**INDIAN SCHOOL AL WADI AL KABIR**

**DEPARTMENT OF SCIENCE 2015-16**

**WEEKLY PLAN-CLASS 8-SCIENCE**

Indian School Al Wadi Al Kabir - Syllabus break up for August2015

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| **Class** | **Week 2** | **Week3** | **Week4** | **Week5** |  |
| CLASS VIII  SCIENCE | METALS AND NON METALS  Classification  Occurances  Non metals  Metals  Metalloids  (5-6 AUG) | CONTD…  Physical properties,  Chemical properties  Rusting  Prevention  Reaction of non metals with oxygen  Reaction of metals  (9-13) | Reaction with water  Reactivity series  Reaction of metals  (23-27) | SOUND..  Sound production  Characteristics of sound  Frequency,Amplitude  .  (30-31) |  |

Indian School Al Wadi Al Kabir - Syllabus break up for September 2015

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| **Class** | **Week1** | **Week2** | **Week3** | **Week4** | Week 5 |
| Class VIII  SCIENCE | SOUND..  How sound travels  Speed of sound  Reflection  Audible& inaudible sound  Noise  (1-3 SEPT) | REVISIONS  (6-10) | SA I | SA I | S A I |

Indian School Al Wadi Al Kabir - Syllabus break up for october 2015

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| **Class** | **Week1** | **Week2** | **Week3** | **Week4** | Week 5 |
| Class VIII  SCIENCE | THE UNIVERSE  Stars  Constellations  Solar system  (1,4-8)october | Planets  Heavenly bodies  Meteors  Meteorites  Satellites  (11-15)OCT | Crop production  Agriculture  Agriculture practices  Selection of seeds  (18-22)OCT | Addition of manure  Irrigation  Crop protection  Harvesting  Storage  Improvement in crop production  (25-29)oct |  |

Indian School Al Wadi Al Kabir - Syllabus break up for NOVEMBER 2015

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| **Class** | **Week1** | **Week2** | **Week3** | **Week4** | Week 5 |
| Class VIII  SCIENCE | COMBUSTION FUEL AND FLAME  Combustible and non combustible  Conditions for combustion  (1-5)nov | Types of combustion  Flame  Characteristics of  Fuel  (8-11)nov | Efficiency of fuel  Fire and fire extinguisher  (15-18)nov | Natural phenomenon  Thunder storm  Electric charges  (22-26)nov | Charging by friction  (29-30)nov |

Indian School Al Wadi Al Kabir - Syllabus break up for december 2015

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| **Class** | **Week1** | **Week2** | **Week3** | **Week4** | Week 5 |
| Class VIII  SCIENCE | NATURAL PHENOMENON…  CONTD  Detecting charges  Charges in atmosphere  (1-3)dec | Lightening  Lightening conductors  Precautions  (6-10)dec | Earth quake  Measuring earthquake  Precautions  (13-16)dec | WINTER BREAK | WINTER BREAK |

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

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| **Class** | **Week1** | **Week2** | **Week3** | **Week4** | Week 5 |
| Class VIII  SCIENCE |  | CHEMICAL EFFECTS OF ELECTRIC CURRENT  Conductors/Insulators  Electrical conductivity  (5-7)JAN | ELECTRICAL CONDUCTIVITY OF WATER  EFFECT OF IMPURITIES ON ELECTROLYSIS  ELECTROLYSIS  (10-14)JAN | Electrolysis of water  Electrolysis of copper sulphate  Electroplating  (17-21)jan | MORE ABOUT LIGHT  Reflection  Laws of reflection  Image in a plane mirror  Characteristics of image formed  (24-28,31) |

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

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| **Class** | **Week1** | **Week2** | **Week3** | **Week4** | Week 5 |
| Class VIII  SCIENCE | LIGHT continued…  Regular and diffused  Multiple reflection  Instruments  Refraction  (1-4)feb | Dispersion of light and spectrum  Human eye  Long and short sight  Care of eye  Visual impairment  Persistence of vision  (7-11)feb | CONSERVATION OF PLANTS AND ANIMALS  Biodiversity  Flora and fauna  Importance of biodiversity  Threat to biodiversity  Deforestation  (14-18)feb | Endemic species  Conservation of rich biodiversity  Wild life sanctuary  Red data book  (21-24)feb | REVISION |

Prepared by Ms LICY GEORGE AND Ms REXY NINAN

Indian School Al Wadi Al Kabir - Syllabus break up for MARCH 2015

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| **Class** | **Week1** | **Week2** | **Week3** | **Week4** | Week 5 |
| Class VIII  SCIENCE | REVISION | SUMMATIVE EXAM | SUMMATIVE EXAM |  |  |