

## SYLLABUS FOR CLASS VI

SR. No.	Subjects	Contents	
SCHOLASTIC SUBJECTS			
1.	Mathematics	<ul style="list-style-type: none"><li>Numbers and Operations (integers, fractions, decimals)</li><li>Geometry (Angles, Triangles, Quadrilaterals)</li><li>Ratio and Proportion</li></ul>	<ul style="list-style-type: none"><li>Algebraic Expressions and Equations</li><li>Data Handling (Graphs, Charts)</li><li>Basic Concepts of Probability</li></ul>
2.	Science	<ul style="list-style-type: none"><li>Cell Structure and Function</li><li>Earth's Atmosphere and Weather Patterns</li><li>Light and Sound Waves</li></ul>	<ul style="list-style-type: none"><li>Basics of Physics (Force, Motion, Energy)</li><li>Chemical Reactions and Equations</li><li>Classification of Living Organisms</li></ul>
3.	SST	<ul style="list-style-type: none"><li>Ecosystems and Biodiversity</li><li>Climate Change and Global Warming</li><li>Environmental Impact Assessment</li></ul>	<ul style="list-style-type: none"><li>Natural Resources and Conservation</li><li>Waste Management and Recycling</li><li>Sustainable Practices and Green Technologies</li></ul>
4.	English	<ul style="list-style-type: none"><li>Reading Comprehension and Critical Analysis</li><li>Grammar (Parts of Speech, Tenses, Active/Passive Voice)</li><li>Literature Appreciation</li></ul>	<ul style="list-style-type: none"><li>Vocabulary Building and Synonyms/Antonyms</li><li>Creative Writing (essays, stories, poems)</li><li>Public Speaking and Debating Skills</li></ul>
5.	Hindi	<ul style="list-style-type: none"><li>संज्ञा और उसके प्रकार</li><li>विशेषण</li><li>काल</li></ul>	<ul style="list-style-type: none"><li>उपसर्ग और प्रत्यय</li><li>संवाद लेखन</li><li>कविता लेखन</li></ul>

**CO-SCHOLASTIC SUBJECTS**

6.	STEM	<ul style="list-style-type: none"><li>• Robotics and Advanced Programming Concepts</li><li>• Electricity and Circuits (advanced concepts)</li><li>• Innovations in Technology</li></ul>	<ul style="list-style-type: none"><li>• Engineering Design and Prototyping</li><li>• Scientific Research and Inquiry</li><li>• Environmental Engineering and Sustainable Solutions</li></ul>
7.	General Knowledge	<ul style="list-style-type: none"><li>• World Geography and Countries</li><li>• Current Affairs for Children</li><li>• Space Exploration and Astronomy</li></ul>	<ul style="list-style-type: none"><li>• Historical Events and Famous Personalities</li><li>• Cultural Diversity and Traditions</li><li>• General Knowledge Questions from Various Fields</li></ul>
8.	Computer	<ul style="list-style-type: none"><li>• Programming Concepts and Languages</li><li>• Advanced Internet Safety and Cybersecurity</li><li>• Introduction to Artificial Intelligence</li></ul>	<ul style="list-style-type: none"><li>• Algorithms, Flowcharts, and Pseudocode</li><li>• Web Development Basics (HTML, CSS)</li><li>• Database Management and SQL</li></ul>
9.	Aptitude & Reasoning	<ul style="list-style-type: none"><li>• Patterns, Series, and Sequences</li><li>• Mathematical Reasoning (word problems, algebraic reasoning)</li><li>• Data Interpretation and Analysis</li></ul>	<ul style="list-style-type: none"><li>• Logical Reasoning (solving complex problems)</li><li>• Critical Thinking and Analytical Skills</li><li>• Problem-solving Strategies</li></ul>