

Academic Planner 2020-21				
Class-VII				
SUBJECT - SCIENCE				
MONTHS & DAYS	CONTENTS	SDG/ VALUE/ SKILL	ACTIVITY / ASSESSMENT	INTERDISCIPLINARY ASPECT
<b>APRIL</b>				
1- 15 (10 days)	Chapter 1 Nutrition in plants	Observing and interpreting	1.1 To show that plants prepare food during day time Me and mine worksheets	Environment, English
16 - 30 (13 days)	Chapter 2 Nutrition in animals and human	Experimenting, observing and interpreting	2.2 To study the effect of saliva on starch. Me and mine worksheets	Environment
	C.T 1 ( 2 May- 10 May)			
<b>MAY</b>				
1 - 15 (10 days)	Chapter 3 Fibre to fabric	Interpreting	H.H.W Me and mine Workbook Educsoft online assessment	Environment, English
<b>JUNE</b>				
<b>SUMMER VACATION</b>				
<b>JULY</b>				
1- 15 (12 days)	Chapter 4 Heat	Observing and calculating	4.1 To record the temperature of water using laboratory thermometer. <b>Educsoft online assessment</b>	Maths
16 - 31 (13 days)	Chapter 5 Acid,Base And Salts	Observing, experimenting and inferring	5.2 To classify the given solutions as acidic and basic us <b>Me and mine worksheets</b> <b>Educsoft online assessment</b>	Environment, Maths
	C.T 2 25 July- 2 August			
<b>AUGUST</b>				
1- 15 ( 09 days)	Chapter 6 Physical and Chemical changes	Problem solving, analysing, classifying	6.1 To study the chemical reaction between iron nail and copper sulphate solution. Me and mine worksheets	Environment, Maths
16-31 (13 days)	Chapter7 Weather,Climate and Adaptations		7.1 To compare the duration of the day during summer and winter season Me and mine worksheets <b>Educsoft online assessment</b>	Maths, environment
			<b>CLASS RECORD ASSESSMENT</b>	
<b>SEPTEMBER</b>				
<b>Exam Month</b>				
1- 15 (12 days)	Revision			
16 - 30 (13 days)	<b>HALF YEARLY EXAMS</b> <b>12-28 Sept 2022</b>		<b>SYLLABUS OF HALF YEARLY (80 marks)</b> Chapter 1 - Nutrition in plants Chapter 2 - Nutrition in animals and human Chapter 4 - Heat Chapter 5 - Acid,Base And Salts Chapter 6 - Physical and Chemical changes Chapter7 - Weather,Climate and Adaptions	
<b>OCTOBER</b>				
1- 15 (08 days)	Chapter 9 Soil	Analysing, interpreting, observing	9.1 To determine the percenatge of water absorbed by different soils. Me and mine worksheets	Maths, Social Science
16 - 31 (10 days)	Chapter 10 Respiration in Organisms	Analysing, interpreting, observing	10.2 To Show that exhaled air contains Carbon dioxide.	Maths, Environment

			Me and mine worksheets	
			<b>Educosoft Online Assessment</b>	
<b>NOVEMBER</b>				
1- 15 (11 days)	Chapter 11 Transportation in Animals and plants	Experimenting, interpreting, observing	11.1 To measure pulse rate under different conditions	Maths, Environment
			Me and mine worksheets	
16 - 30 (13 days)	Chapter 12 Reproduction in Plants	Observation, analyzing	12.1 To grow a new plant through vegetative propagation	Environment
			Me and mine worksheets	
			<b>Educosoft Online Assessment</b>	
	<b>C.T 3 1 Nov- 9 Nov</b>			
<b>DECEMBER</b>				
1- 15 (12 days)	Chapter 13 Motion and time	Experimenting, observing, calculating, analysing	13.1 To find the time period of a simple pendulum	Maths
			Me and Mine worksheets	
16-31 (14 days)	Chapter 14 Electric current and its Effects	Critical thinking, enquiring, problem solving	14.1 To show the heating effect of current	Environment, Maths
			Me and mine worksheets	
			<b>Educosoft Online Assessment</b>	
<b>JANUARY</b>				
1- 15 (03 days)			Winter Break	
16-31 (12 days)	Chapter 15 Light	Experimenting, observing, analysing	15.1 To show that sunlight is a combination of seven colors	Environment, Maths
			Me and mine workbook	
			<b>Educosoft Online Assessment</b>	
<b>FEBRUARY</b>				
1- 15 (12 days)			<b>Educosoft Online Assessment</b>	
	<b>REVISION OF ANNUAL EXAM</b>			
			<b>CLASS RECORD ASSESSMENT</b>	
16 - 28( 10 days)	<b>ANNUAL EXAM</b>			
<b>MARCH</b>				
1- 31 ( 25 DAYS)	<b>ANNUAL EXAM</b>			