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 pressure2. 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
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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.
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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.
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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.
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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**