Indian School Al Wadi Al Kabir - Syllabus break up for

**AUGUST 2019**

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| **CLASS 7** | **WEEK 1** | **WEEK 2** | **WEEK 3** | **WEEK 4** | **WEEK 5** |
| **SCIENCE** | **1-8-19**  **(1)** | **4-8-19**  **TO**  **8-8-19**  **(6)** | **11-8-19**  **TO**  **15-8-19**  **(1)** | **18-8-19**  **TO**  **22-8-19**  **(1+5)** | **25-8-19**  **TO**  **29-8-19**  **(5)** |
|  | **CHAPTER 8-**  **WIND, STORMS AND CYCLONES-**  Air exerts pressure | **WIND, STORMS AND CYCLONES (contd)-**  High Speed Winds Are Accompanied by Reduced Air pressure, Air expands on heating, Thunderstorms and Cyclones, Destruction caused by cyclones. | **WIND, STORMS AND CYCLONES (contd)-**  safety measures, advanced technology. | **WIND, STORMS AND CYCLONES (contd)-**  Text book Exercises and worksheet discussion  **CHAPTER 11-**  **TRANSPORTATION IN ANIMALS AND PLANTS-**  Circulatory system, Heart, heartbeat  (Table 11.1,11.2) | **TRANSPORTATION IN ANIMALS AND PLANTS (contd)-**  Excretion in animals, transport of substances in plants.  Text book Exercises and worksheet discussion |
| **LAB TOPICS:**  1. CHAPTER 8- WIND, STORMS AND CYCLONES- Activity 8.1**-** To observe that air exerts pressure  2. CHAPTER 8- WIND, STORMS AND CYCLONES – Activity 8.2, 8.3, 8.4- To observe that high speed winds are accompanied by reduced air pressure.  3. CHAPTER 8- WIND, STORMS AND CYCLONES – Activity 8.5- To observe that air expands on heating. | | | | | |

Indian School Al Wadi Al Kabir - Syllabus break up for

**SEPTEMBER 2019**

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| **CLASS 7** | **WEEK 1** | **WEEK 2** | **WEEK 3** | **WEEK 4** | **WEEK 5** |
| **SCIENCE** | **1-9-19**  **TO**  **5-9-19**  **(4)** | **8-9-19**  **TO**  **12-9-19**  **(3)** | **15-9-19**  **TO**  **19-9-19**  **(6)** | **22-9-19**  **TO**  **26-9-19**  **(6)** | **29-9-19**  **TO**  **30-9-19**  **(2)** |
|  | **CHAPTER 16 & 18- WATER: A PRECIOUS RESOURCE AND WASTE WATER STORY-(Questionnaire)**  **REVISION FOR MID TERM EXAM** | **REVISION FOR MID TERM EXAM** | **MID TERM EXAM** | **MID TERM EXAM** | **MID TERM EXAM** |
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Indian School Al Wadi Al Kabir - Syllabus break up for

**OCTOBER 2019**

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| **CLASS 7** | **WEEK 1** | **WEEK 2** | **WEEK 3** | **WEEK 4** | **WEEK 5** |
| **SCIENCE** | **1-10-19**  **TO**  **3-10-19**  **(3)** | **6-10-19**  **TO**  **10-10-19**  **(5)** | **13-10-19**  **TO**  **17-10-19**  **(6)** | **20-10-19**  **TO**  **24-9-19**  **(6)** | **27-10-19**  **TO**  **31-10-19**  **(3)** |
|  | **CHAPTER 12-REPRODUCTION IN PLANTS-I**ntroductionModes of reproduction, asexual reproduction, | **CHAPTER 12-REPRODUCTION IN PLANTS (contd)--**  Sexual reproduction,  Pollination, Fertilization, Fruit and seed formation, Seed dispersal.  **Text book exercise and worksheet discussion** | **CHAPTER 6-PHYSICAL AND CHEMICAL CHANGES-**  **P**hysical changes (Act-6.1, 6.2, 6.3, 6.4, 6.5), Chemical change  (Act-6.6, 6.7, 6.8), Rusting of iron, Crystal (Only definition of crystallisation)  **Text book exercise and worksheet discussion** | **CHAPTER 15-LIGHT-** Introduction, Light travels in a straight line, Reflection of light, (Act-15.1, 15.2, 15.3), Right or left (15.4), Playing with spherical mirrors,(Act-15.5,15.7) | **CHAPTER 15-LIGHT (contd)-**  Lenses-types  (Definition) Sunlight-white or coloured  (Act-15.11,15.12)  **Text book exercise and worksheet discussion.** |
| **LAB TOPICS:**   1. CHAPTER 6-PHYSICAL AND CHEMICAL CHANGES- Act. 6.6- To demonstrate burning of magnesium ribbon. 2. CHAPTER 6-PHYSICAL AND CHEMICAL CHANGES- Act. 6.8- To demonstrate evolution of gas during chemical change 3. CHAPTER 15-LIGHT- Act. 15.2, 15.3- To observe the properties of image formed by a plane mirror 4. CHAPTER 15-LIGHT- Act. 15.11- To observe the splitting of white light | | | | | |

Indian School Al Wadi Al Kabir - Syllabus break up for

**NOVEMBER 2019**

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| **CLASS 7** | **WEEK 1** | **WEEK 2** | **WEEK 3** | **WEEK 4** | **WEEK 5** |
| **SCIENCE** |  | **3-11-19**  **TO**  **7-11-19**  **(6)** | **10-11-19**  **TO**  **14-11-19**  **(3)** | **17-11-19**  **TO**  **21-11-19**  **(3)** | **24-11-19**  **TO**  **28-11-19**  **(3)** |
|  |  | **CHAPTER 9- SOIL-** Introduction, Soil teeming with life  (Act-9.1), Soil profile (Act-9.2), Soil types,  (Act-9.3), Properties of soil- Percolation rate, Moisture in soil, Absorption of water by soil. | **CHAPTER 9-SOIL (contd) –**  Soil and crops. (Table-9.2)  **Textual exercise and worksheet discussion** | **CHAPTER 7-WEATHER, CLIMATE AND ADAPTATIONS OF ANIMALS TO CLIMATE-** Introduction, Definition of weather and climate, climate and adaptation, Polar regions | **CHAPTER 8-WEATHER, CLIMATE AND ADAPTATIONS OF ANIMALS TO CLIMATE (contd)-** Tropical rain forests.  **Textual exercise and worksheet discussion** |
| **LAB TOPICS:**   1. CHAPTER 9- SOIL**-** Act 9.2- To observe the different layers of soil. | | | | | |

Indian School Al Wadi Al Kabir - Syllabus break up for

**DECEMBER 2019**

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| **CLASS 7** | **WEEK 1** | **WEEK 2** | **WEEK 3** | **WEEK 4** | **WEEK 5** |
| **SCIENCE** | **1-12-19**  **TO**  **5-12-19**  **(3)** | **8-12-19**  **TO**  **12-12-19**  **(4)** | **15-12-19**  **TO**  **19-12-19**  **(4)** | **22-12-19**  **TO**  **26-12-19** | **29-12-19**  **TO**  **31-12-19** |
|  | **CHAPTER 13-MOTION AND TIME-** Introduction,  (Table-13.1), Speed, Measurement,  (Act-13.2, Table-13.2)  **REVISION FOR POST MID TERM EXAM** | **CHAPTER 13-MOTION AND TIME (contd)–**  Units of time and speed,  Measuring speed, distance and time- numerical,(Table-13.3, 13.4)  **REVISION FOR POST MID TERM EXAM** | **CHAPTER 13-MOTION AND TIME (contd)–**  Distance-time graph.    **Text book Exercises and worksheet discussion.**  **POST MID TERM EXAM** | **WINTER HOLIDAYS** | **WINTER HOLIDAYS** |
| **LAB TOPICS:**   1. CHAPTER 13-MOTION AND TIME**-**  Act-13.2- To measure the time period of a simple pendulum. | | | | | |

Indian School Al Wadi Al Kabir - Syllabus break up for

**JANUARY 2020**

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| **CLASS 7** | **WEEK 1** | **WEEK 2** | **WEEK 3** | **WEEK 4** | **WEEK 5** |
| **SCIENCE** | **1-1-20**  **TO**  **2-1-20** | **5-1-20**  **TO**  **9-1-20**  **(2)** | **12-1-20**  **TO**  **16-1-20**  **(5)** | **19-1-20**  **TO**  **23-1-20**  **(2+4)** | **26-1-20**  **TO**  **30-1-20**  **(5)** |
|  | **WINTER HOLIDAYS** | **CHAPTER 14-ELECTRIC CURRENT AND ITS EFFECTS-** Introduction, Symbols of electric components | **CHAPTER 14-ELECTRIC CURRENT AND ITS EFFECTS-**  Electric circuit (Act-14.1),  Heating effect of electric current (Act-14.2),  Magnetic effect of electric current  (Act-14.5), Electromagnet  (Act-14.6),  Electric bell. | **CHAPTER 14-ELECTRIC CURRENT AND ITS EFFECTS -Text book Exercises and worksheet discussion**  **CHAPTER 10-RESPIRATION IN ORGANISMS –** Why do we respire? Breathing (Act-10.1, 10.2, 10.3), How do we breathe? (Act-10.4, 10.5) | **CHAPTER 10-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** |
| **LAB TOPICS:**   1. CHAPTER 14-ELECTRIC CURRENT AND ITS EFFECTS- Act 14.1- To make an electric circui 2. CHAPTER 14-ELECTRIC CURRENT AND ITS EFFECTS- Act 14.6- To make an electromagnet. | | | | | |

Indian School Al Wadi Al Kabir - Syllabus break up for

**FEBRUARY 2020**

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| **CLASS 7** | **WEEK 1** | **WEEK 2** | **WEEK 3** | **WEEK 4** | **WEEK 5** |
| **SCIENCE** |  | **2-2-20**  **TO**  **6-2-20**  **(6)** | **9-2-20**  **TO**  **13-2-20**  **(6)** | **16-2-20**  **TO**  **20-2-20**  **(6)** | **23-2-20**  **TO**  **27-2-19**  **(6)** |
|  |  | **CHAPTER-17-FOREST: OUR LIFELINE- (QUESTIONNAIRE)** | **REVISION FOR FINAL EXAM** | **REVISION FOR FINAL EXAM** | **REVISION FOR FINAL EXAM** |
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Indian School Al Wadi Al Kabir - Syllabus break up for

**MARCH 2020**

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| **CLASS 7** | **WEEK 1** | **WEEK 2** | **WEEK 3** | **WEEK 4** | **WEEK 5** |
| **SCIENCE** | **1-3-20**  **TO**  **5-3-20** | **8-3-20**  **TO**  **12-3-20** | **15-3-20**  **TO**  **19-3-20** | **22-3-20**  **TO**  **26-3-20** | **29-3-20**  **TO**  **31-3-20** |
|  | **REVISION FOR FINAL EXAM** | **FINAL EXAM** | **FINAL EXAM** |  |  |
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**PREPARED BY- Ms. LEENA CHAUDHARY, Ms. SHRUTI MUKUNDAN, Ms. PREETI NAMBIAR**

**CHECKED BY : HOD - SCIENCE**