**INDIAN SCHOOL AL WADI AL KABIR**

**DEPARTMENT OF SCIENCE 2017-18**

**WEEKLY PLAN- CLASS-7**

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

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| **Class** | **Week 1** | **Week2** | **Week3** | **Week4**  **24-7-17 TO 27-7-17**  **(2+2)** | **Week 5**  **30-7-17 TO 31-7-17**  **(2)** |
| CLASS 7 SCIENCE | **SUMMER HOLIDAYS** | **SUMMER HOLIDAYS** | **SUMMER HOLIDAYS** | **WATER- QUESTIONNAIRE**  **LIGHT AND ASSOCIATED PHENOMENA-**  **(Conti…)**  **Reflection of light, plane mirror** | **LIGHT AND ASSOCIATED PHENOMENA-**  **(Conti…)**  **Terms used in reflection, laws of reflection, Real and virtual image.** |

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

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| **Class** | **Week1**  **1-8-17 to 3-8-17**  **(4)** | **Week2**  **6-8-17 to 10-8-17**  **(2+4)** | **Week3**  **13-8-17 to 17-8-17**  **(4)** | **Week4**  **20-8-17 to 24-8-17**  **(6)** | **Week 5**  **27-8-17 to 31-8-17**  **(6)** |
| CLASS 7 SCIENCE | **Spherical or curved mirrors, lenses, practical uses of mirrors and lenses, image formation in eye.** | **splitting of white light and Newton’s disc,**  **Textual exercise and worksheet discussion**  **AnimalFibres**  **(HANDOUT)and worksheet discussion** | **Acids Bases and salts**  **Acids-**  **Types, properties and uses**  **Bases and salts-types,properties and uses,** | **Indicators, Neutralisation reaction. Textual exercise and worksheet completion.** | **REVISION FOR MID TERM** |

Indian School Al Wadi Al Kabir - Syllabus break up for September2017

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| **Class** | **Week1** | **Week2**  **3-9-17 TO 7-9-17** | **Week3**  **10-9-17 TO 14-9-17** | **Week4**  **17-9-17 TO 21-9-17** | Week 5  24-9-17 TO 26-9-17 (MID TERM EXAM) 27-9-17 TO 28-9-17  (2) |
| Class 7  SCIENCE |  | **REVISION FOR**  **MID TERM** | **MID TERM EXAMINATION** | **MID TERM EXAMINATION** | **SHOWING AND DISCUSSION OF PAPERS** |

Indian School Al Wadi Al Kabir - Syllabus break up for0CTOBER 2017

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| **Class** | **Week 1**  **1-10-17 TO 5-10-17**  **(4)** | **Week 2**  **8-10-17 TO 12-10-17**  **(6)** | **Week 3**  **15-10-17 TO 19-10-17**  **(2+4)** | **Week 4**  **22-10-17 TO 26-10-17**  **(6)** | **Week 5**  **29-10-17 TO 31-10-17**  **(3)** |
| Class 7  SCIENCE | **Respiration in Organisms-Introduction, Respiration in humans, Mechanism of breathing, composition of inhaled and exhaled air.** | **Types of respiration. Respiration in other organisms, Respiration in plants.** | **Textual exercise and worksheet discussion.**  **Transportation and excretion**  **Introduction,circulatory system in humans,blood-components and uses** | **Transportation and excretion**  **Heart-structure, Functioning of heart,Excretion,excretion in animals and humans,** | **Transportation in plants, Transpiration, Textual exercise and worksheet discussion**  **DEEPAVALI AND NEW YEAR HOLIDAYS** |

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

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| **Class** | **Week1**  **1-11-17 to 2-11-17**  **(2)** | **Week2**  **5-11-17 TO 9-11-17**  **(6)** | **Week3**  **12-11-17 TO 16-11-17**  **(3+3)** | **Week4**  **19-11-17 TO 23-11-17**  **(6)** | **Week 5**  **26-11-17 TO 30-11-17**  **(6)** |
| Class 7  SCIENCE | **Physical and Chemical changes(Only word equations)**  **Introduction, Physical changes, chemical changes.** | **Physical and Chemical changes-(contd.)**  **Characteristics of chemical reaction.**  **Rusting of iron,**  **browning of vegetables, reaction between vinegar and baking soda.** | **displacement reaction**  **Crystallisation and decomposition.**  **Text book Exercises and worksheet**  **Time and motion**  **Time and Motion-**  **Introduction,**  **Measurement, SI units**  **Measurement of time.** | **Time and Motion-**  **Simple Pendulum,**  **motion and speed, Numerical problems**  **Graphical representation of types of motion Textual exercise and worksheet discussion** | **Reproduction in plants-Introduction, Asexual mode of reproduction-Spore formation, fragmentation, Budding, Vegetative propagation**  **Artificial vegetative propagation-Cutting, grafting, layering and tissue culture**  **Advantages of vegetative propagation.** |

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

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|  | **Week 1** | **Week 2**  **3-12-17 to 7-12-17**  **(6)** | **Week 3**  **10-12-17 TO 14-12-17**  **(2+4)** | **Week 4**  **17-12-17 TO 21-12-17**  **(3)** | **Week 5** |
| Class 7  SCIENCE |  | **sexual mode of reproduction, agents of pollination**  **Fertilisation, Seed dispersal and agents for seed dispersal germination of seeds** | **Text book Exercises and worksheet**  **Weather climate and animal adaptations**  **(HANDOUT)**  **and worksheet discussion**  **POST MID TERM** | **POST MID TERM** | **WINTER VACATION** |

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

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| **Class** | **Week1** | **Week2**  **11-1-18**  **(1)** | **Week3**  **14-1-18 TO 18-1-18**  **(6)** | **Week4**  21-1-18 TO 25-1-18  (6) | **Week 5**  **28 -1-18 TO 31-1-18**  **(6)** |
| Class 7  SCIENCE | **WINTER**  **HOLIDAYS** | **WINTER**  **HOLIDAYS** | **Wind and storm-**  **Introduction, wind, air pressure, air current, characteristics of wind, thunderstorm.** | **Wind and storm (conti…)**  **Safety measures to be followed during a storm or a cyclone.**  **Text book Exercises and worksheet discussion** | **Electric current and Simple circuits-Introduction, Electric circuit, Components of electric circuit, effects of electric current, heating effect of electric current, Electric fuse.** |

Indian School Al Wadi Al Kabir - Syllabus break for February-2018

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| **Class** | **Week1**  **1-2-18**  **(1)** | **Week2**  **4-2-18 TO 8-2-18**  **(3+3)** | **Week3**  **11-2-18 TO 15-2-18**  **(6)** | **Week4**  18-2-18 TO 22-2-18 | **Week 5**  **26 to 28** |
| Class 7  SCIENCE | **Electric current and Simple circuits (contd..)**  **Magnetic effect of electric current** | **electromagnet, Uses of electromagnets**  **Text book exercises and worksheet**  **Forest and their conservation-**  **Questionnaire** | **REVISION FOR FINAL EXAMINATION** | **REVISION FOR FINAL EXAMINATION** | **REVISION FOR FINAL EXAMINATION** |

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

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| **Class** | **Week1** | **Week2** | **Week3** | **Week4** | **Week 5** |
| Class 7  SCIENCE | **FINAL EXAMINATION** | **FIANL EXAMINATION** | **FINAL EXAMINATION** | **FINAL EXAMINATION** |  |

PREPARED BY

Mrs. LEENA, Mrs. REXY & Mrs. SHRUTI