

**ACADEMIC PLANNER (2017-2018)**

Class-VII

**SUBJECT - SCIENCE**

<b>MONTHS &amp; DAYS</b>	<b>CONTENTS</b>	<b>ACTIVITY / ASSESSMENT</b>
<b>APRIL</b>		
1- 15 (8 days)	Chapter 1 Nutrition in plants	1.1 To show that plants prepare food during day time Revision of Nutrition in plants.
16 - 30 (12 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	<b>Collage making</b>
<b>MAY</b>		
1 - 15 (9 days)	Chapter 4 Heat	4.1 To record the temperature of water using laboratory thermometer. Revision of Heat.
<b>JULY</b>		
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 (13 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	<b>Poster making</b>
	<b>UNIT TEST- I 24th July to 4th August</b>	<b>Syllabus for UT-1: Chapters1,2,4,5. (40 marks)</b>
<b>AUGUST</b>		
1- 15 ( 10 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 (14 days)	Chapter 8 Wind,Storm and Cyclones	8.3 To show air expands on heating and contracts on cooling Revision of Wind,storm & cyclones
	<b>REVISION FOR HALF YEARLY EXAMS</b>	<b>LAB ACTIVITY TEST</b>

		<b>CLASS RECORD ASSESSMENT</b>
<b>SEPTEMBER</b>	<b>Exam Month</b>	
<b>1- 13 (11 days)</b>	<b>HALF YEARLY EXAMS 4th Sep to 15th sept</b>	<b>SYLLABUS OF HALF YEARLY (80 marks)</b>
		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
		Chapter 16 - Water
<b>15 - 26 (10 days)</b>	<b>Chapter 18 Wastewater Story</b>	<b>Group Discussion</b>
<b>OCTOBER</b>		
<b>1- 15 (09 days)</b>	<b>Chapter 9 Soil</b>	9.1 To determine the percenatge of water absorbed by different soils. Revision of soil.
<b>16 - 31 (11 days)</b>	<b>Chapter 10 Respiration in Organisms</b>	10.2 To Show that exhaled air contains Carbon dioxide. Revision of respiration in organisms.
<b>NOVEMBER</b>		
<b>1- 15 (11 days)</b>	<b>Chapter 11 Transportation in Animals and plants</b>	11.1 To measure pulse rate under different conditions Revision of Transportation in animals.
<b>16 - 30 (13 days)</b>	<b>Chapter 12 Reproduction in Plants</b>	12.1 To grow a new plant through vegetative propagation Revision of Reproduction in plants.

<b>DECEMBER</b>		
<b>1- 15 (11 days)</b>	<b>UNIT TEST- 2 ; 1st to 13th December</b>	<b>Syllabus for UT-2 : Chapters 9,10,11,12 (40 marks)</b>
	<b>Chapter 17 Forest our Lifeline</b>	17.1 To show that decaying matter is always warm. Revision of forest our lifeline.
<b>16-31 (12 days)</b>	<b>Chapter 13 Motion and time</b>	13.1 To find the time period of a simple pendulum Revision of motion and time.
	<b>Chapter 14 Electric current and its Effects</b>	14.1 To show the heating effect of current Revision of electric current and its effects
<b>JANUARY</b>		
<b>1- 15 (1 day)</b>		Winter Break
<b>16-31 (13 days)</b>	<b>Chapter 15 Light</b>	15.1 To show that sunlight is a combination of seven colors Revision of light.
<b>FEBRUARY</b>		
<b>1- 15 (11 days)</b>	<b>REVISION OF ANNUAL EXAM</b>	<b>LAB ACTIVITY TEST</b> <b>CLASS RECORD ASSESSMENT</b>
<b>16 - 28( 11 days)</b>	Revision of the entire syllabus.	<b>SYLLABUS OF ANNUAL EXAMS (80 marks)</b> Chapter 3 Fibre to Fabric ( 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
		Chapter 18 Wastewater Story
<b>MARCH</b>		
<b>1- 31 ( 25 DAYS)</b>	<b>ANNUAL EXAM</b>	
<b>Syllabus at a glance</b>		
Unit test 1	Ch- 1, 2, , 4, 5	
Half yearly	Ch- 1, 2, 3, 4, 5, 6, 7, 8,16	
Unit test 2	Ch- 9, 10, 11,12	
Annual exam	Ch -3,6, 9, 10, 11, 12, 13, 14,15, 17,18	







