

SYLLABUS FOR THE SESSION 2023-24

CLASS - VIII

SUBJECT - Science

MONTH	TEXT BOOK -	DIGITAL RESOURCES	SUBJECT ENRICHMENT ACTIVITIES
April	Ch 1- Crop production and management Ch 2 - microorganisms	Explanation from E-Library	1. To study various microbes / microorganism using permanent slides. 2. To find out water holding capacity of different soil samples by percolation method.
May	Ch 3- Synthetic fibres and plastics Ch 13 - Sound	Animated videos	1. To study the properties and uses of various synthetic fibres. 2. To study that sound requires a medium to propagate
July	Ch 4- Metals and non-metals Ch 8- Cell - structure and functions	Mind map and online quiz from back exercise	1. To study a displacement reaction in solution. 2. To prepare a temporary stained mount of onion peel and view the structure of a plant cell under a compound microscope.
August	Ch 5- Coal and petroleum Ch 11- Force and pressure Ch 12- Friction	Demonstration by video	1. To measure weight of an object by using a spring balance. 2. To observe that sliding friction depends on the nature of the surface and material of the surface in contact.
September	REVISION		
October	Ch 6- Combustion and flame Ch 9- Reproduction in animals Ch 13- Sound	Flow chart from E-library	1. To study the various zones of candle flames 2. To study that sound requires a medium to propagate
November	Ch 10- Reaching The age of adolescence Ch 15- Some natural phenomenon	Animated videos	Project :Which country in the world is frequently effected by earth quakes ? Collect the information and photographs on the recent earth quake in Japan
December	Ch 14- Chemical effects of electric current Ch 16- Light	Mind map and exolanation from E-library	1. To study flow of current through various liquid samples. 2. To study dispersion of light using a plane mirror inclined on water surface
January	Ch 7- Conservation of plants and animals Ch 17- Stars and the solar system Ch 18- Pollution of air and water	Demonstration by video	Project: Big Bang Theory