Indian School Al Wadi Al Kabir - Syllabus break up for

**MARCH TO MAY 2019**

**ENGINEERING GRAPHICS**

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| **CLASS 12****ENGG.GRAPHICS** | **WEEK 1** | **WEEK 2** | **WEEK 3** **(13,14)** | **WEEK 4** **( 17 to 21)** | **WEEK 5** **(24 to 28)** |
| **March** **(13.03.19** **to 31.03.19)** |  |  | **Isometric Projection**Introduction:Isometric Projection of Prisms | Isometric Projection of PyramidsIsometric Projection of Cone and Cylinder | Isometric Projection of FrustumsCombination of Solids |
| **April** **(01.04.19** **to 30.04.19)** | **(1 to 4)****Machine Drawing**Types of ThreadsTypes of Bolts | **(7 to 11 )**Types of nuts & washerCombination of Bolt,nut and washer for Assembling two parts together**.** | **(14 to 18)**Rivets and Riveted jointsConventional representation of threads. | **(21 to 25)**StudsTypes of sunk keys:Woodruff keyDouble headed feather keyCSK key | **(28 to 30)**Machine screws:Round cup headCheese headCSK headGrub screw |
| **May** **(01.05.19** **to 30.05.19)** | **(1 to 2 )****Bearings**Classification of bearingsIntroduction: | **(5 to 9)**Introduction to bushed bearing:Assembling of bushed bearing | **(12 to 16)**Disassembling of bushed bearing | **(19 to 23)**Introduction to open bearingAssembling of open bearing**UNIT TEST 1** | **(26 to 30 )**Disassembling of open bearing |
| **LAB TOPICS: March to May** Thermocol modeling and collabcad presentation (6 models should be completed) |

Prepared by the class coordinator: Ms. Aiswarya HOD - SCIENCE