

**MORARJI DESAI RESIDENTIAL SCHOOL, BEVOOR, T: YELABURGA**

**Class: VII YEAR PLAN (SCIENCE) 2020-21**

Month	Periods Available	Chapters/ Content	Periods Required	Teaching Aids	Completed/ Not Completed	Reason For Not Completing	Homework Given	Sub-Teacher's Sign	Principal's Sign
May	02	Bridge Course	02						
June	26	Bridge Course	03	Charts, leaves					
		Contd....	03						
		-Living and Non Living Things	02 02						
		-Air Around Us	04						
		-Plants	05						
		-Animals							
		<b>1) Nutrition in Plants</b>							
		-Photosynthesis							
		-Other modes of nutrition in plants	07						
		-How nutrients are replenished							
		<b>2) Nutrition in Animals</b>	09	Charts					
		-Digestive system in Humans							
		-Digestion in cattle and amoeba							
		<b>3) Fibre to Fabric</b>							
		-Animal fibres-making wool and silk	07	Different types of woolen and silk clothes					
		-Woollen and silk clothes							

<b>July</b>	<b>27</b>	<b>4) Heat</b> -Temperature -Types of thermometer -Transfer of heat -Convection and radiation -Types of clothes <b>FA 1</b>	09  02	Thermometer					
<b>August</b>	<b>24</b>	<b>5) Acids, Bases and Salts</b> -Indicators -Acids and bases Neutralization <b>6) Physical and Chemical Changes</b> -Physical change -Chemical change -Rusting -Crystallization <b>7) Weather, Climate and Adaptations of Animals to Climate</b> -Weather and climate Adaptations in polar regions and rain forests	09  08  07	Acids, bases, litmus paper   Leaf-green and dry, water, ice   Charts					
<b>September</b>	<b>21</b>	<b>8) Winds, Storms and Cyclones</b> -Air and wind -Wind and low pressure -Wind currents and weather -Thunderstorms and cyclones: effects and precautions <b>Revision</b>	05	Charts					

		<b>FA 2 I Semester Examination</b>	10 10						
<b>October</b>	<b>5</b>	Vacations <b>9) Soil</b> -Soil Profile -Soil types -Properties of soil -Soil and crops	05	Different types of soil					
<b>November</b>	<b>23</b>	<b>10) Respiration in Organisms</b> -Types of respiration-Breathing in humans and other animals-Breathing in plants <b>11) Transportation in Animals and Plants</b> -Circulatory system -Arteries and veins -Heart -Excretion in humans <b>12) Reproduction in Plants</b> -Types of reproduction -Methods of asexual reproduction	09 10 04	Charts  Charts  Charts, Hibiscus flower					
		Sexual reproduction -Pollination and fertilization <b>13) Motion and Time</b> -Speed, units -Measurement of time	05	charts					

<b>December</b>	<b>25</b>	<ul style="list-style-type: none"> <li>and speed</li> <li>-Distance time graph</li> </ul> <p><b>14) Electric Current and Its Effects</b></p> <ul style="list-style-type: none"> <li>-Electric components</li> <li>-Heating effect of current</li> <li>-Magnetic effect of current</li> <li>Electromagnet: electric bell</li> </ul> <p><b>FA 3</b></p>	09						
			09	Wires, simple electric circuit					
			02	insulators					
<b>January</b>	<b>25</b>	<p><b>15) Light</b></p> <ul style="list-style-type: none"> <li>-Reflection of Light</li> <li>-Spherical mirrors and images</li> <li>-Lenses</li> <li>-White light</li> </ul> <p><b>16) Water</b></p> <ul style="list-style-type: none"> <li>-Sources of water</li> <li>-Forms of water</li> <li>-Water scarcity</li> <li>-Water management</li> </ul> <p><b>17) Forests: Our Lifeline</b></p> <ul style="list-style-type: none"> <li>-Types of Plants and animals in Forest</li> <li>Benefits of forest</li> </ul>	11	Different types of mirrors Lens					
			07	Charts					
			07	Charts					
<b>February</b>	<b>25</b>	<p><b>18) Wastewater Story</b></p> <ul style="list-style-type: none"> <li>-Water and sewage</li> <li>-Treating polluted water</li> <li>Waste water treatment plant</li> </ul>	08	Charts					

		-Sanitation <b>Practical FA 4</b>	10 02	Charts					
<b>March</b>	<b>26</b>	<b>Revision Summative Assessment II</b>	26						
<b>April</b>	<b>12</b>	<b>Evaluation Result</b>	12						

**Subject Teacher's Signature**

**Principal's Signature**