

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	
U.T- 1 Syllabus Chapter 1. Nutrition in living organism- Plants. Chapter2. Nutrition in living organism-Animals & Man.				
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	

JULY	UT-2 Syllabus			
	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	
<p align="center">Final exam: Syllabus Chapter - 1,2,4,7,8,9,10,12,14,15,16,17</p>				

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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.	SAII	7	3	21
5.	Long Answer	3	5	15
6.	Case Based	3	4	12
Total		39		80