**INDIAN SCHOOL AL WADI AL KABIR**

**DEPARTMENT OF SCIENCE 2016-17**

**WEEKLY PLAN- CLASS-6**

Indian School Al Wadi Al Kabir - Syllabus break up for August2016

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| **Class** | **Week1**  **31-7-16&**  **01/08/16-04/08/16**  **(1+3)** | **Week2**  **07/08/16-11/08/16**  **(6)** | **Week3**  **14/08/16-18/08/16**  **(3)** | **Week4**  **21/08/16-25/08/16**  **(3)** | **Week 5**  **28/08/16-31/08/16**  **(3)** |
| CLASS VI  SCIENCE | Warm up and instruction to students.  CHAPTER-6- CHANGES AROUND US-  What is change?  Reversible and Irreversible changes | Physical changes, Effect of heating and cooling on materials. Chemical changes, common causes of chemical and physical changes, Textual exercise and worksheet discussion. | CHAPTER- 7- THE LIVING AND THE NON- LIVING –Things around us, characteristics of living things –Structural organization, growth, movement. | Food and nutrition.  Respiration, Excretion,  Reproduction, definite life span, response to stimuli  (LIFE SPAN-TABLE,GEOTROPISM AND PHOTOTROPISM,SPECIES -OMITTED) | Textual exercise and worksheet completion |

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

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| **Class** | **Week1**  **01/09/16**  **(1)** | **Week2**  **04/09/16-8/09/16**  **(3)** | **Week3**  **11/09/16-15/09/16** | **Week4**  **18/09/16-22/09/16** | **Week 5**  **25/09/16-29/09/16** |
| Class VI  SCIENCE | Revision | Revision |  | SA I | SA I |

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

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| **Class** | **Week 2**  **02/10/16-06/10/16**  **(3)** | **Week 3**  **9/10/16-13/10/16**  **(4)** | **Week 4**  **16/10/16-20/10/16**  **(3+3)** | **Week 5**  **23/10/16-27/10/16**  **(4)** |
| Class VI  SCIENCE | CHAPTER 8-  PLANT WORLD-  Types of plants-Flowering, non – flowering,  Herbs,shrubs, trees, creepers and climbers,parts of a plant-Root system-types of roots,functions of roots and modifications of roots | Shoot system-functions, modifications of stem.Leaf system- venation, functions-  Photosynthesis and transpiration(definitions),  Modifications of leaf  (ACTIVITIES 6,7&8-OMITTED) | Parts of a flower, textual exercise and worksheet discussion.  CHAPTER 9-MOVEMENTS IN THE BODY-Levels of organization of the body(flow chart),movement and locomotion, Movement in earthworm, snail,  cockroach.  ***(exclude table 9.1 pg no.105)*** | Movements in fish,bird and snake.Movements in human body- functions of the human skeleton. |

Indian School Al Wadi Al Kabir - Syllabus break for November 2016

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| **Class** | **Week1**  **1-11-16 to 3-11-16**  **(3)** | **Week2**  **6-11-16 to 10-11-16**  **(6)** | **Week3**  **13-11-16 to 17-11-16**  **(3)** | **Week4**  **20-11-16 to 24-11-16**  **(6)** | **Week 5**  **27-11-16 to 30-11-16**  **(4)** |
| Class VI  SCIENCE | Four main parts of skeleton and joints.Movements of bones and X-ray.  Discussion of worksheet and text book exercise questions. | CHAPTER 10  ADAPTATIONS IN LIVING ORGANISMS-Habitat (definition), Types of habitat, Adaptations, Adaptations in terrestrial habitat-Desert-plants and animals.  Polar region, | Grasslands, tropical rain forest. Aquatic habitat, textual exercise and worksheet discussion | CHAPTER 11- MEASUREMENT AND MOTION  (Handout)  Measurement(definition),  Ancient units of measurement with its disadvantage, SI units-Examples, advantages, Measuring length-using rulerMeasuring length of a curved line- using thread and divider.  ***exclude table 11.1(*Conversion from metre to centimeter, kilometer to metre, kilogram to gram, seconds to minutes, minute to hour only is needed)** | Motion-types of motion.  Textbook exercise and worksheet to be solved. |

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

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| **Class** | **Week 1** | **Week2**  **4-12-16 to 8-12-16**  **(5)** | **Week3**  **11-12-16 to 15-12-16**  **(3)** | **Week4**  **18-12-16to 20-12-16**  **(3)** | **Week5** |
| Class VI  SCIENCE |  | CHAPTER 12-LIGHT SHADOWS AND REFLECTION- What is light? Sources of light, Light travels in straight line  Producing a beam of light- Pin hole camera, Shadow, What does a shadow look like? | Forming shadow with large size, Eclipse, Reflection, textual exercise and worksheet discussion | CHAPTER-17-WASTE AND ITS MANAGEMENT (OTBA-OPEN TEXT BOOK BASED ASSESSMENT) | Winter Break |

Indian School Al Wadi Al Kabir - Syllabus break up for January 2017

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| **Class** | **Week 1** | **Week 2** | **Week3**  **15-1-17to19-1-17**  **(6)** | **Week4**  **22-1-17to 26-1-17**  **(4)** | **Week3**  **29-1-17 to 31-1-17**  **(3)** |
| Class VI  SCIENCE | WINTER  HOLIDAYS | WINTER  HOLIDAYS | CHAPTER 13- ELECTRICITY AND CIRCUITS-WHAT IS ELECTRICITY-introduction, Working of a torch, electric circuit, electric switch More on electric cells, conductors and insulators, safety precautions  Textual exercise and worksheet discussion. | CHAPTER 14  MAGNETS AND THEIR EFFECTS. Magnets-meaning, Magnetic and non-magnetic materials  magnetic  Poles, Separation of two poles of a magnet, Attraction and repulsion of magnetic poles. Properties of magnets, making magnets | Earth as giant magnets,  Magnetic compass, Preserving magnets, uses of magnets, textual exercise and worksheet discussion. |

Indian School Al Wadi Al Kabir - Syllabus break up for FEBRUARY 2017

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| **Class** | **Week1**  **1-2-17 to 2-2-17**  **(2)** | **Week2**  **5-2-17 to 9-2-17**  **(5)** | **Week3** | **Week4** |
| Class VI  SCIENCE | CHAPTER 16  AIR AROUND US  (Handout)  Introduction  Atmosphere, composition of air. Air supports life, oxygen cycle. | Role of the atmosphere, ozone layer uses of air and air pollution, textual exercise and worksheet discussion. | Revision | Revision |

Indian School Al Wadi Al Kabir - Syllabus break up for MARCH 2017

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| **Class** | **Week1** | **Week2** | **Week3** | **Week4** | Week 5 |
| Class VI  SCIENCE | Revision | SA II | SAII |  |  |