|  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- |
| **WEEKLY PLAN** | | | | | |
| **APRIL 2018** | | | | | |
| **CLASS 9**  **SCIENCE** | **WEEK 1**  **April 4,5**  **1 period** | **WEEK2**  **April 8-11**  **3 Periods** | **WEEK3**  **April 15 -19**  **3 Periods** | **WEEK4**  **April 22-26**  **3 Periods** | **Week 5**  **April 29,30**  **1 period** |
| **PHYSICS** | Chapter1  Sound  Introduction  Production of sound. | Propagation of sound  Sound requires a medium for propagation | Longitudinal and transverse wave  Characteristics of wave. | Speed of sound.  Relation between frequency and time period.  Relation between frequency velocity and wavelength.  Numerical. Echo | Reverberation  Numerical practice |
| **CHEMISTRY** | Chapter:Matter in our surroundings  Introduction | Characteristics of particles of matter | States of matter-comparison | Interconversions of states of matter | Interconversions of states of matter |
| **BIOLOGY** | Chapter: The fundamental unit of life  Introduction  Cell | Cell membrane. Cell wall, Nucleus  Organelles   * E. R. Golgi complex | Lysosomes,  Mitochondria,plastids,vacuoles | Prokaryotic and eukaryotic comparison, Plant cell and Animal cell | Chapter: Tissues  Plant tissues-Meristems, |
| **Practical:** 1. Identification of onion peel and human cheek cell 2. Reflection of sound.    3. Velocity of pulse. 4. Boiling point and melting point | | | | | |

|  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- |
| **WEEKLY PLAN** | | | | | |
| **MAY 2018** | | | | | |
| **CLASS 9**  **SCIENCE** | WEEK1  May 1- 3  2 periods | WEEK2  May 6-10  3 Periods | WEEK3  May 13 – 17  3 periods | WEEK4  May 20 -24  3 periods | WEEK 5  May 27 -31 |
| **PHYSICS** | Audible, ultrasonic and infrasonic sounds | Sonar  Structure of human ear  Worksheet discussion | **Chapter 2**  **Motion**  Introduction | Distance and displacement  Uniform and Non uniform motion  Speed and average speed. | Numerical.  Velocity |
| **CHEMISTRY** | Sublimation  Evaporation | Factors affecting evaporation | Textual questions and worksheet discussion | Chapter:  Is matter around us pure?  Introduction | Pure substances-Elements,  Compounds  & Mixtures |
| **BIOLOGY** | Chapter: Tissues  Plant tissues-  Meristems .  Permanent tissues-Simple permanent:  Parenchyma, | Collenchyma,Sclerenchyma,epidermis | Complex permanent tissue | Animal tissues-  -Epithelial tissue  -Muscular tissue | -Nervous tissue |
|  | | | **PREMID TERM** | | |
| **PRACTICALS:**  5.Plant tissues slide identification 6. Animal tissues slide identification | | | | | |
| **SUMMER BREAK (From 03.06.18 to 31.07.18)** | | | | | |