**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 524-9-17 TO 26-9-17 (MID TERM EXAM) 27-9-17 TO 28-9-17 (2) |
| Class 7SCIENCE |  | **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 7SCIENCE | **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 7SCIENCE | **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 7SCIENCE |  | **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 7SCIENCE | **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 7SCIENCE | **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 7SCIENCE | **FINAL EXAMINATION** | **FIANL EXAMINATION** | **FINAL EXAMINATION** | **FINAL EXAMINATION** |  |

PREPARED BY

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