

SYLLABUS FOR CLASS VI

SR. No.	Subjects	Contents	
SCHOLASTIC SUBJECTS			
1.	Mathematics	<ul style="list-style-type: none"> • Numbers and Operations (integers, fractions, decimals) • Geometry (Angles, Triangles, Quadrilaterals) • Ratio and Proportion 	<ul style="list-style-type: none"> • Algebraic Expressions and Equations • Data Handling (Graphs, Charts) • Basic Concepts of Probability
2.	Science	<ul style="list-style-type: none"> • Cell Structure and Function • Earth's Atmosphere and Weather Patterns • Light and Sound Waves 	<ul style="list-style-type: none"> • Basics of Physics (Force, Motion, Energy) • Chemical Reactions and Equations • Classification of Living Organisms
3.	SST	<ul style="list-style-type: none"> • Ecosystems and Biodiversity • Climate Change and Global Warming • Environmental Impact Assessment 	<ul style="list-style-type: none"> • Natural Resources and Conservation • Waste Management and Recycling • Sustainable Practices and Green Technologies
4.	English	<ul style="list-style-type: none"> • Reading Comprehension and Critical Analysis • Grammar (Parts of Speech, Tenses, Active/Passive Voice) • Literature Appreciation 	<ul style="list-style-type: none"> • Vocabulary Building, Adverb & Adjective • Creative Writing (essays, stories, poems) • Public Speaking and Debating Skills
5.	Hindi	<ul style="list-style-type: none"> • अध्याय १ – संज्ञा और उसके प्रकार संज्ञा की पहचान, वर्गीकरण तथा वाक्य में शुद्ध प्रयोग। • अध्याय २ – विशेषण विशेषणों के प्रकार एवं संज्ञा/सर्वनाम के साथ उनके सटीक प्रयोग की समझ। • अध्याय ३ – काल भूत, वर्तमान और भविष्य काल की पहचान तथा वाक्य-आधारित प्रयोग। 	<ul style="list-style-type: none"> • अध्याय ४ – उपसर्ग और प्रत्यय उपसर्ग-प्रत्यय द्वारा शब्द-निर्माण और अर्थ-विस्तार। • अध्याय ५ – शब्दों का सही वाक्य प्रयोग शब्दों के उपयुक्त चयन से शुद्ध, स्पष्ट और प्रभावी वाक्य-निर्माण। • अध्याय ६ – समान शब्दों का अंतर समरूपी भिन्नार्थक शब्दों के अर्थगत अंतर और संदर्भानुसार प्रयोग।
CO-SCHOLASTIC SUBJECTS			
6.	STEM	<ul style="list-style-type: none"> • Robotics and Advanced Programming Concepts • Electricity and Circuits (advanced concepts) • Innovations in Technology 	<ul style="list-style-type: none"> • Engineering Design and Prototyping • Scientific Research and Inquiry • Environmental Engineering and Sustainable Solutions
7.	General Knowledge	<ul style="list-style-type: none"> • World Geography and Countries • Current Affairs for Children • Space Exploration and Astronomy 	<ul style="list-style-type: none"> • Historical Events and Famous Personalities • Cultural Diversity and Traditions • General Knowledge Questions from Various Fields
8.	Computer	<ul style="list-style-type: none"> • Programming Concepts and Languages • Advanced Internet Safety and Cybersecurity • Introduction to Artificial Intelligence 	<ul style="list-style-type: none"> • Algorithms, Flowcharts, and Pseudocode • Web Development Basics (HTML, CSS) • Database Management and SQL
9.	Aptitude & Reasoning	<ul style="list-style-type: none"> • Patterns, Series, and Sequences • Mathematical Reasoning (word problems, algebraic reasoning) • Data Interpretation and Analysis 	<ul style="list-style-type: none"> • Logical Reasoning (solving complex problems) • Critical Thinking and Analytical Skills • Problem-solving Strategies