Biology - xi

Indian School Al Wadi Al Kabir - Syllabus break up for August2014

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| **Class**  | **Week1**  | **Week2**  | **Week3**  | **Week4**  |
| XI | Transport in plantsPlant water relationsTranspirationPhloem transport | Mineral nutritionEssential mineral elementsTranslocation of solutes | Mineral nutritionNitrogen metabolismPhotosynthesis in higher plantsEarly experimentsMechanism of photosynthesisETSC4 pathway | Photosynthesis:PhotorespirationFactorsRespiration in plants:GlycolysisFermentationAerobic respirationAmphibolic pathwayRQ |

Indian School Al Wadi Al Kabir - Syllabus break up for September2014

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| **Class**  | **Week1**  | **Week2**  | **Week3**  | **Week4**  |
| XI | Plant growth and development:DevelopmentPlant growth regulatorsPhotoperiodismVernalisation | Diversity in the living world:CharactersTaxonomic categoriesTaxonomical aids | Assessment II | Assessment II |

Indian School Al Wadi Al Kabir - Syllabus break up for October2014

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| **Class**  | **Week1**  | **Week2**  | **Week3**  | **Week4**  |
| XI | Biological classification:Kingdom Monera,Protista, Fungi, Plantae & AnimaliaViruses, virioids & lichens | Plant kingdom:Algae, Bryophytes, Pteridophytes, Gymnosperms, AngiospermsLife cycle | Animal kingdomBasis of classificationPhylum – Porifera, Coelenterata, Ctenophora, Platyhelminthes & Aschelminthes | Phylum – Annelida, Arthropoda, Mollusca, EchinodermataHemichordataChordata |

Indian School Al Wadi Al Kabir - Syllabus break up for November2014

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| **Class**  | **Week1**  | **Week2**  | **Week3**  | **Week4**  |
| XI | Cell structure and function:Cell: The unit of lifeCell theoryProkaryotic cell | Cell: The unit of lifeEukaryotic cells | BiomoleculesPrimary and secondary metabolitesBiomacromoleculesProteinsNucleic acids | Structure of proteinsNature of bond linkingMetabolismLiving stateEnzymes |

Indian School Al Wadi Al Kabir - Syllabus break up for December2014

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| **Class**  | **Week1**  | **Week2**  | **Week3**  | **Week4**  |
| XI | Cell cycle and cell division:M phaseMitosisMeiosisSignificance | Structural organization in Plants: The root, The stem, The leaf, The inflorescence, The flower | The fruit, The seedSemi-technical description of a plantFamilies | Winter break |

Indian School Al Wadi Al Kabir - Syllabus break up for January2015

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| **Class**  | **Week1**  | **Week2**  | **Week3**  | **Week4**  |
| XI | Anatomy of flowering plantsThe tissues, The tissue system, Anatomy of dicot and monocot root | Anatomy of dicot & monocot stem and leavesSecondary growth | Stuctural organization in Animals: Animal tissues | Stuctural organization in Animals:Organ and organ systemsEarth worm |

Indian School Al Wadi Al Kabir - Syllabus break up for february2015

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| **Class**  | **Week1**  | **Week2**  | **Week3**  | **Week4**  |
| XI | Stuctural organization in Animals:Cockroach | Revision | Revision | Revision |