**Indian School Al Wadi AlKabir - Syllabus break up for 2017-18**

**PHYSICS**

**WEEKLY PLAN – MONTH : APRIL – CLASS 9**

|  |  |  |  |  |
| --- | --- | --- | --- | --- |
| I WEEK | II WEEK | III WEEK | IV WEEK | V WEEK |
| 5-6  (1) | **9-13**  (3) | **17-20**  **(3)** | **23-27**  **(3)** | **30**  **(1)** |
| . Chapter: MOTION  Introduction | Distance and displacement  Uniform and Non uniform motion  Speed and average speed. | Numerical.  Velocity and acceleration | Graphical  representations  Distance-Time graph  Velocity- Time graph  24.03 holiday | **Equations of Motion byGraphical Method** |

**WEEKLY PLAN – MONTH : MAY– CLASS 9**

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| I WEEK | II WEEK | III WEEK | IV WEEK | V WEEK |
| **1-4**  (3) | **7-11**  **(3)** | **14-18**  **(3)** | **21-25**  **(3)** | **28** |
| Numericals | Uniform circular motion.  Textual question and worksheet. | CHAPTER-2-**FORCE AND LAWS OF MOTION.**  Introduction  Balanced and unbalanced forces. | Newton’s 1st law of motion | Summer holidays for students begin |

CHEMISTRY

**WEEKLY PLAN – MONTH : APRIL – CLASS 9**

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| --- | --- | --- | --- | --- |
| I WEEK | II WEEK | III WEEK | IV WEEK | V WEEK |
| **5-6**  **(1)** | **9 – 13**  **(3)** | **16-20**  **(3)** | **23-27**  **(3)** | **30**  **(1)** |
| 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 |
| . |  |  | **Practicals:Boiling point and melting point** |  |

**WEEKLY PLAN – MONTH : MAY– CLASS 9**

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| --- | --- | --- | --- | --- |
| I WEEK | II WEEK | III WEEK | IV WEEK | V WEEK |
| **1-4**  **(3)** | **7-11**  **(3)** | **14-18**  **(3)** | **21-25**  **(3)** | **28** |
| Sublimation  Evaporation | Factors affecting evaporation | Textual questions and worksheet discussion | Chapter:Is matter around us pure?  Introduction | Pure substances-Elements,Compounds&Mixtures |
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BIOLOGY

**WEEKLY PLAN – MONTH : APRIL – CLASS 9**

|  |  |  |  |  |
| --- | --- | --- | --- | --- |
| I WEEK | II WEEK | III WEEK | IV WEEK | V WEEK |
| **5 - 6**  **(1)** | **9 -13**  **(3)** | **16-20**  **(2-3)** | **23-27**  **(3)** | **30**  **(0-1)** |
| Chapter: The fundamental unit of life  Introduction  Cell | Cell membrane. Cell wall, Nucleus  Organelles   * E. R. Golgi complex | Lysosomes,  Mitochondrion,plastids,vacuoles | Prokaryotic and eukaryotic comparison, Plant cell and Animal cell  Practical: Osmosis | Chapter: Tissues  Plant tissues-Meristems, |

**WEEKLY PLAN – MONTH : MAY – CLASS 9**

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| --- | --- | --- | --- | --- |
| I WEEK | II WEEK | III WEEK | IV WEEK | V WEEK |
| **1 - 4**  **(2-3)** | **7- 11**  **(3)** | **14 - 18**  **(3)** | **21 - 25**  **(2+1)** | **29-31**  **(2)** |
| Chapter: Tissues  Plant tissues-Meristems continues…, Permanent tissues-Simple permanent:Parenchyma, | Collenchyma,Sclerenchyma,epidermis  PRACTICALS-Plant tissues slide identification | Complex permanent tissue  Pre mid term  (14/16/18) | Animal tissues-  -Epithelium  -Muscular tissue  Pre mid term  (21/22/23) | Summer Holidays begins  ( for students) |