**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 METALSClassificationOccurancesNon metalsMetalsMetalloids(5-6 AUG) | CONTD…Physical properties,Chemical propertiesRustingPreventionReaction of non metals with oxygenReaction of metals(9-13) | Reaction with waterReactivity seriesReaction of metals(23-27) | SOUND..Sound productionCharacteristics of soundFrequency,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 VIIISCIENCE | SOUND..How sound travelsSpeed of soundReflectionAudible& inaudible soundNoise(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 VIIISCIENCE | THE UNIVERSEStarsConstellationsSolar system(1,4-8)october | Planets Heavenly bodiesMeteors MeteoritesSatellites(11-15)OCT | Crop productionAgricultureAgriculture practicesSelection of seeds(18-22)OCT | Addition of manureIrrigationCrop protectionHarvestingStorageImprovement 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 VIIISCIENCE | COMBUSTION FUEL AND FLAMECombustible and non combustibleConditions for combustion(1-5)nov | Types of combustionFlameCharacteristics ofFuel(8-11)nov | Efficiency of fuelFire and fire extinguisher(15-18)nov | Natural phenomenonThunder stormElectric 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…CONTDDetecting chargesCharges in atmosphere(1-3)dec | LighteningLightening conductorsPrecautions(6-10)dec | Earth quakeMeasuring earthquakePrecautions(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 CURRENTConductors/InsulatorsElectrical conductivity(5-7)JAN | ELECTRICAL CONDUCTIVITY OF WATEREFFECT OF IMPURITIES ON ELECTROLYSISELECTROLYSIS(10-14)JAN | Electrolysis of waterElectrolysis of copper sulphateElectroplating(17-21)jan | MORE ABOUT LIGHTReflectionLaws of reflectionImage in a plane mirrorCharacteristics 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 diffusedMultiple reflectionInstrumentsRefraction(1-4)feb | Dispersion of light and spectrumHuman eyeLong and short sightCare of eyeVisual impairmentPersistence of vision(7-11)feb | CONSERVATION OF PLANTS AND ANIMALSBiodiversityFlora and faunaImportance of biodiversityThreat to biodiversityDeforestation(14-18)feb | Endemic speciesConservation of rich biodiversityWild life sanctuaryRed 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 |  |  |