Indian School Al Wadi Al Kabir - Syllabus break up for

**APRIL & MAY 2019-ENGINEERING GRAPHICS**

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| **CLASS 11****ENGG.GRAPHICS** | **WEEK 1** | **WEEK 2****(10,11)** | **WEEK 3****(14,18)** | **WEEK 4****( 21 to 25)** | **WEEK 5****(28 to 30)** |
| **April** |  | Introduction to the new subject Engineering Graphics. | Preliminary Contents of Engg.Graphics like Drawing instruments,size shape and layout of sheets | Unit 1 :**Rectilinear Figures**DefinitionsBisection and construction of angle.Lines, Triangles | QuadrilateralsDefintionsSquareRhombusRectangleTrapezium |
| **May** | **(1 to 2 )**PolygonsRegular polygonsIrregular polygons | **(5 to 9 )****Unit 2 :**Circles and TangentsDefinitionsCircle and circumference | **(12 to 16)**TangentsTangential contactsInscribing**UNIT TEST 1** | **(19 to 23)****Unit 3 :****Conic Sections**DefinitionsParabolaEllipseSpiral**UNIT TEST 1** | **(26 to 30)**InvoluteCycloidHelixSine curve**UNIT TEST 1** |
| **LAB TOPICS: April to May**Chart paper modeling (Prisms,Pyramids,Sectioning of solids) (6 models should be completed) |

PREPARD BY MS. AISWARYA HOD -SCIENCE