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| **Indian School Al Wadi Al Kabir - Syllabus break up for 2014-15** | | | | |
| Class 11  mathematics | Week1 | Week2 | Week3 | Week4 |
| **APRIL** | **Sets** and representations, subsets, power sets  Venn diagrams, Operations on sets, | Practical problems based on operations on sets.  **Relations&Functions**  Cartesian product of sets | Relations, Domain and range of relations.  Functions and graph of functions | Domain and range of functions.  Algebra of functions |
| **MAY** | **Trigonometry**  Degree and radian measures.Trigonometric functions. Sum and difference of two angles | Sum and difference of two angles.  LAW OF SINES (SIN RULE)  COSINE RULE T-Equations , Principle and General Solutions | T- Equations, Principle and General Solutions. | **Complex no**., Algebra of Complex nos. |
| **JUNE** | Modulus and conjugate,  SQUARE ROOT OF A COMPLEX Numbers. | Argand plane.  **Quadratic equations**  Revision | SUMMER VACATION | SUMMER VACATION |