

SBP DAV Centenary Public School, Fatehabad
Subject - Science **Class- VII**

MONTH & CHAPTER	CONTENT	ACTIVITIES/ Co-curricular Activities
<p>April Nutrition in living Organism -Plants. Nutrition in living organism - Animals & Man</p>	<p>Modes of Nutrition in Plants, Other modes of nutrition in Plants, Modes of nutrition on other organisms, how are Nutrients replenished in the soil.</p>	<p>To study the function of Stomata. To grow bread moulds on a moist piece of Bread.</p>
<p>May Nutrition in living organism - Animals & Man</p>	<p>Mode of intake of food, Food habits of animals, Nutrition in Humans, Nutrition in Grass eating animals, Nutrition in Amoeba</p>	<p>To find out the number of milk teeth and permanent teeth in human beings.</p>
<p>Chemical substances and Processes</p>	<p>Chemical Symbols, Chemical formula, Chemical Changes, Chemical equation, Types of chemical equation.</p>	<p>Animated Videos</p>
<p>June Acids Bases And Salts</p>	<p>Bases and alkalis, Indicators, Neutralization and formation of salts, Classification of salts</p>	<p>Test of acids and bases Using Litmus paper. Use of turmeric as indicator for acidic or basic medium</p>
<p>July Heat</p>	<p>Heat as energy, Heat and Temperature, Measurement of Temperature, Transfer Of Heat, Global wind patterns.</p>	<p>Animated Videos</p>
<p>Motion and Time</p>	<p>All motion is relative, different types of motion, speed, uniform and non-uniform motion, simple calculations, graphs</p>	<p>To measure different types of graphs related to distance and time</p>

<p>August</p> <p>Respiration in living organisms</p> <p>Water</p> <p>Transportation in Plants & Animals</p>	<p>Types of respiration, Respiration in plants, Respiration in animals, Respiration in Humans</p> <p>Water on earth, scarcity of water, Water management and rain water harvesting</p> <p>Transportation in plants, transpiration in plants, transportation in animals, Excretion in plants</p>	<p>Animated Videos</p> <p>Animated Videos</p> <p>To show how the water absorbed by the roots is transported in a plant</p>
<p>September</p> <p>Reproduction in plants</p>	<p>Types of reproduction, asexual reproduction, Sexual reproduction, seed dispersal</p>	<p>To grow yeast in beaker. Separating parts of hibiscus Flower and pasting on the scrap file. Reproduction of new potato from eye potato. Prepare a terrarium.</p>
<p>October</p> <p>Soil</p> <p>Fabric from Fibre</p>	<p>How is soil formed?, Soil Profile, Composition of soil, Soil as a resource, Soil pollution, soil and crops, Soil Erosion.</p> <p>Animal fibres, Wool, Silk</p>	<p>To study different types of soil. Record observations of growing of plants in three different pots with different Soils.</p> <p>To collect different types of Fabrics</p>

<p>November</p> <p>Electric charges at rest</p>	<p>Uncharged and charged objects, conductors and insulators, kinds of charges in nature, Methods of charging up, Charges in nature, Safety precautions during lightning</p>	<p>To demonstrate uncharged objects get attracted towards charged objects</p>
<p>Forest</p>	<p>Components of forests, Life in a forest, Layers of the forest, Importance of forests, Deforestation and other problems related to forests, some common trees in India.</p>	<p>Locating Sanctuaries and National parks on map</p>
<p>Electric current and its effects</p>	<p>Heating effect of electric current, Electric fuses, magnetic effect of current, Electro magnets</p>	<p>To make an electric circuit/electromagnet. To study the working of an electric bell.</p>
<p>December</p> <p>Light</p>	<p>laws of reflection, Multiple Images, Spherical Mirrors, Images formed by spherical mirrors, Practical uses of mirrors</p>	<p>To Prepare a Kaleidoscope. •To demonstrate the Characteristics of an image formed by a plane mirror, convex mirror.</p>
<p>Weather, climate and adaptations of animals to climate</p>	<p>Weather elements, Climate, Climate and adaptation, Polar regions and tropical rain forests</p>	<p>To make a weather scrap Book. To draw all the zones of political map of India</p>
<p>Jan</p> <p>Revision</p>		
<p>Feb and March</p> <p>Examination</p>		