

**NAVY CHILDREN SCHOOL, DELHI**  
**CHAPTER-WISE SPLIT-UP SYLLABUS (AMENDED)**  
**FOR ANNUAL YEAR 2021-22 CLASS-VI**  
**SCIENCE**

MONTH	CHAPTER NO.	CHAPTER NAME	SUGGESTED ACTIVITIES
<b>TERM 1</b>			
April	Chapter-1	<b>Food: Where does it come from?</b>	<ul style="list-style-type: none"> <li><input type="checkbox"/> <b>Class activity:</b> <ol style="list-style-type: none"> <li>1. Draw /stick pictures of edible stem, root, flowers and seeds.</li> <li>2. Observe a plant and identify the various parts.</li> </ol> </li> <li><input type="checkbox"/> <b>Lab activity:</b> sprouting of seeds (moong dal/ chana)</li> </ul>
	Chapter-2	<b>Components of food</b>	<ul style="list-style-type: none"> <li><input type="checkbox"/> <b>Class activity:</b> <ol style="list-style-type: none"> <li>1. Collect the samples of food containing proteins, fats, carbohydrates, vitamins and minerals.</li> <li>2. Prepare posters and charts of vitamins and minerals.</li> </ol> </li> <li><input type="checkbox"/> <b>Lab activity-</b> Activity to test the presence of sugar, starch, proteins and fats.</li> <li><input type="checkbox"/> Know your tiffin – Check out and discuss about the food items and the ingredients from which they are made</li> <li><input type="checkbox"/> <b>Group discussion-</b> Deficiency diseases using pictures, postures and charts.</li> </ul>
June	Chapter-3	<b>Fibre to fabric</b>	<ul style="list-style-type: none"> <li><input type="checkbox"/> <b>Class activity:</b> Collect different types of samples of fibres and observe them.</li> <li><input type="checkbox"/> <b>Lab activity:</b> <ol style="list-style-type: none"> <li>1. Burn test of various plant and animal fabrics.</li> <li>2. Bead test to show the difference in the nature of fibres.</li> </ol> </li> <li><input type="checkbox"/> <b>Home observation-</b> Identify natural and synthetic fibres.</li> <li><input type="checkbox"/> <b>Project-</b>knitting and weaving using colour papers</li> </ul>
July	Chapter-5	<b>Separation of substances</b>	<ul style="list-style-type: none"> <li><input type="checkbox"/> <b>Home Activities:</b> Observation of various methods of separation done at home such as handpicking, sieving, winnowing, sedimentation, decantation, etc.</li> <li><input type="checkbox"/> <b>Lab Activities:</b> Demonstrate various methods of separation such as sieving, sedimentation and decantation, filtration, evaporation, condensation.</li> </ul>

August	Chapter-7	<p><b>Separation of substances(contd.)</b></p> <p><b>Getting to know plants</b></p>	<ul style="list-style-type: none"> <li>□ <b>Field trip:</b> Based on the characteristics of plants, identify and classify them into Herbs, Shrubs and Trees.</li> <li>□ <b>Lab Activity:</b> <ol style="list-style-type: none"> <li>1. Observe the Reticulate and parallel venation of leaf and Tap root and fibrous roots system.</li> <li>2. Transpiration in plants</li> <li>3. Dissection of a Flower to show its parts.</li> </ol> </li> </ul>
	Chapter-8	<b>Body movements</b>	<ul style="list-style-type: none"> <li>□ <b>AV Module:</b> Observe the movements of the following animals: Cockroach, Earthworm, and Fish. Write one of their features of their moving patterns.</li> <li>□ <b>Lab Activity:</b> Observation of Human skeleton and identify the different kinds of joints in our body.</li> </ul>
September		<p><b>Body movements (contd.)</b></p> <p><b>Revision/Half-yearly examinations</b></p>	<b>REVISION FOR HALF YEARLY EXAMINATIONS</b>
<b>TERM 2</b>			
October	Chapter-10	<b>Motion and Measurement of Distances</b>	<ul style="list-style-type: none"> <li>□ <b>Class activity:</b> Measure the height of your classmates/family members with the help of a longscale or a tailors tape. Find out the tallest and the shortest student in your class and record your observation.</li> <li>□ <b>Lab activity:</b> Measuring the length of a curved line by using meter scale and thread.</li> <li>□ <b>Home Observation-</b> Day to day examples of different types of motions.</li> </ul>
November	Chapter-11	<b>Light, Shadow and Reflection</b>	<ul style="list-style-type: none"> <li>□ <b>Class activity:</b> Prepare a model of a pin hole camera and observe its working.</li> <li>□ <b>Lab activity:</b> <ol style="list-style-type: none"> <li>1. To observe light travels in a straight line.</li> <li>2. To identify the reflection of light by using laser and mirror.</li> <li>3. Activities showing passage of light through transparent and translucent objects and how opaque objects block light.</li> </ol> </li> </ul>
	Chapter-12	<b>Electricity and Circuits</b>	<ul style="list-style-type: none"> <li>□ <b>Lab Activity:</b> Making an electric circuit. Testing the materials as conductors and insulators</li> <li>□ <b>Class activity:</b> Showing the parts of an electric bulb, cell and torch.</li> </ul>

December	Chapter-13	<b>Fun with magnets</b>	<ul style="list-style-type: none"> <li><input type="checkbox"/> <b>Lab Activity:</b> Properties of magnets by using different materials. Showing different shapes of magnets.</li> <li><input type="checkbox"/> <b>Home Activity:</b> Make a list of things at your home in which magnets are used.</li> </ul>
January	Chapter-15	<b>Air around us</b>	<ul style="list-style-type: none"> <li><input type="checkbox"/> <b>Lab Activity/Class activity:</b> <ol style="list-style-type: none"> <li>1. To show that air occupies space.</li> <li>2. Oxygen is required for burning.</li> <li>3. Air contains water vapour.</li> <li>4. Water contains air in it.</li> <li>5. Soil contains air in it.</li> </ol> </li> </ul>
	Chapter-16	<b>Garbage in, Garbage out</b>	<ul style="list-style-type: none"> <li><input type="checkbox"/> <b>Lab activity:</b> Recycling of paper.</li> <li><input type="checkbox"/> <b>Class activity-</b> Making of green and blue dust bins for the class for disposing biodegradable and non-biodegradable waste.</li> <li><input type="checkbox"/> Best out of waste by the students in the class.</li> <li><input type="checkbox"/> Making poster – Give waste another chance.</li> <li><input type="checkbox"/> Know about vermicomposting pit.</li> </ul>
February		<b>Garbage in, Garbage out ( contd.)</b>	<ul style="list-style-type: none"> <li><input type="checkbox"/> <b>Revision for annual examinations.</b></li> </ul>
March			<ul style="list-style-type: none"> <li><input type="checkbox"/> <b>Annual Examination</b></li> </ul>

**DELETED CHAPTERS FOR THE ANNUAL YEAR 2021-22**

<b>CHAPTER NO.</b>	<b>CHAPTER NAME</b>
CH-4	SORTING MATERIALS INTO GROUPS
CH-6	CHANGES AROUND US
CH-9	THE LIVING ORGANISMS AND THEIR SURROUNDINGS
CH-14	WATER