Indian School Al Wadi Al Kabir - Syllabus break up for APRIL 2016

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| **SCIENCE** | I WEEK | II WEEK | III WEEK | IV WEEK | V WEEK |
|  | **6-7**  (1) | **10 – 14**  **(3)** | **17- 21**  **(3)** | **24 -28**  **(3)** |  |
| CLASS 9  PHYSICS | . | Chapter: MOTION  Introduction | Distance and displacement  Uniform and Non uniform motion | Speed and average speed. Numerical.  Velocity and acceleration | Graphical  representations |
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|  | I WEEK | II WEEK | III WEEK | IV WEEK | V WEEK |
| **SCIENCE** |  | **6 – 7**  **(1)** | **10-14**  **(3)** | **17-21**  **(3)** | **24-28**  **(2+1)** |
| **CLASS 9**  **CHEMISTRY** |  |  |  |  |  |
|  | . | 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** |

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| **SCIENCE** | I WEEK | II WEEK | III WEEK | IV WEEK | V WEEK |
|  |  | **6 -7**  **(1)** | **10-14**  **(3)** | **17-21**  **(3)** | **24-28**  **(3)** |
| **CLASS 9**  **BIOLOGY** | . | 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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Indian School Al Wadi Al Kabir - Syllabus break up for MAY 2016

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| **SCIENCE** | I WEEK | II WEEK | III WEEK | IV WEEK | V WEEK |
|  | **1-5**  (3) | **8-12**  **(3)** | **15-19**  **(3)** | **22-26**  **(3)** | **29-31**  **(1)** |
| CLASS 9  PHYSICS | Distance-Time graph  Velocity- Time graph | Velocity- Time graph  Numerical on Distance – Time & Velocity- Time graph | Uniform circular motion. | Textual question  and worksheet.  discussion | Force and Laws of motion.  Introduction.  Balanced and unbalanced forces. |

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|  | I WEEK | II WEEK | III WEEK | IV WEEK | V WEEK |
| **SCIENCE** | **1-5** | **8 – 12**  **(3)** | **15-19**  **(3)** | **22-26**  **(3)** | **29-31**  **(2+1)** |
| **CLASS 9**  **CHEMISTRY** | 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 |

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| **SCIENCE** | I WEEK | II WEEK | III WEEK | IV WEEK | V WEEK |
|  | **1 -5**  **(3)** | **8-12**  **(3)** | **15-19**  **(3)** | **22-26**  **(2+1)** | **29-31**  **(2)** |
| **CLASS 9**  **BIOLOGY** | Animal husbandry Cattle farming  Poultry farming | Fish farming  Bee keeping | Chapter:The fundamental unit of life  Introduction  Cell membrane | Cell wall,Nucleus  Organelles  -E.R,Golgi complex  Practicals:Osmosis | Lysosomes  Mitochondrion,plastids,vacuoles |

Indian School Al Wadi Al Kabir - Syllabus break up for JUNE 2016

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| **SCIENCE** | I WEEK | II WEEK | III WEEK | IV WEEK | V WEEK |
|  | **1-2**  (1) | **5-6**  **(1)** |  |  |  |
| CLASS 9  PHYSICS | .  First law of motion. Inertia and mass. | Introduction to Newton’s second law of motion. | **SUMMER**  **BREAK** | **SUMMER BREAK** | **SUMMER**  **BREAK** |

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| **SCIENCE** | I WEEK | II WEEK | III WEEK | IV WEEK | V WEEK |
| **CLASS 9**  **CHEMISTRY** | **1-2**  **(1)** | **5-6**  **(1)** |  |  |  |
|  | Types of mixtures-Solution | Colloids and suspension  Practicals:Comparison solution,suspension&Colloids | **SUMMER**  **BREAK** | **SUMMER BREAK** | **SUMMER**  **BREAK** |

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| **SCIENCE** | I WEEK | II WEEK | III WEEK | IV WEEK | V WEEK |
|  | **1-2**  **(1)** | **5-7**  **(2)** |  |  |  |
| **CLASS 9**  **BIOLOGY** | Prokaryotic and eukaryotic comparison | Plant cell and Animal cell | **SUMMER**  **BREAK** | **SUMMER**  **BREAK** | **SUMMER BREAK** |