

CLASS – 6<sup>th</sup>

<b>CLASSES REQUIRED</b>	8
<b>TOPIC</b>	<b>Introduction to C++</b>
<b>CONCEPT &amp; SKILLS</b>	<p><b>Concept</b></p> <ul style="list-style-type: none"> <li>• Introduction to Computer programming.</li> <li>• Introduction to C++</li> <li>• Sample C++ program</li> <li>• Executing C++ program</li> <li>• C++ Tokens(Variables, Constants, keywords)</li> <li>• Data types(int, float, char, double)</li> </ul> <p><b>Skills.</b> Students will develop programming skills.</p>
<b>LEARNING OUTCOMES</b>	Students will be acquainted with the basics of C++. Students will be able to write basic C++ program & execute it.
<b>INSTRUCTIONAL TOOLS &amp; REFERENCES</b>	Projector. Powerpoint presentation. Reference: <a href="http://www.w3schools.in">www.w3schools.in</a>
<b>PEDAGOGY</b>	<ul style="list-style-type: none"> <li>✓ Teacher will make students understand the basic concept of programming language and the need for it.</li> <li>✓ Teacher will use practical (Learning by doing) method in the lab to make the students understand about the basic C++ syntax.</li> <li>✓ Teacher will also use simple techniques to let the students understand basic programming concepts like “what are variables” what do variables hold” “what is the method to declare a variable and what type of data can a C++</li> </ul>
<b>ACTIVITY / ASSIGNMENT / RESEARCH</b>	Write a C++ program to display text. Write a program to add, subtract, multiply and divide numbers.
<b>ASSESSMENT</b>	Assessment will be done on the basis of practical done in the computer lab. Assessment will also be done on the basis of project using HTML and CSS.
<b>SYLLABUS FOR FORMATIVE &amp; SUMMATIVE</b>	C++