**SCIENCE (6th)**

|  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- |
| **MONTH** | **W.D.** | **CHAPTER/****TOPIC** | **NO. OF PERIOD** | **ACTIVITY/****Co-curricular Activities** | **ASSIGNMENT** |
| **April** | 22 | **1. Our Environment****2. Food** | 157 | * Visit to a school campus to recognize biotic and abiotic components of environment
* Paper Bags Making
* Test for proteins ,fats and carbohydrates

Table Mat Making | WorksheetWorksheet |
| **May** | 24 | **2.Food****3. Nature of Matter****5. Changes around us** | 512 7 | * An activity to show diffusion in three states of matter
* To prepare a saturated solution of salt and sugar

Activities to demonstrate various types of changes. | * Make a chart showing arrangement of particles in three states of matter using bindis or thermocole balls
* Worksheet
 |
| **UT-1 CH-1, CH-2(PAGE 17 TO 21)** |
| **JUNE** SUMMER VACATIONS |
| **July** | 24 | **4. Separation of Substance****10 Work and Energy****CH-14 Fabric from fibre** | 1554 | * To demonstrate the process of Hand picking, Decantation, Filtration, Magnetic separation, Winn- owing and Sublimation.
* Daily life example of work done and different type of energy
* Visit to DCM Mill
* Collection of different fabrics

Classify the clothes in your wardrobe into different types as synthetic or natural fibers | Worksheet on separation of different types of mixtures |
| **UT-2 CH-5&10** |
| **Aug** | 22 | **8.Structure and Functions of living organisms- Plants** **REVISION** | 1012 | * Different types of roots
* Prop roots of banyan tree
* Activity to show that water is transported by the root, through the

stem ,to all parts of plant. | Worksheet |
| **Sept.** |  **1st SEMESTER EXAMS Chapters 1,2,3,4,5,8,10** |
| **Oct.** | 19 | **7. The World Of Living** **6. Measurement and Motion** | 109 | * Role Play on Herbs, shrubs, Trees
* An activity to measure the width of a classroom desk, study table using hand span and thread.

To show different types of motion by using globe, Steel Scale |  SurveyWorksheet |
| **Nov.** | 22 | **11.Electric currents and Circuits** **12. Light and Shadow** | 157 | * Making of electric circuit using electric switch.
* By breaking a used up dry cell to observe various parts of it.
* To check different objects by using above circuit to classify them into conductors and insulators.
* An activity to demonstrate that activity that light travels in a straight line.
* Size of shadow

Image and Lateral inversion  |  |
| NOV UT-3 CH-7 |
| **Dec.** | 24 | **13.Magnets****9. Structure and functions of living organisms- Animals** | 915 | * To perform an activity to show magnetism.

To perform an activity for observing pattern of iron fillings when two bar magnets facing like and unlike poles.To study different organ system with the help of Models.  | Worksheet on magnetic properties |
| **Jan. UT-4 CH-12&13** |
| **Feb.** |  **\*Revision for Final Exams\*** |
| **Mar.** |  **Final exams (Chapters 6,7,9,10,11,12,13,14)** |

**Marking Scheme for UT (10 marks)**

|  |  |
| --- | --- |
| **Fill in the blanks**  | **2\*½=1** |
| **True / False**  | **2\*½=1** |
| **MCQ** | **2\* 1/2=1** |
| **Short Ques** | **2\*2=4** |
| **Short Ques** | **1\*3=3** |

 **Marking Scheme for term exams (50 marks)**

|  |  |
| --- | --- |
| **Fill in the blanks**  | **½\*5=2.5** |
| **True / False**  | **½\* 5=2.5** |