**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.** | PointsLinesViews of an object.Orthographic projectionStandard 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.. | DefinitionsVertical prismsVertical pyramidsHorizontal 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 1Assessment 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 1Machine block 2Machine block 3Machine block 4Machine 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 6Machine block 7Machine block 8Machine block 9Machine block 10Chart paper modeling of sectioning of solids | **(10 to 14)**Machine block 11Machine block 12Machine block 13Machine block 14 | **(17 to 21)**Machine block 15Machine block 16Machine block 17Machine block 18 | **(24 to 28)**Machine block 15Machine block 16Machine block 17Machine 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 19Machine block 20Machine block 21Machine block 22Revision 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 :TrianglesSquaresPentagonHexagon | **(19 to 23)**Isometric Projection of :CirclesSemi circlesAll figures withtheir surface parallel to HP or VPPerpendicular to HPOr VP. | **(26 to 30)****Unit 8:Development of** **Surfaces**Introduction:All PrismsAll pyramidsRight 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 classesFor 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**