> </ul>
	Chapter-6	The living organisms and their surroundings	<ul style="list-style-type: none"> <li>• Group Discussion- Discuss in the class: Different types of Adaptations in different animals in their habitats.</li> <li>• Home Assignment: - Identify the different habitat found in the neighbourhood and record your observation in the notebook.</li> <li>• Activity to show that plants grow towards sunlight. (Response to stimuli).</li> </ul>
<b>Revision for half yearly</b>			
September	<b>HALF YEARLY EXAMINATION 06 SEP 2024 -22 SEP 2024</b>		
<b>TERM 2</b>			

October	Chapter-7	Motion and measurement of distances	<ul style="list-style-type: none"> <li>• Measure the height of your classmates with the help of a long scale or a tailor's tape. and record your observation.</li> <li>• Measure the length of a curved line by using meter scale and a thread</li> </ul>
	Chapter-8	Light, shadows and Reflection (half)	<ul style="list-style-type: none"> <li>• Prepare a model of pin hole camera and observe it's working.</li> </ul>
	Chapter-8	Light, shadows and Reflection (continue)	<ul style="list-style-type: none"> <li>• Lab Activity-Activity to show that light travels in a straight line.</li> </ul>
November	Chapter-9	Electricity and circuits	<ul style="list-style-type: none"> <li>• Lab Activity-Make an electric circuit.</li> <li>• Testing the materials (copper wire, plastic wire, coin etc) as conductors and insulators.</li> </ul>
December	Chapter-10	Fun with Magnets	<ul style="list-style-type: none"> <li>• Home Activity-Make a list of things at your home in which magnets are used.</li> <li>• Separation of magnetic particles from sand using a bar magnet.</li> <li>• Activity on unlike poles attract and like poles repel.</li> </ul>
			<b>PT2 (11 DEC 2024 TO 22 DEC 2024)</b>
January	Chapter-11	Air around us	<ul style="list-style-type: none"> <li>• Activities to show that air occupies space.</li> <li>• Oxygen is required for burning.</li> </ul>
February	<p style="text-align: center;"><b>Revision for annual exam</b>  <b>27<sup>TH</sup> FEB 2025 TO 13<sup>TH</sup> MARCH 2025 (ANNUAL EXAMINATION)</b></p>		