

## YEAR PLAN 2021-22 (Monthly Break-up)

### Textbook for Class VII Science (NCERT)

**SUBJECT: SCIENCE**

**GRADE: 7**

**TEACHER: JIJI ABRAHAM**

JUNE	JULY	AUGUST-SEPTEMBER	SEPTEMBER-OCTOBER	OCTOBER-NOVEMBER
<p><b>Chapter 1-Nutrition in plants</b></p> <p>AI-Draw - diagram showing photosynthesis</p> <p>*Draw the diagram of cell</p> <p>Lab activity, Group discussion, worksheet. <b>Class test</b></p>	<p>Ch-2 Nutrition in animals, Ch.3 Fibre to fabric</p> <p>Art integration.-processing of fibre into wool with the help of a flow chart, Worksheet</p> <p>Art Integration Model making of human digestive system.</p> <p>Flipped Classroom: Modes of feeding in animals</p>	<p>Ch.4 Heat, Ch.5 Acid base salt</p> <p>Art Integration Spiral paper cutting to learn convection.</p> <p>Group discussion, Lab activities, worksheets, Drawing diagrams</p> <p>Flipped Classroom: Modes of transfer of heat., Class test</p>	<p>Ch.6 Physical and chemical change</p> <p>Art Integration Clay modelling with different colours.</p> <p>Learning by doing:: Physical and chemical changes in our day- to – day life</p> <p>Lab activity, worksheet</p>	<p>Chapter 10 Respiration in organism</p> <p>Art Integration Make a poster on effects of Air pollution.</p> <p>*To make a model representing human respiratory system.</p> <p>Lab activity, Worksheet.</p>
NOVEMBER-DECEMBER	DECEMBER	JANUARY	FEBRUARY	MARCH
<p>Ch.11-Transportation in Animals and Plants</p> <p>AI- Make a model of circulatory system</p> <p>Lab activity, Group discussion on blood donation</p> <p>Worksheets. Class test</p>	<p><b>Ch.12 Reproduction in plants</b></p> <p>AI-Diagrammatic representation of different types of fruits and their seeds on a chart.</p> <p>Flipped Classroom: Asexual reproduction in plants.</p> <p>Lab activity, Worksheet, Class test.</p>	<p><b>Ch.13 Motion and time</b></p> <p>AI -Graphical representation of uniform and non-uniform motion.</p> <p>Calculation of speed of a fast moving and slow moving object.</p> <p>Worksheet, Class test</p>	<p><b>Ch.14 Electric current and its Effects</b></p> <p><b>Ch.15 Light</b></p> <p>Constructs the model of an electromagnet and anemometer</p> <p>AI-Draw labelled diagram of electric circuit and symbolic representation of electric circuit components. And Newton's disc</p> <p>Worksheets and class test</p>	<p>Ch.16 Water a Precious Resource</p> <p><i>Art Integration Create a logo or symbol depicting water scarcity.</i></p> <p><i>Make a model of rainwater harvesting system, draws water cycle and labels it</i></p> <p><i>Worksheet and class test</i></p>