

SYLLABUS OF SUBJECT : G.SCIENCE 2021.22
CLASS VIII

DURATION	SYLLABUS COVERED	SYLLABUS TESTED	SUBJECT ENRICHMENT / PRACTICAL
PT 1 (JULY- AUG)	CH-11 Force and Pressure CH-8 Cell structure and function CH-5 Coal and petroleum CH-6 Combustion and flame CH-12 Friction CH-2 Microorganisms: Friend and Foe CH-18 Pollution of air and water CH-7 Conservation of plants and animals	CH-11 Force and Pressure CH-8 Cell structure and function	1. To compare the water absorbing capacity of nylon and cotton 2. To show that a more reactive metal displaces less reactive metal from its salt solution but the reverse is not possible 3. To observe onion peel cells under compound microscope. 4. To show that liquids exert equal pressure at same depth
HALF YEARLY (SEP)	CH-13 Sound CH-3 Synthetic fibres and Plastics	CH-11 Force and Pressure CH-8 Cell structure and function CH-5 Coal and petroleum CH-6 Combustion and flame CH-12 Friction CH-2 Microorganisms: Friend and Foe CH-18 Pollution of air water CH-13 Sound CH-3 Synthetic fibres and Plastics	5. To show that sound can travel through liquids 6. To verify the first law of reflection that is angle of incidence is equal to angle of reflection
PT 2 (OCT- NOV)	CH-1 Crop production and Management CH- 4 Metals and Non- metals CH-9 Reproduction in Animals CH-10 Reaching the age of adolescence CH- 16 Light CH-15 Some natural phenomenon	CH-1 Crop production and Management CH- 4 Metals and Non- metals	1. To show that carbon dioxide is released during fermentation 2. To show that a combustible substance doesn't catch fire if its temperature is lower than its ignition temperature 3. To show that rolling friction is less than the sliding friction in magnitude 4. To study the chemical effect of electric current 5. To perform electroplating of an

			object with copper 6. To show that like charges repel each other and unlike charges attract each other
ANNUAL (FEB)	CH-14 Chemical effects of Electric current CH-17 Stars and the Solar System	All chapters covered after Half yearly exams + CH-13 Sound + CH-8 Cell structure and function + CH-11 Force and Pressure +CH 12 Friction	