

Academic Planner 2020-21		
Class-VII		
SUBJECT - SCIENCE		
MONTHS & DAYS	CONTENTS	ACTIVITY / ASSESSMENT
APRIL		
1- 15 (08 days)	Chapter 1 Nutrition in plants	1.1 To show that plants prepare food during day time Revision of Nutrition in plants.
16 - 30 (13 days)	Chapter 2 Nutrition in animals and human	2.2 To study the effect of saliva on starch. Revision of Nutrition in animals.
	Chapter 3 Fibre to fabric	Collage making Educosoft online assessment
MAY		
1 - 15 (12 days)	Chapter 4 Heat	4.1 To record the temperature of water using laboratory thermometer. Revision of Heat. Educosoft online assessment
JUNE		
	SUMMER VACATION	
JULY		
1- 15 (12 days)	Chapter 5 Acid,Base And Salts	5.2 To classify the given solutions as acidic and basic using litmus solution Revision of Acid, bases and salts .
16 - 31 (14 days)	Chapter 6 Physical and Chemical changes	6.1 To study the chemical reaction between iron nail and copper sulphate solution. Revision of physical and chemical change.
	Chapter 16 Water	Poster making Educosoft online assessment
	UNIT TEST 1	SYLLABUS OF UNIT TEST-1 (40 marks) Chapter 1 - Nutrition in plants Chapter 2 - Nutrition in animals and human Chapter 3 - Fibre to fabric Chapter 4 - Heat
AUGUST		
1- 15 (08 days)	Chapter7 Weather,Climate and Adaptations	7.1 To compare the duration of the day during summer and winter season Revision of weather,climate and adaptations.
16-31 (13 days)	Chapter 8 Wind,Storm and Cyclones	8.3 To show air expands on heating and contracts on cooling Revision of Wind,storm & cyclones Educosoft online assessment
	REVISION FOR HALF YEARLY EXAMS	LAB ACTIVITY TEST

		CLASS RECORD ASSESSMENT
SEPTEMBER	Exam Month	
1- 15 (12 days)	Chapter 18 Wastewater Story	Group Discussion
		Revision for Half Yearly Exam
		Educsoft online assessment
16 - 30 (13 days)	HALF YEARLY EXAMS	SYLLABUS OF HALF YEARLY (80 marks)
		Chapter 1 - Nutrition in plants
		Chapter 2 - Nutrition in animals and human
		Chapter 3 - Fibre to fabric
		Chapter 4 - Heat
		Chapter 5 - Acid,Base And Salts
		Chapter 6 - Physical and Chemical changes
		Chapter7 - Weather,Climate and Adaptions
		Chapter 8 - Wind,Storm and Cyclones
OCTOBER		
1- 15 (08 days)	Chapter 9 Soil	9.1 To determine the percenatge of water absorbed by different soils. Revision of soil.
16 - 31 (08 days)	Chapter 10 Respiration in Organisms	10.2 To Show that exhaled air contains Carbon dioxide. Revision of respiration in organisms.
		Educsoft Online Assessment
NOVEMBER		
1- 15 (09 days)	Chapter 11 Transportation in Animals and plants	11.1 To measure pulse rate under different conditions Revision of Transportation in animals.
16 - 30 (11 days)	Chapter 12 Reproduction in Plants	12.1 To grow a new plant through vegetative propagation Revision of Reproduction in plants.
		Educsoft Online Assessment
	UNIT TEST 2	SYLLABUS OF UNIT TEST-2 (40 marks)
		Chapter 9 - Soil
		Chapter 10 - Respiration in Organisms
		Chapter 11 Transportation in Animals and plants
		Chapter 12 Reproduction in Plants
DECEMBER		
1- 15 (12 days)	Chapter 17 Forest our Lifeline	17.1 To show that decaying matter is always warm. Revision of forest our lifeline.

16-31 (13 days)	Chapter 13 Motion and time	13.1 To find the time period of a simple pendulum
		Revision of motion and time.
	Chapter 14 Electric current and its Effects	14.1 To show the heating effect of current
		Revision of electric current and its effects
		Educosoft Online Assessment
JANUARY		
1- 15 (0 day)		Winter Break
16-31 (12 days)	Chapter 15 Light	15.1 To show that sunlight is a combination of seven colors
		Revision of light.
		Educosoft Online Assessment
FEBRUARY		
1- 15 (12 days)		Educosoft Online Assessment
	REVISION OF ANNUAL EXAM	LAB ACTIVITY TEST
		CLASS RECORD ASSESSMENT
16 - 28(11 days)	ANNUAL EXAM	SYLLABUS OF ANNUAL EXAMS (80 marks)
		Chapter 5 Acid Base and Salt (From Term 1)
		Chapter 6 Physical and Chemical changes (From Term 1)
		Chapter 9 Soil
		Chapter 10 Respiration in Organisms
		Chapter 11 Transportation in Animals and plants
		Chapter 12 Reproduction in Plants
		Chapter 13 Motion and time
		Chapter 14 Electric current and its Effects
		Chapter 15 Light
		Chapter 17 Forest our Lifeline
MARCH		
1- 31 (24 DAYS)	ANNUAL EXAM	
Syllabus at a glance		
Unit test 1	Ch -1,2,3,4	
Half yearly	Ch- 1, 2, 3, 4, 5, 6, 7, 8	
Unit test 2	Ch - 9,10,11,12	
Annual Exam	Ch-9,10,11,12,13,14,15,17,5,6	

