

YEAR PLAN 2021-22 (Monthly Break-up) Learning Elementary Science By Goyal Brothers Prakashan

SUBJECT: SCIENCE

GRADE: IV

TEACHER: Ms Indira

JUNE	JULY	AUGUST	SEPTEMBER	OCTOBER
<p>Ch-1 Plant Life.</p> <p>ACTIVITY: # Draw a picture showing photosynthesis.</p> <p># Draw and label the parts of a leaf.</p> <p>Cross curricular activity linked to English: Write a limerick on leaves</p> <p>Ch-2 Adaptation in plants</p> <p>ACTIVITY: Write a few sentences about any two mangrove forests in India.</p> <p>Cross curricular activity linked to SSc:</p> <p>Find out the factors affecting the growth of plants growing in desert areas. Do they have any economic value?</p>	<p>Ch-2 Adaptation in plants(Cont.)</p> <p>Ch-3 Adaptation in animals.</p> <p>Activity: Stick/ draw pictures & Write any two examples for animals get merged with their surroundings.</p> <p>Cross curricular activity linked to Social science: Migration can be connected to social science. Migration can be done due to war and chaos in different parts of the world.</p> <p><u>SUBJECT ENRICHMENT ACTIVITY</u></p> <p>Collect some information on the plants and animals found in a rain forest. Draw or paste their pictures and write information about them. Decorate and make your project look attractive.</p> <p>PERIODIC TEST -1</p>	<p>Ch-4 Reproduction in animals</p> <p>Activity: Draw a life cycle of Butterfly in the note book.</p> <p>Cross curricular activity linked to English.</p> <p>Write the names of the young ones of the given animals.</p> <p>Ch-5 Food and Digestion.</p> <p>Activity: Students can write any two methods of preservation and write the importance of preservation.</p> <p>Cross Curricular linked to SSc-</p> <p>Collect information on traditional food of Kerala and Tamilnadu and its recipe. Find out its nutrition value.</p>	<p>Ch-6 Teeth and Microbes.</p> <p>Activity: Draw/ stick pictures & write few sentences about the following :</p> <p>*Any two useful bacteria</p> <p>*Any two harmful microbes</p> <p>Cross curricular activity linked to Microbiology. Teacher can give a worksheet based on these microbes.</p> <p>Ch-7 Safety First</p> <p>Ch-6 Activity: Students can make a first aid box for their home.</p> <p>Cross curricular activity linked to Social welfare of the society: Teacher can give a worksheet based on this.</p>	<p>Ch-8 The Right clothes to wear.</p> <p>Activity: Do an experiment to show that different clothes have different absorbing capacity.</p> <p>Cross curricular activity linked to Social Science: People wear different types of clothes In different regions of India. Students can make a list of it.</p> <p>HALF-YEARLY EXAMINATION</p>

NOVEMBER	DECEMBER	JANUARY	FEBRUARY	MARCH
<p>Ch-9 Weather and Water</p> <p>Activity: # Make a model of water cycle.</p> <p>Cross curricular activity linked to meteorological department. Weather forecast can be done with the help of meteorological department. Teacher can share a video about this.</p> <p>.Ch-10 States of Matter</p> <p>ACTIVITY:</p> <p># To show physical change and chemical change:</p> <p>Materials required:</p> <p>*Water glass and ice cubes</p> <p>*Dough of wheat flour and baked Roti.</p> <p>Cross curricular activity linked to Math: To find out the volume of liquid</p> <p>To find out the volume of ice cube Etc. – Worksheet.</p>	<p>Ch-11 Force, work and energy</p> <p>Activity: To show the properties of force:</p> <p>Requirements: Ball, Clay or chapatti dough, Teacher can show how to change the direction of a moving object.</p> <p>How to change the shape of an object when we apply force on it.</p> <p>Cross curricular activity linked to math :</p> <p>To find out the net force applied on an object. Students can do simple sums.</p> <p>SUBJECT ENRICHMENT ACTIVITY - AIL 2022</p> <p>Based on AIL- 2021</p> <p>PERIODIC TEST -2</p>	<p>Ch-12 Stars and planets.</p> <p>ACTIVITY:</p> <p>Write the importance of solar energy in our daily life. Give a brief account of using solar energy to operate machines.</p> <p>Cross curricular activity linked to Social science. Structure of the earth can be related to social science. Explain different layers of earth.</p>	<p>REVISION FOR ANNUAL EXAMINATION</p>	<p>ANNUAL EXAMINATION</p>