

SYLLABUS OF SUBJECT: G.Science
CLASS: VII
SESSION: 2021-22

DURATION	SYLLABUS COVERED	SYLLABUS TESTED	SUBJECT ENRICHMENT / PRACTICAL
PT 1 (JULY- AUG)	Ch1: Nutrition in Plants Ch2: Nutrition in animals Ch13: Time and Motion Ch15: Light Ch8: Winds, Storms & Cyclones	Ch2: Nutrition in animals Ch13: Time and Motion	Ex1: To show light is necessary for photosynthesis. Ex2: To calculate time period of a simple pendulum. Ex3: To plot distance vs time graph for uniform motion. Ex4: To show that air expands on heating and contracts on cooling.
HALF YEARLY (SEP)	Ch16: Water – A Precious Natural Resource Ch10: Respiration in Organisms Ch5 : Acids, Bases and Salt Ch17: Forests:Our Lifeline Ch18: Wastewater Story	Ch1: Nutrition in Plants Ch2: Nutrition in animals Ch13: Time and Motion Ch15: Light Ch8: Winds, Storms & Cyclones Ch16: Water – A Precious Natural Resource Ch10: Respiration in Organisms Ch5 : Acids, Bases and Salt Ch17: Forests:Our Lifeline	Ex5: To show that exhaled air contains carbon dioxide. Ex6: To study effect of various indicators on acids and bases

PT 2 (OCT-NOV)	<p>Ch11:Transportation in Plants & Animals</p> <p>Ch14:Electric current and its Effects</p> <p>Ch3: Animal Fibres</p> <p>Ch7: Weather, Climate and Adaptation to Climate</p>	<p>Ch11: Transportation of Materials in Plants and Animals</p> <p>Ch14: Electric current and its Effects</p>	<p>Ex7: To calculate the pulse rate doing various activities like sitting, after jumping for 2 minutes etc.</p> <p>Ex8: To show the heating effect of electric current.</p> <p>Ex9: To make an electromagnet.</p> <p>Ex10: To record temperature using laboratory thermometer</p>
ANNUAL (FEB)	<p>Ch4: Heat and its Effects</p> <p>Ch9: Soil</p> <p>Ch12: Reproduction in plants</p> <p>Ch6: Physical and chemical Changes</p>	<p>All chapters and practicals covered after Half yearly exams +</p> <p>Ch2: Nutrition in Animals</p> <p>Ch13: Motion and Time and</p> <p>Ch5: Acids, Bases and Salts of term 1</p>	<p>Ex11: To find the percentage of water absorbed by different types of soils (i.e sandy,clayey and garden soil)</p> <p>Ex12: To study displacement reaction between copper sulphate and iron.</p>