**SUBJECT-SCIENCE (9th)**

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| **Month** | **WD** | | | **PD** | | | **Chapter** | **Lab activities** | | | | | **Assign.** | | |
| April | 22 | | | 08  07  07 | | | **Matter in our surroundings\***  **Motion\***  **The fundamental unit of life.** | \*To dissolve Potassium permanganate in water to show the characteristics of particles of matter.  \*To measure the reading of odometer and speedometer of a car in given interval of time.  \*Prepare temporary mount of leaf peels and onion peels.  \*Show osmosis with the help of raisins.  \*Experiment-4 | | | | | \*Work  sheets of matter in our surrounding  \*Work  sheets based on numerical of motion  \*Work  sheets of fundamental unit in life | | |
| UT 1 |  | | |  | | |  | CH - 1, 5 half ,7 | | | | |  | | |
| MAY | 24 | | | 07  08  09 | | | **Is Matter around us Pure**  **Contd.**  **Force and Newton's laws Contd**  **The fundamental unit of life**  **Contd.** | \*To separate sand from water by using filter paper.  Experiment-1,2,  \*To demonstrate Evaporation, | | | | | \*Work  sheets of Is matter around us pure  \*Work  sheets based on numerical of force and laws of motion.  Work  sheets of fundamental unit in life | | |
| JULY | 26 | | | 08  09  09 | | | **Force and Newton's laws**  **Contd.**  **Is Matter around us Pure**  **Contd.**  **Improvement in food resources** | | \*Pushing a wall by man and moves backward  \*Experiment-3,4  Visit to a nearby field to find the cropping pattern.  Visit to HAU MUSEUM  (Activity combined with social science class x chapter agriculture.) | | | | \*Work  sheets based on numerical of force and laws of motion. | | |
| UT 1 |  | | |  | | |  | | CH 2 half, 5 , 8 | | | |  | | |
| AUG. | 22 | | | 10  13 | | | **Gravitation**  **Revision** | | \*To measure the weight of body by using spring balance. | | | | \*Work sheets based on numerical of gravitation  \*Science Essay  Competition | | |
| SEPT. **TERM -1 EXAMINATION ch -1, 2,5,7,8 ,9 (half) ,12** | | | | | | | | | | | | | | | |
| OCT. | | 19 | 08  6  05 | | **Floatat-ion**  **Plant Tissue**  **Atoms and Molecule**  **(Half)** | | | Experiment-9,10  To show permanent slides of Parenchyma, Collenchymas and sclerenchyma  \*  Experiment-14 | | | | \*Work  sheets based on numerical of floatation  \*Work  sheets based on numerical | | | \*Video presentation  Role play of different tissue  Quiz based on question of plant tissue  \*To make a chart of different atoms having different atomic number |
| UT 2 (10 marks) | |  |  | | | **CH-3, 6 half ,9** | | | |  |  | | |  | |
| NOV. | | 22 | 09  08  05 | | | **Animal Tissue**  **Work, energy and power**  **Structure of atom**  **Contd.** | | | | Experiment-6  To show permanent slides of different types of muscular tissue. | worksheets  \*Worksheets based on numerical of work ,energy and power. | | | Role play of different tissue  \*To prepare chart of electronic configuration of first twenty elements | |
| DEC. | | 24 | 08  08  7 | | | **Sound**  **Structure of atom**  **Contd.**  **Health and diseases** | | | | \*Bell jar activity  \*Tin box and thread activity  Experiment-8,11  Portfolio | \*Work  sheets based on numerical of sound | | | \*Quiz based on question of structure of atom  \*To draw structure of first twenty elements  Project | |
| UT 2 | |  |  | | | **ch -4, 6, 10** | | | |  |  | | |  | |
| JAN FEB | |  |  | | | **REVISION OF FULL SYLLABUS** | | | |  |  | | |  | |
| **MARCH Final exam full syllabus** | | | | | | | | | | | | | | | |

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