

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

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

<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>		