**INDIAN SCHOOL AL WADI AL KABIR**

**DEPARTMENT OF SCIENCE 2015-16**

**WEEKLY PLAN-CLASS 10- BIOLOGY**

Indian School Al Wadi Al Kabir - Syllabus break up for August2015-2016

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| **CLASSDATE/ INSTRUCTION PERIODS** | **Week1** | **Week 2****5 -6****(2)** | **Week 3****9-13****(3)** | **Week 4****16-20****(2+1)** | **Week 5****23-31****(03)** |
| X-BIOLOGY |  | CONTROL & COORDINATIONSynapse, Impulse transmission | Nervous system-Humans | Control &coordination-Plants | Endocrine system-Humans |

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| **Class** | **Week1****1-3****(02)** | **Week2****6-10****(03)** | **Week3****13-17****(03)** | **Week4****20-30****(03)** |
| X-BIOLOGY | Revision | Revision | SA I EXAMS BEGIN | S A I EXAMS |

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| **Class** | **Week 2****5-8****(03)** | **Week3****11-15****(03)** | **Week4****18-22****(03)** | **Week 5****25-29****(03)** |
| X-BIOLOGY | How do organisms reproduce?Introduction-DNA COPYINGTypes of reproduction-Asexual methods-Fission | Fragmentation, Regeneration,Spore formation, Budding, Vegetative propagationExperiment- To study a) binary fission in Amoeba, & b) budding in yeast with the help of a slide | Sexual reproduction-Plants  | Sexual reproduction-Humans |

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| **Class** | **Week1****1-5****(03)** | **Week2****8-12****(03)** | **Week3****15-19****(03)** | **Week4****22-30****(04)** |
| X-BIOLOGY | HEREDITY &EVOLUTIONMendelism-Monohybrid cross | Dihybrid cross | Variation, Speciation, Evidences for evolution. Experiment- to study homology & Analogy with the help of models charts of animals & Plants | Human evolution.Experiment – To identify the different parts of an embryo of a dicot seed (pea, gram,or kidney bean)  |

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| **Class** | **Week1****1-3****(1-2)** | **Week2****6-10****(03)** | **Week3****13-17****(03)** | **Week4****20-24** |
| X-BIOLOGY | OUR ENVIRONMENT-Ecosystem | Food chain,Food web | Ozone depletion,Waste disposal |  |

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| **Class** | **Week1****3-7****(03)** | **Week2****10-14****(03)** | **Week3****17-21****(03)** | **Week4****24-28****(03)** |
| X-BIOLOGY | MANAGEMENT OF NATURAL RESOURCES-Forest | Water-Dams | Ganga action plan | Revision |

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 **Revision continues**