**WEEKLY PLAN**

Indian School Al Wadi Al Kabir - Syllabus break up for

**AUGUST 2019**

**ENGINEERING GRAPHICS**

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| **CLASS 11**  **ENGG.GRAPHICS** | **WEEK 1**  **(01.08.19)** | **WEEK 2**  **(4 to 8)** | **WEEK 3**  **(11 to 15)** | **WEEK 4**  **( 18 to 22)** | **WEEK 5**  **(25 to 29)** |
| **AUGUST**  **(1.08.19 to 31.08.19)**  **LAB TOPICS :** | Submission and checking of holiday assignments.  **Unit 4:Orthographic projections of regular solids.**  Introduction:  Explanation of four quadrants  **Chart paper modeling like prisms and pyramids.** | Points  Lines  Views of an object.  Orthographic projection  Standard method of orthographic projection | Projection of points,lines and plane figures in 1st and 3rd angle method of projections.  Introduction to orthographic projection of Regular solids.. | Definitions  Vertical prisms  Vertical pyramids  Horizontal solids with axis at right angles to V.P.  Horizontal solids with axis parallel to V.P. | Solids inclined to V.P.  Solids inclined to H.P.  Frustums of solids |
| **WEEKLY PLAN**  Indian School Al Wadi Al Kabir - Syllabus break up for  **SEPTEMBER 2019**  **ENGINEERING GRAPHICS** | | | | | |
| **SEPTEMBER (01.09.19 to 30.09.19)**  **LAB TOPICS:** | **(1 to 5 )**  **Unit 5: Sectional Projection of Regular Solids**  Introduction:  Sectional Projection of vertical solids.  **Chart paper modeling like prisms and pyramids.** | **(8 to 12)**  Sectional Projection of horizontal solids.  Revision for Assessment 1  Assessment 1 starts on 15.09.19 | **(15 to 19)**  ASSESSMENT 1 | **(22 to 26)**  ASSESSMENT 1 | **(26 to 30)**  ASSESSMENT 1 |

**WEEKLY PLAN**

Indian School Al Wadi Al Kabir - Syllabus break up for

**OCTOBER 2019**

**ENGINEERING GRAPHICS**

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| **OCTOBER**  **(01.10.19 to 31.10.19)**  **LAB TOPICS** | **( 1 to 3)**  Sectional projections of horizontal solids with axis at right angles to V.P.  Sectional projections of horizontal solids with axis parallel to V.P.  Chart paper modeling of sectioning of solids | **(6 to 10)**  Sectional projection of solids inclined to V.P.  Sectional projection of solids inclined to H.P. | **(13 to 17)**  True shape of the section.  Different types of true shapes and methods to construct it. | **(20 to 24)**  **Unit 6:**  **Orthographic projection of simple machine blocks**.  Introduction:  Construction of front view ,top view & side view with different machine blocks | **(27 to 31)**  Construction of machine block 1  Machine block 2  Machine block 3  Machine block 4  Machine block 5 |

**WEEKLY PLAN**

Indian School Al Wadi Al Kabir - Syllabus break up for

**NOVEMBER 2019**

**ENGINEERING GRAPHICS**

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| **NOVEMBER**  **(01.11.19 to 30.11.19)**  **LAB TOPICS** | **(3 to 7)**  Machine block 6  Machine block 7  Machine block 8  Machine block 9  Machine block 10  Chart paper modeling of sectioning of solids | **(10 to 14)**  Machine block 11  Machine block 12  Machine block 13  Machine block 14 | **(17 to 21)**  Machine block 15  Machine block 16  Machine block 17  Machine block 18 | **(24 to 28)**  Machine block 15  Machine block 16  Machine block 17  Machine block 18 | **(29 to 30)**  Weekend |

**WEEKLY PLAN**

Indian School Al Wadi Al Kabir - Syllabus break up for

**DECEMBER 2019**

**ENGINEERING GRAPHICS**

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| **DECEMBER**  **(01.12.19 to 31.12.19)**  **LAB TOPICS** | **(1 to 5)**  Machine block 19  Machine block 20  Machine block 21  Machine block 22  Revision and practical exam with chart paper modelling | **(8 to 12)**  **Revision for Assessment 2**  **Assessment 2 starts on 08.12.19** | **(15 to 19)**  **Assessment 2** | **(22 to 26)**  **Winter Vacation** | **(29 to 31)**  **Winter**  **Vacation** |

**WEEKLY PLAN**

Indian School Al Wadi Al Kabir - Syllabus break up for

**JANUARY 2020**

**ENGINEERING GRAPHICS**

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| **JANUARY**  **(01.01.20 to 30.01.20)**  **LAB TOPICS** | **(1 to 2)**  **Winter Vacation**  Completion of all practicals including 20 chart paper modeling and sectionals of solids. | **(5 to 9)**  **School reopens on 08.01.20**  **Unit 7:Isometric Projections**  Introduction:  Construction of isometric scale showing main divisions of 10 mm and smaller divisions of 1 mm each, | **(12 to 16)**  Isometric Projections of  figures such as :  Triangles  Squares  Pentagon  Hexagon | **(19 to 23)**  Isometric  Projection of :  Circles  Semi circles  All figures with  their surface parallel to HP or VP  Perpendicular to HP  Or VP. | **(26 to 30)**  **Unit 8:Development of**  **Surfaces**  Introduction:  All Prisms  All pyramids  Right circular cylinder &  Cone.  Completion of Syllabus  Both theory & practicals. |

**WEEKLY PLAN**

Indian School Al Wadi Al Kabir - Syllabus break up for

**FEBRUARY 202O**

**ENGINEERING GRAPHICS**

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| **FEBRUARY**  **(01.02.20 to 29.02.20)**  **LAB TOPICS** | **(2 to 6)**  Completion of Syllabus  Both theory & practicals.  **Final Assessment of practicals** | **( 9 to 13)**  Revision classes  For Final Assessment | **(16 to 20)**  **Final Assessment starts on 16.02.20** | **(23 to 27)**  **Final Assessment** | **(28 to 29)**  Weekend |

**PREPARED BY MS. AISWARYA D CHECKED BY : HOD -SCIENCE**