



CHRIST SCHOOL

Bengaluru - 560029

PROGRAMME OF WORK FOR THE YEAR -2019-20

CLASS: VII

SUBJECT: SCIENCE

MONTH	TOPIC	ACTIVITY
JUNE	<ol style="list-style-type: none">Nutrition in Plants<ul style="list-style-type: none">➤ Photosynthesis➤ How nutrients are replenished in the soilHeat<ul style="list-style-type: none">➤ Hot cold➤ Measuring temperature➤ Transfer of heat➤ Kinds of clothes we wear in summer and winterAcids, Bases and Salts<ul style="list-style-type: none">➤ Acids and bases➤ Natural indicators➤ Neutralisation	<ol style="list-style-type: none">Draw a labelled diagram showing section of leaf (Nutrition in Plants)Measurement of temperatures using a thermometer (Heat)
	Formative Assessment – 1	
JULY	<ol style="list-style-type: none">Nutrition in Animals<ul style="list-style-type: none">➤ Different ways of taking food➤ Digestion in humansPhysical and Chemical Changes<ul style="list-style-type: none">➤ Physical change➤ Chemical change	
AUGUST	<ol style="list-style-type: none">Fibre to Fabric<ul style="list-style-type: none">➤ Animal fibres➤ From fibre to wool➤ Life history of silk moth➤ From cocoon to silkWeather, Climate and Adaptations of Animals to Climate<ul style="list-style-type: none">➤ Weather and Climate➤ Climate and Adaptation	<ol style="list-style-type: none">Make a creative diagram of Human Digestive system using only eco-friendly materials (Nutrition in Animals)Make a creative presentation of life history of Silk moth (Fibre to Fabric)

	Formative Assessment – 2	
AUGUST	1. Soil <ul style="list-style-type: none"> ➤ Soil Profile ➤ Soil types ➤ Soil and Crops 	
SEPTEMBER	2. Winds storms and Cyclones <ul style="list-style-type: none"> ➤ High speed winds are accompanied by reduced air pressure ➤ Air expands on heating ➤ Thunder storms and cyclones ➤ Generation of wind currents 	
	Summative Assessment – 1	
OCTOBER	1. Respiration in Organisms <ul style="list-style-type: none"> ➤ Human Respiratory system ➤ Breathing in other animals 2. Transportation in Animals and Plants <ul style="list-style-type: none"> ➤ Human Circulatory system ➤ Excretion in animals ➤ Transport of substances in plants 	
NOVEMBER	1. Motion and time <ul style="list-style-type: none"> ➤ Speed ➤ Measurement of Time and Speed ➤ Distance –Time Graph 2. Electric current and its effects <ul style="list-style-type: none"> ➤ Electric current ➤ Symbols of electric components ➤ Heating effect of electric current ➤ Magnetic effect of electric current 3. Reproduction in plants <ul style="list-style-type: none"> ➤ Modes of Reproduction ➤ Fruits and seed Formation ➤ Seed Dispersal 	1. Make a model to show the mechanism of breathing ((Respiration in Organisms) 2. Draw the graphical representation of motion of the given bus by a distance – time graph (Motion and Time)
	Formative Assessment – 3	
DECEMBER	1. Light <ul style="list-style-type: none"> ➤ Reflection of Light 	

	<ul style="list-style-type: none"> ➤ Spherical Mirrors ➤ Lenses ➤ Images formed by Lenses <p>Sunlight white or coloured</p>	
JANUARY	<p>Water: A Precious Resource</p> <ul style="list-style-type: none"> ➤ How much water is available ➤ Ground water and Depletion of water table ➤ Rain water harvesting <p>2. Forests: Our Lifeline</p> <ul style="list-style-type: none"> ➤ Visit to a forest ➤ Humus and Decomposers 	
FEBRUARY	<p>1. Waste water Story</p> <ul style="list-style-type: none"> ➤ Water our life line 	<p>1. Make a model of Newton's Colour Disc (Light)</p> <p>2. Prepare an article on water shortage by collecting relevant paper clippings from newspapers and magazines. Also list out some problems faced by the people by water shortage (Waste water Story).</p>
	Formative Assessment – 4	
	<p>1 Waste water Story (contd.)</p> <ul style="list-style-type: none"> ➤ Treatment of polluted water ➤ Better house keeping practices 	
MARCH	REVISION	
	Summative Assessment – 2	