|  |
| --- |
| **Subject: Science (7th) 2025-26** |
| **MONTH** | **W.D** | **P.D** | **CHAPTER** | **ACTIVITIES** |
| APRIL | 22 |  1111 | 1. **Nutrition in living organism- Plants.** 2. **Nutrition in living organism-Animals & Man.** | * 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.
 |
| MAY |  24 | 99 6 | 4. Acids, Bases & Salts5. **Heat** 14. Fabric from fibre | * 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
 |
| **U.T- 1 Syllabus****Chapter 1. Nutrition in living organism- Plants.** **Chapter2. Nutrition in living organism-Animals & Man.** |
| JULY | 24 | 10 10 | 6. **Motion & Time**  3. **Chemical substances & Processes**  7. Respiration in living organisms  | * 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.
 |
| **JULY** | **UT-2 Syllabus****Chapter 14 Fabric from fibre****Chapter 4 Acids, Bases & Salts** |
| AUGUST | 22 |  0805 | 8 Transportation in Plants.16.**Water**Revision  | * 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 | 060607 | 9. Reproduction in plants 10. **Soil**11 Electric Charges at rest | * To prepare a terrarium.

Seperating 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 | 1210 | 12 **Light (Reflection)**13. **Weather, climate and adaptations of animals to climate**  | * 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 | * 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. | SAII | 7 | 3 | 21 |
| 5. | Long Answer | 3 | 5 | 15 |
| 6. | Case Based | 3 | 4 | 12 |
| Total |  | 39 |  | 80 |