

St. Xavier's School

Syllabus Planner



Class	X	Syllabus		
Subject	COMPUTER	Syllabus		
Ch. No.	Name of Chapter	Topic	Month	Week
1	Class and Object	Class as the Basis of all Computation Objects and Classes Objects encapsulate state and behaviour – numerous examples; member variables; attributes or features. Variables define state; member methods; Operations/methods/messages/ methods define behaviour.	March-	
		Classes as abstractions for sets of objects; class as an object factory; primitive data types, composite data types. Variable declarations for both types; difference between the two types.		
		Objects as instances of a class. Consider real life examples for explaining the concept of class and object.		
2	User defined Methods	Need of methods, syntax of methods, forms of methods, method definition, method calling, method overloading, declaration of methods, Ways to define a method, ways to invoke the methods – call by value [with programs] and call by reference [only definition with an example], Object creation - invoking the methods with respect to use of multiple methods with different data members and member methods.	april	3
			to	
			may	
3	String	String and its different function and usage (introduction has been discussed earlier)	June - Aug	4
First semester commences				
4	METHODS	Revision on the topic of: overloading both constructor and function. Exception handling. Wrapper class: String class	september	4
5	Arrays (both single and double dimension)	Sorting and searching	october	4
		array initialising ,use of new , length, and sorting(selection and bubble).Along with searching	november	4
		1.UNIT TEST I-----TILL APRIL PORTION (programming will on functions and out based questions on string no programs) 2. UNIT TEST II---June TILL July 3. FIRST SEMESTER --TILL SEPTEMBER 4. UNIT TEST III-- TILL OCTOBER 5. UNIT TEST IV---NOVEMBER 6.SECOND SEMESTER --WHOLE STD 9 INCLUDING FIRST SEMESER		