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| **Indian School Al Wadi Al Kabir - Syllabus break up for 2014-15** |
| Class 11Comp.sc | Week1  | Week2  | Week3  | Week4  |
| **APRIL** | Computer Overview**(1)** – Basic Components**(1)** -Booting**(1)**Software Concepts**(1)** –Types**(1 & 2)** – System Software**(1)** | Working with OS**(2)** – Need for OS**(2)** – Functions**(1)** – Types of OS**(1)** – Utility Software**(3)** – Application Software**(3)** | Data Representation**(3)** - Number System**(2)**Binary**(2 & 3)** – Octal**(2 & 3)** – Decimal**(2 & 3)**&Hexa Decimal**(2 & 3)** – Conversion amongst**(3)** | Input, Output & Memory Devices**(1)** – ASCII**(1)** – ISCII**(1)**– Microprocessor**(1)** – Basic concepts**(1)** – Memory concepts**(1&2)** – Primary, Secondary, Units of Memory ( Byte, KB, MB, GB, TB, etc…)**(1&2)** |
| **MAY** | General OOP Concepts**(1&2)** – Evolution of S/w**(1&2)** – Paradigms**(1&2)** – Basic concepts – Advantages & Disadvantages of OOP**(1&2)** | Getting Started with C++**(1&2)** - Character Set**(2&3)** – Tokens**(2&3)** – I/O Operators**(2&3)** – Executing Programs**(2&3)** | Data Handling**(2&3)** – Data types**(2&3)** – variables**(2&3)** – Formatting output**(2,3&4)** | Operators & Expressions in C++**(2&3)** - operators**(2&3)** – expressions**(2&3)** – assignment statements - **(2&3)** shorthand’s**(2&3)** |
| **JUNE** | Flow of Control Introduction**(1&2)** –selection – conditional Statements - if and if..else**(3,4,5 & 6)** | Flow of Control – switch statements – Nested If statement**(3,4,5 & 6)** | - | - |

**Skills to be Applied are as shown below to be given as subscript for each Topic.**

1. Remembering 2. Understanding 3. Applying 4. Analyzing 5. Evaluating 6. Creating

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