

ACADEMIC PLANNER (2020-2021)**Class - VIII****SUBJECT - SCIENCE**

MONTH/DAYS	CONTENTS	ACTIVITY/EXPERIMENT.
APRIL		
1- 15 (08 days)	Chapter 1 Crop Production & Management	1.1 To separate healthy seeds from damaged seeds Revision L-1
16 - 30 (13 days)	Chapter 2 Micro-organism	2.1 To study fermentation of sugar solution by yeast. Revision L-2
	Chapter 3 Synthetic Fibres & Plastics	To study the different synthetic fibres Revision L-3
		Educosoft online assessment
MAY		
1 - 15 (12 days)	Chapter 7 Conservation of Plants and Animals	7.1 To classify the given plants and animals as endemic, endangered and extinct species. Revision- Conservation of plants and animals
		Educosoft online assessment
JULY		
1- 15 (12 days)	Chapter 5 Coal & Petroleum	5.1 In an outline map of India trace the coal, petroleum reserves and oil refineries of india. Revision- Coal and petroleum
16 - 31 (14 days)	Chapter 6 Combustion and Flame	6.1 To study air is necessary for combustion Revision - combustion and flame
		Educosoft online assessment
	UNIT TEST-1	SYLLABUS OF UNIT TEST-1 (40 marks)
		Chapter 1 Crop Production and Management
		Chapter 2 Micro-organisms

		Chapter 3 Synthetic Fibres and Plastics
		Chapter 7 Conservation of Plants and Animals
AUGUST		
1- 15 (08 days)	Chapter 4 Metals & Non Metals	4.1 To study electrical conductivity of metal and non-metals. Revision L-4
16-31 (13 days)	Chapter 8 Cell Structure and Function	8.1 To study the temporary slide of onion peel under a microscope Revision -Cell structure and function
		Educosoft online assessment
		LAB ACTIVITY TEST CLASS RECORD
SEPTEMBER		
1 - 15 (12 days)	REVISION FOR HALF YEARLY EXAMS	
16-26 (13 days)	HALF YEARLY EXAMS	SYLLABUS FOR HALF YEARLY (80 MARKS)
		Chapter 1 Crop Production and Management
		Chapter 2 Micro-organisms
		Chapter 3 Synthetic Fibres and Plastics
		Chapter 4 Metals & Non Metals
		Chapter 5 Coal & Petroleum
		Chapter 6 Combustion and Flame
		Chapter 7 Conservation of Plants and Animals
		Chapter 8 Cell Structure and Function
OCTOBER		
1- 15 (12 days)	Chapter 11 Force and pressure	11.1 To show that liquids exert equal pressure at same depth and pressure varies with depth. Revision - Force and pressure.
16 - 31 (08 days)	Chapter 12 Friction	12.1 To observe that friction depends on the smoothness of the surface. Revision - Friction.
		Educosoft online assessment

NOVEMBER		
1- 15 (09 days)	Chapter 13 Sound	13.1 To show that sound can travel through solids Revision - Sound.
16 - 30 (11 days)	Chapter 14 Chemical effects of electric current .	14.1 To demonstrate the process of electroplating. Revision - Chemical effects of electric current. Educosoft online assessment
	UNIT TEST-2	SYLLABUS OF UNIT TEST-2 (40 marks)
		Chapter 11 Force and pressure
		Chapter 12 Friction
		Chapter 13 Sound
		Chapter 14 Chemical effects of electric current
DECEMBER		
1- 15 (12days)	Chapter 18 pollution of air and water	To study the different kinds of pollutants
	Chapter 15 Some Natural phenomena	15.1 To show with the help of exp.that like charges repel each other and unlike Charges attract each other. Revision - Some Natural phenomena.
16-31 (13 days)	Chapter 16 Light	To verify the laws of reflection of light using a plane mirror.. Revision -Light Educosoft online assessment
JANUARY		
1- 15 (03 days)	WINTER VACATIONS	
16-31 (12 days)	Chapter 17 Stars & the solar system.	17.1 To prepare fact sheets about the planets REVISION -Stars and the solar system. Educosoft online assessment
FEBRUARY		
1- 15 (12 days)	REVISION OF ANNUAL EXAM	
		LAB ACTIVITY TEST
		CLASS RECORD
16- 28 (11 days)	ANNUAL EXAM	SYLLABUS FOR ANNUAL EXAM (80 MARKS)
		Chapter 11 Force and pressure
		Chapter 12 Friction
		Chapter 13 Sound

