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| **Subject: Science (7th) 2025-26** | | | | | |
| **MONTH** | | **W.D** | **P.D** | **CHAPTER** | **ACTIVITIES** |
| APRIL | | 22 | 11  11 | 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 | 9  9  6 | 4. Acids, Bases & Salts  5. **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 | 08  05 | 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 | 06  06  07 | 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 | 12  10 | 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**

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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 |

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| 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 |