**SUBJECT-SCIENCE (9th)**

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| **Month** | **WD** | **PD** | **Chapter** | **Lab activities**  | **Assign.** |
| April | 22 | 080707 | **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 | \*Worksheets of matter in our surrounding\*Worksheets based on numerical of motion\*Worksheets of fundamental unit in life |
| UT 1  |  |  |  | CH - 1, 5 half ,7 |  |
| MAY | 24 | 07 0809 | **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,  |  \*Worksheets of Is matter around us pure\*Worksheets based on numerical of force and laws of motion.Worksheets of fundamental unit in life |
| JULY | 26 | 0809 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-3,4Visit to a nearby field to find the cropping pattern. Visit to HAU MUSEUM (Activity combined with social science class x chapter agriculture.) | \*Worksheets based on numerical of force and laws of motion. |
| UT 1  |  |  |  | CH 2 half, 5 , 8 |  |
| AUG. | 22 | 1013 | **Gravitation****Revision** | \*To measure the weight of body by using spring balance. | \*Work sheets based on numerical of gravitation\*Science EssayCompetition |
| SEPT. **TERM -1 EXAMINATION ch -1, 2,5,7,8 ,9 (half) ,12** |
| OCT. | 19 | 08605 | **Floatat-ion****Plant Tissue****Atoms and Molecule****(Half)** | Experiment-9,10To show permanent slides of Parenchyma, Collenchymas and sclerenchyma\*Experiment-14 | \*Worksheets based on numerical of floatation\*Worksheets based on numerical  | \*Video presentationRole play of different tissueQuiz 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 | 090805 | **Animal Tissue****Work, energy and power****Structure of atom****Contd.** | Experiment-6To 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 | 08087 | **Sound****Structure of atom****Contd.****Health and diseases** | \*Bell jar activity\*Tin box and thread activityExperiment-8,11Portfolio | \*Worksheets based on numerical of sound | \*Quiz based on question of structure of atom\*To draw structure of first twenty elementsProject |
| UT 2  |  |  | **ch -4, 6, 10** |  |  |  |
| JAN FEB |  |  | **REVISION OF FULL SYLLABUS**  |  |  |  |
| **MARCH Final exam full syllabus**  |

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