**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 & COORDINATION  Synapse, 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 propagation  Experiment- 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 &EVOLUTION  Mendelism-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 |

Indian School Al Wadi Al Kabir - Syllabus break up for february2015-2016

**Revision continues**