

ACADEMIC PLANNER (2017-2018)

Class - VIII

SUBJECT - SCIENCE

MONTH/DAYS	CONTENTS	ACTIVITY/EXPERIMENT.
APRIL		
1- 15 (8 days)	Chapter 1 Crop Production & Management	1.1 To separate healthy seeds from damaged seeds Revision L-1
16 - 30 (12 days)	Chapter 2 Micro-organism	2.1 To study fermentation of sugar solution by yeast. Revision L-2
	Chapter 3 Synthetic Fibres & Plastics	COLLAGE MAKING
MAY		
1 - 15 (9 days)	Chapter 4 Metals & Non Metals	4.1 To study electrical conductivity of metal and non-metals. Revision L-4
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 (13 days)		
	Chapter 6 Combustion and Flame	6.1 To study air is necessary for combustion Revision - combustion and flame
	UNIT TEST- I 24th July to 4th August	Syllabus for UT-1: Chapters1,2,3,4 (40 marks) 24 July science UT
AUGUST		
1- 15 (10 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
16-31 (14 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
	REVISION FOR HALF YEARLY EXAMS	LAB ACTIVITY TEST CLASS RECORD

SEPTEMBER		
1 - 15 (11 days)	HALF YEARLY EXAMS 4th Sep to 15th sept	SYLLABUS FOR HALF YEARLY (80 MARKS)
		Chapter 1 Crop Production and Management
	4TH SEPTEMBER 2017 SCIENCE EXAM	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
16-26 (10 days)	Chapter 18 pollution of air and water	POSTER MAKING
OCTOBER		
1- 15 (09 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 (11 days)	Chapter 12 Friction	12.1 To observe that friction depends on the smoothness of the surface.
		Revision - Friction.
NOVEMBER		
1- 15 (11 days)	Chapter 13 Sound	13.1 To show that sound can travel through solids
		Revision - Sound.
16 - 30 (13 days)	Chapter 14 Chemical effects of electric current .	14.1 To demonstrate the process of electroplating.
		Revision - Chemical effects of electric current.
DECEMBER		
1- 15 (11 days)	UNIT TEST- 2 : 1st to 13th December	Syllabus for UT-2 : Chapters 11,12,13,18 (40 marks)
		1 DECEMBER 2017 SCIENCE UT
	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 (12 days)	Chapter 16 Light	To verify the laws of reflection of light using a plane mirror..
		Revision -Light
JANUARY		
1- 15	WINTER VACATIONS	
16-31 (13 days)		
	Chapter 17 Stars & the solar system.	17.1 To prepare fact sheets about the planets
		REVISION -Stars and the solar system.
FEBRUARY		
1- 15 (11 days)	REVISION OF ANNUAL EXAM	
		LAB ACTIVITY TEST
		CLASS RECORD
16- 28 (11 days)		SYLLABUS FOR ANNUAL EXAM (80 MARKS)
		Chapter 11 Force and pressure
		Chapter 12 Friction
		Chapter 13 Sound
		Chapter 14 Chemical effects of electric current
		Chapter 15 Some Natural phenomena
		Chapter 16 Light
		Chapter 17 Stars & the solar system
		Chapter-18 Pollution of air and water
		Chapter 2 Microorganisms (TERM-1)
		Chapter 4 Metal-Non metal (TERM-1)
MARCH		Chapter 8 Cell structure and function(TERM-1)
1- 31 (25 days)	ANNUAL EXAM	

EXAM	SYLLABUS
UT-1	1,2,3,4
HALF YEARLY EXAM	1,2,3,4,5,6,7,8
UT-2	11,12,13,18
ANNUAL EXAM	11,12,13,14,15,16,17,18,(TERM-1 CH: 2,4,8)