**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 10ADAPTATIONS 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 lineProducing 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 | WINTERHOLIDAYS | WINTERHOLIDAYS | 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 14MAGNETS AND THEIR EFFECTS. Magnets-meaning, Magnetic and non-magnetic materialsmagneticPoles, 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 16AIR AROUND US(Handout)IntroductionAtmosphere, 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 |  |  |