

## SYLLABUS FOR CLASS IV

SR. No.	Subjects	Contents	
SCHOLASTIC SUBJECTS			
1.	Mathematics	<ul style="list-style-type: none"><li>Numbers up to 10,000 and Number Patterns</li><li>Fractions and Decimals</li><li>Measurement (Length, Weight, Volume, Time)</li></ul>	<ul style="list-style-type: none"><li>Addition, Subtraction, Multiplication, and Division</li><li>Geometry (Shapes, Angles, Symmetry)</li><li>Problem-solving with Multiple Operations</li></ul>
2.	Science	<ul style="list-style-type: none"><li>Human Body Systems and Functions</li><li>States of Matter (Solid, Liquid, Gas)</li><li>Sound and Light Waves</li></ul>	<ul style="list-style-type: none"><li>Animal Behavior and Adaptations</li><li>Earth's Resources (Renewable and Non renewable)</li><li>Simple Machines and their Applications</li></ul>
3.	SST	<ul style="list-style-type: none"><li>Ecosystems and Biodiversity</li><li>Weather Patterns and Climate Change</li><li>Environmental Impact Assessment</li></ul>	<ul style="list-style-type: none"><li>Conservation of Natural Resources</li><li>Earth's Atmosphere and Oceans</li><li>Sustainable Practices and Eco-friendly Living</li></ul>
4.	English	<ul style="list-style-type: none"><li>Reading Comprehension and Critical Analysis</li><li>Grammar (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>Effective Communication Skills</li></ul>
5.	Hindi	<ul style="list-style-type: none"><li>संज्ञा</li><li>सर्वनाम</li><li>क्रिया</li></ul>	<ul style="list-style-type: none"><li>वचन</li><li>वृत्तांत लेखन</li><li>समानार्थक और विपरीत शब्द</li></ul>

**CO-SCHOLASTIC SUBJECTS**

6.	STEM	<ul style="list-style-type: none"><li>• Robotics and Programming Basics</li><li>• Engineering Design Challenges</li><li>• Scientific Inquiry and Experimental Design</li></ul>	<ul style="list-style-type: none"><li>• Advanced Concepts of Simple and Compound Machines</li><li>• Electricity and Circuits (building circuits)</li><li>• Introduction to Environmental Engineering</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 Celestial Bodies</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 Hardware and Software</li><li>• Introduction to Algorithms and Flowcharts</li><li>• Spreadsheets and Data Analysis</li></ul>	<ul style="list-style-type: none"><li>• Programming Concepts (conditional statements, loops)</li><li>• Internet Safety and Cybersecurity</li><li>• Understanding Networks and Connectivity</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</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>