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| **Indian School Al Wadi Al Kabir - Syllabus break up for 2015-16** | | | | |
| Class 9  physics | Week1 | Week2 | Week3 | Week4 week 5 |
| **APRIL** | . | Chapter:MOTION  Introduction | Distance and displacement  Uniform and Non uniform motion | Speed and average speedNumericals  Velocity and accelerationGraphical  representations |
| **MAY** | Distance-Time graph | Velocity-Time graph | Equations of motion | Uniform circular motionTextual question  and worksheet  discussion |
| **JUNE** | Chapter:Force and Laws of motion  Introduction  First law of motion | Second and third laws of motion | **-** | - - |

WEEKLY PLAN – MONTH ……April………………………… CLASS :……………IX……………………………

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| --- | --- | --- | --- | --- | --- |
| CHEMISTRY | I WEEK | II WEEK | III WEEK | IV WEEK | V WEEK |
| **DATE/ INSTRUCTION PERIODS** |  | **6 – 9**  **(2)** | **12-16**  **(3)** | **19-23**  **(3)** | **26-30**  **(2+1)** |
|  | . | Chapter:Matter in our surroundings  Introduction | Characteristics of particles of matter | States of matter-comparison | Interconversions of states of matter |
|  |  |  |  |  | **Practicals:Boiling point and melting point** |

WEEKLY PLAN – MONTH …………May…………………… ………… CLASS :………IX…………………………………

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| --- | --- | --- | --- | --- | --- |
| CHEMISTRY | I WEEK | II WEEK | III WEEK | IV WEEK | V WEEK |
| **DATE/ INSTRUCTION PERIODS** |  | **3 – 7**  **(3)** | **10-14**  **(3)** | **17-21**  **(3)** | **24-28**  **(2+1)** |
|  |  | Sublimation Evaporation  Factors affecting evaporation | Textual questions and worksheet discussion | Chapter:Is matter around us pure?  Introduction | Pure substances-Elements,Compounds&Mixtures  Practicals:Difference between compounds and mixtures |

WEEKLY PLAN – MONTH …………June………………… ………… CLASS :………IX…………………………………

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| --- | --- | --- | --- | --- | --- |
| CHEMISTRY | I WEEK | II WEEK | III WEEK | IV WEEK | V WEEK |
| **DATE/ INSTRUCTION PERIODS** | **1-4**  **(2)** | **7-11**  **(2+1)** |  |  |  |
|  | Types of mixtures-Solution | Colloids and suspension  Practicals:Comparison solution,suspension&Colloids |  |  |  |

WEEKLY PLAN – MONTH ……April………………………… CLASS :……………IX……………………………

|  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- |
| BIOLOGY | I WEEK | II WEEK | III WEEK | IV WEEK | V WEEK |
| **DATE/ INSTRUCTION PERIODS** |  | **6 -9**  **(2)** | **12-16**  **(3)** | **19-23**  **(2+1)** | **26-30**  **(3)** |
|  | . | Chapter:Improvement in food resources.  Introduction  Crop improvement management | Crop production management | Crop production management  Practicals:Food tests | Crop protection management |
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WEEKLY PLAN – MONTH …………May…………………… ………… CLASS :………IX…………………………………

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| --- | --- | --- | --- | --- | --- |
| BIOLOGY | I WEEK | II WEEK | III WEEK | IV WEEK | V WEEK |
| **DATE/ INSTRUCTION PERIODS** |  | **3-7**  **(3)** | **10-14**  **(3)** | **17-21**  **(2+1)** | **24-28**  **(3)** |
|  |  | Animal husbandry Cattle farming  Poultry farming | Fish farming  Bee keeping  Chapter:The fundamental unit of life  Introduction  Cell membrane | Cell wall,Nucleus  Practicals:Osmosis | Organelles  -E.R,Golgi complex,Lysosomes  Mitochondrion,plastids,vacuoles |

WEEKLY PLAN – MONTH …………June………………… ………… CLASS :………IX…………………………………

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| --- | --- | --- | --- | --- | --- |
| BIOLOGY | I WEEK | II WEEK | III WEEK | IV WEEK | V WEEK |
| **DATE/ INSTRUCTION PERIOD/SPLIT UP** | **1-4**  **(2)** | **7-11**  **(3)** |  |  |  |
|  | Prokaryotic and eukaryotic comparison  Chapter:Tissues  Plant tissues-Meristems | Permanent tissues-Simple permanent:Parenchyma,Collenchyma,Sclerenchyma,epidermis  Complex permanent tissue |  |  |  |