

Subject: Science (7th) 2025-26

MONTH	W.D	P.D	CHAPTER	ACTIVITIES
APRIL	22	11	1. Nutrition in living organism- Plants.	<ul style="list-style-type: none"> • To study the function of stomata using Vaseline. • To grow bread moulds on a moist piece of bread. • Visit to kitchen and make a list of leaves which we use in our kitchen. • Model showing Buccal cavity and teeth. • Model of human digestive system. • Nutritional chart.
		11	2. Nutrition in living organism- Animals & Man.	
MAY	24	9	4. Acids, Bases & Salts	<ul style="list-style-type: none"> • Test of acids and bases using Litmus paper. • Use of turmeric as indicator for acidic or basic medium. • Science models. • To show that we can get other forms of energy from heat. • Demonstration of convection in liquids. • To show black object absorb heat better than white object. • To collect different types of fabrics
		9	5. Heat	
		6	14. Fabric from fibre	
<p>U.T- 1 Syllabus Chapter 1. Nutrition in living organism- Plants. Chapter2. Nutrition in living organism-Animals & Man.</p>				
JULY	24	10	6. Motion & Time	<ul style="list-style-type: none"> • Making simple pendulum and measure time period of a simple pendulum. • Distance time graph using Matchsticks • Ppt on elements and their valencies • Role play of elements . • To show that exhaled air contains carbon di oxide.
		10	3. Chemical substances & Processes 7. Respiration in living organisms	

UT-2 Syllabus				
JULY	Chapter 14 Fabric from fibre Chapter 4 Acids, Bases & Salts			
AUGUST	22	08 05	8 Transportation in Plants. 16. Water Revision	<ul style="list-style-type: none"> • To show how the water is absorbed by the roots is transported in a plant. • To grow yeast in beaker. • Survey to find out the problems faced by people living in water scarce regions. • Poster making competition on water conservation and water shortage.
SEPT.		REVISION & IST SEMESTER EXAMINATION Term -1 Syllabus Chapter 1,2,3,4,5,6,7,8,14,16		
OCT	19	06 06 07	9. Reproduction in plants 10. Soil 11 Electric Charges at rest	<ul style="list-style-type: none"> • To prepare a terrarium. Separating parts of hibiscus flower and pasting on the scrap file. Reproduction of new potato from eye potato. • To study different layers of soil (soil profile) • Record observations of growing of plants in three different pots with different soils. • To demonstrate Like charges repel each other and unlike charges attract charges. • To demonstrate uncharged objects get attracted towards charged objects.
U.T-3 9. Reproduction in plants 10. Soil				

NOV.	22	12 10	12 Light (Reflection) 13. Weather, climate and adaptations of animals to climate	<ul style="list-style-type: none"> • To Prepare a Kaleidoscope. • To demonstrate the characteristics of an image formed by a plane mirror, convex mirror. • To make a weather scrap book. • To draw all the zones on political map of India.
UT-04 Syllabus				
12 Light (Reflection)				
DEC.	24	10 10	15. Forests 17. Electric current and its effects	<ul style="list-style-type: none"> • Mark different areas on map to show forests area on earth. • To make an electric circuit. • To study the working of an electric bell.
JAN.	13		Revision	
Final exam: Syllabus Chapter - 1,2,4,7,8,9,10,12,14,15,16,17				

Blue Print

Unit Exam	Marks
Very Short Answer Type Questions	3*1=3
Short Questions	2*2=4
Short Questions	1*3=3
Total Marks	10

Sr No.	Typology	No. of Questions	Marks allotted to each question	Total Marks
1.	MCQ	16	1	16
2.	A/R	4	1	4
3.	SAI	6	2	12
4.	SAll	7	3	21
5.	Long Answer	3	5	15
6.	Case Based	3	4	12
Total		39		80