**INDIAN SCHOOL AL WADI AL KABIR**

**DEPARTMENT OF SCIENCE 2018-19**

**WEEKLY PLAN- CLASS-7**

Indian School Al Wadi Al Kabir - Syllabus break up for August 2018

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| **Class** | **Week1**  **1-8-18 to 2-8-18**  **(2)** | **Week2**  **5-8-18 to 9-8-18**  **(6)** | **Week3**  **12-8-18 to 16-8-18**  **(2+3)** | **Week4**  **19-8-18 to 23-8-18**  **(3)** | **Week 5**  **26-8-18 to 30-8-18**  **(5)** |
| CLASS 7 SCIENCE | **Water: a life giving liquid and management of waste water-Questionairre** | **Wind and storm-**  **Introduction, air exerts pressure (Act 8.1), High speed winds accompanied by low pressure (Act 8.2,8.3,8.4), air expands on heating**  **(Act8.5,8.6)** | **Wind and storm- Thunderstorms and cyclones, Destruction caused by cyclones, safety measures, advanced technology.**  **Text book Exercises and worksheet discussion**  **Transportation in animals and plants- Introduction, Circulatory system (Till Blood vessels)** | **Transportation in animals and plants- Heart, heartbeat, ( Table 11.1,11.2), Excretory system in humans** | **Transportation in animals and plants- Transport of water and minerals.**  **REVISION FOR**  **MID TERM** |

**Indian School Al Wadi Al Kabir - Syllabus break up for September2018**

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| **Class** | **Week1** | **Week2**  **2-9-18 TO 6-9-18**  **(5)** | **Week3**  **9-9-18 TO 13-9-18**  (2) | **Week4**  **16-9-18 TO 20-9-18** | Week 5  23-9-18 TO 30.9.2018 |
| Class 7  SCIENCE |  | **REVISION FOR**  **MID TERM** | **REVISION FOR**  **MID TERM AND**  **MID TERM EXAMINATION** | **MID TERM EXAMINATION** | **MID TERM EXAMINATION** |

**Indian School Al Wadi Al Kabir - Syllabus break up for0CTOBER 2018**

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| **Class** | **Week 1**  **1-10-18 TO**  **4-10-18**  **(3)** | **Week 2**  **7-10-18 TO**  **11-10-18**  **(6)** | **Week 3**  **14-10-18 TO 18-10-18**  **(6)** | **Week 4**  **21-10-17 TO 25-10-18**  **(4)** | **Week 5**  **28-10-18 TO 31-10-18**  **(3)** |
| Class 7  SCIENCE | **Weather, climate and adaptations of animals to climate- Introduction, Definition of weather and climate, climate and adaptation** | **Weather, climate and adaptations of animals to climate-Polar regions, tropical rain forests.**  **Textual exercise and worksheet discussion** | **Physical and chemical changes- Introduction, physical changes( Act-6.1,6.2,6.3,6.4,6.5), Chemical changes**  **(Act-6.6,6.7,6.8), Rusting of iron, Crystals(Only definition of crystallisation)**  **Textual exercise and worksheet discussion** | **Light- Introduction, Light travels in a straight line, Reflection of light,**  **(Act-15.1,15.2,15.3), Right or left ( 15.4)** | **Light-(15.4), Playing with spherical mirrors,( act-15.5,15.6,15.7), Lenses-types**  **( Definition),** |

**Indian School Al Wadi Al Kabir - Syllabus break up for November 2018**

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| **Class** | **Week1**  **1-11-18 (1)** | **Week2**  **4-11-18 TO**  **8-11-18**  **(4)** | **Week3**  **11-11-18 TO**  **15-11-18**  **(2+2)** | **Week4**  **18-11-18 TO**  **22-11-18**  **(3)** | **Week 5**  **25-11-18 TO**  **29-11-18**  **(3)** |
| Class 7  SCIENCE | **Light–Sunlight-white or coloured**  **(Act-15.11,15.12)**  **Text book Exercises and worksheet** | **Soil- Introduction,Soil teaming with life**  **(Act-9.1),soil profile (Act-9.2), Soil types,**  **(Act-9.3), Properties of soil- Percolation rate.** | **Soil-Properties of soil- Moisture in soil, absorption of water by soil, soil and crops.**  **(Table-9.2)**  **Textual exercise and worksheet discussion**  **Respiration in organisms-Introduction, Why do we respire?** | **Respiration in organisms–Breathing(Act-10.1,10.2,10.3), How do we breathe?(Act-10.4,10.5)** | **Respiration in organisms– What do we breathe out? (Act-10.6), Breathing in other animals, Breathing under water, Do plants also respire?**  **Textual exercise and worksheet discussion** |

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| **Indian School Al Wadi Al Kabir - Syllabus break up for December 2018** | | | | | |
|  | **Week 1** | **Week 2**  **2-12-18 to 6-12-18**  **(2)** | **Week 3**  **9-12-18 TO 13-12-18**  **(3)** | **Week 4**  **16-12-18 TO 20-12-18**  **(3)** | **Week 5** |
| Class 7  SCIENCE |  | **Fibre to Fabric(Hand out)- Introduction, wool,From fibres to wool, Processing, Life cycle of silk moth, From coccoon to silk.** | **Motion and time- Introduction,**  **(Table-13.1), Speed, Measurement,**  **(Act-13.2,Table-13.2),Units of time and speed.**  **Revision for post mid term** | **Motion and time– Measuring speed, (Table-13.3,13.4),distance-time graph.**  **Text book Exercises and worksheet discussion.**  **Revision for post mid term** | **WINTER VACATION** |

**Indian School Al Wadi Al Kabir - Syllabus break up for January-2019**

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| **Class** | **Week1** | **Week2**  **9.1.19 TO 10-1-19**  **(2)** | **Week3**  **13-1-19 TO 17-1-19**  **(6)** | **Week4**  **20-1-19 TO 24-1-19**  (5) | **Week 5**  **27 -1-19 TO 31-1-19**  **(6)** |
| Class 7  SCIENCE | **WINTER**  **HOLIDAYS** | **Electric current and its effects- Introduction and symbol of electric component**  **(Act-14.1)** | **Electric current and its effects- Heating effect of electric current (Act-14.2, 14.3), Magnetic effect of electric current**  **(Act-14.5),electromagnet**  **(Act-14.6),Electric bell.**  **.** | **Electric current and its effects -Text book Exercises and worksheet discussion**  **Reproduction in plants-Introduction, Modes of reproduction, asexual reproduction,**  **(Act-12.3)** | **Reproduction in plants -Sexual reproduction,**  **(Act-12.4),Pollination, Fertilization,Seed dispersal,**  **Text book Exercises and worksheet discussion** |

**Indian School Al Wadi Al Kabir - Syllabus break for February-2019**

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| **Class** | **Week1** | **Week2**  **3-2-19 TO 7-2-19**  **(6)** | **Week3**  **10-2-19 TO 14-2-19**  **(5)** | | **Week4**  **17-2-19 TO 21-2-19**  (6) | **Week 5**  **24.2.19 TO 28.2.19**  **(6)** |
| Class 7  SCIENCE |  | **Forest our life line-PPT and Questionnaire** | | **REVISION FOR FINAL EXAMINATION** | **REVISION FOR FINAL EXAMINATION** | **REVISION FOR FINAL EXAMINATION** |

**Indian School Al Wadi Al Kabir - Syllabus break up for March -2019**

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| **Class** | **Week1** | **Week2**  **3.3.19 TO 7.3.19**  **(2)** | **Week3** | **Week4** | **Week 5** |
| Class 7  SCIENCE |  | **REVISION FOR FINAL EXAMINATION** | **FINAL EXAMINATION** | **FINAL EXAMINATION** |  |

PREPARED BY

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