

**SYLLABUS OF SUBJECT : G.Science**

**CLASS V(2021-22)**

**PRESCRIBED BOOK: EXPANDED UNIVERSAL SCIENCE BY PEARSON**

<b>DURATION</b>	<b>SYLLABUS COVERED</b>	<b>SYLLABUS TESTED</b>	<b>SUBJECT ENRICHMENT / PRACTICAL</b>
PT 1 (JULY- AUG)	<b>Ch 1 - More about plants, Ch 2 - Animals in their surrounding &amp; Ch 6 - Safety &amp; First-Aid Ch12- Soil</b>	<b>Ch 1-More about plants, Ch 2 - Animals in their surrounding</b>	<b>Experiment-1 To prove that air, water and sunlight are necessary for seed germination Experiment-2 To classify the given substances as soluble and insoluble in water Experiment-3 To classify the given substances as miscible and immiscible in water</b>
HALF YEARLY (SEP)	<b>Ch3 – The Skeleton and Muscular system Ch 4 – The Nervous system Ch 9 - Natural disasters Ch 11 - Rocks &amp; minerals</b>	<b>Ch 1 - More about plants Ch 2 - Animals in their surrounding, Ch3 - Skeleton system Ch 4 - Nervous system Ch 6 - Safety &amp; First-Aid Ch 9 - Natural disaster Ch 11 - Rocks &amp; minerals Ch 12 - Soil</b>	<b>Act1:*Model of Skeletal system Act2:*Conduct your own safety drive Experiment-6 To classify different objects as opaque, transparent and translucent. Experiment-8 To classify the given material as biodegradable and non-biodegradable</b>
PT 2 (OCT- NOV)	<b>Ch 5 - Good health, Ch 7 - Air &amp; water, Ch13-States of matter</b>	<b>Ch 5 - Good health, Ch 7 - Air &amp; water</b>	<b>Experiment-5 To prove that air exerts pressure Experiment9- To prove that carbon dioxide gas helps in putting out fire. Experiment-4 to separate solid impurities in water by filtratio</b>
ANNUAL (FEB)	<b>Ch 8 –Sun, Moon and Eclipses, Ch 10 – Changes in our environment Ch14 - Force, energy &amp; simple machine</b>	<b>Full syllabus</b>	<b>Act1-*Simple Machines Act2*Food pyramid Experiment-7To study the formation of eclipses with the help of torch and balls</b>

**SUBJECT WEEK DATES AND NAME : 1 to 16 November , Name –“ ROCKET SCIENCE”  
PRESENTATION WEEK DATES AND TOPIC: 8 – 15 December( STATES OF MATTER)**