

## SYLLABUS FOR CLASS V

SR. No.	Subjects	Contents	
SCHOLASTIC SUBJECTS			
1.	Mathematics	<ul style="list-style-type: none"><li>Numbers up to 100,000 and Number Patterns</li><li>Fractions, Decimals, and Percentages</li><li>Measurement (Area, Perimeter)</li></ul>	<ul style="list-style-type: none"><li>Operations (Addition, Subtraction, Multiplication, Division)</li><li>Geometry (Polygons, Circles, Volume)</li><li>Data Handling and Probability</li></ul>
2.	Science	<ul style="list-style-type: none"><li>Human Anatomy and Physiology</li><li>Chemical Changes and Reactions</li><li>Energy and Conservation</li></ul>	<ul style="list-style-type: none"><li>Ecosystems and Interdependence</li><li>Earth's Structure and Plate Tectonics</li><li>Introduction to Genetics and Heredity</li></ul>
3.	SST	<ul style="list-style-type: none"><li>Biodiversity and Conservation</li><li>Waste Management and Recycling</li><li>Renewable Energy Sources</li></ul>	<ul style="list-style-type: none"><li>Climate Change and Global Warming</li><li>Natural Disasters and Disaster Management</li><li>Environmental Impact Assessment and Sustainable Practices</li></ul>
4.	English	<ul style="list-style-type: none"><li>Reading Comprehension and Critical Analysis</li><li>Grammar (Advanced Parts of Speech, Tenses)</li><li>Comprehension of Longer Texts</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 Debate Skills</li></ul>
5.	Hindi	<ul style="list-style-type: none"><li>विभक्ति</li><li>काव्यात्मक रचनाएँ</li><li>संधि और समास</li></ul>	<ul style="list-style-type: none"><li>पत्र लेखन</li><li>रूपक और अलंकार</li><li>कहानी लेखन</li></ul>
CO-SCHOLASTIC SUBJECTS			
6.	STEM	<ul style="list-style-type: none"><li>Robotics and Advanced Programming Concepts</li><li>Advanced Concepts of Simple and Compound Machines</li><li>Scientific Research and Inquiry Solutions</li></ul>	<ul style="list-style-type: none"><li>Engineering Design and Prototyping</li><li>Electricity and Circuits (building circuits)</li><li>Environmental Engineering and Sustainable</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>Advanced Concepts of Computer Programming</li><li>Introduction to Artificial Intelligence</li><li>Database Management</li></ul>	<ul style="list-style-type: none"><li>Algorithms and Flowcharts</li><li>Cybersecurity and Ethical Hacking</li><li>Internet of Things (IoT) Basics</li></ul>
9.	Aptitude & Reasoning	<ul style="list-style-type: none"><li>Advanced Patterns, Series, and Sequences</li><li>Mathematical Reasoning (word problems)</li><li>Data Interpretation and Analysis</li></ul>	<ul style="list-style-type: none"><li>Logical Reasoning (solving complex puzzles)</li><li>Analytical and Critical Thinking</li><li>Problem-solving Strategies</li></ul>