

SYLLABUS FOR CLASS V

SR. No.	Subjects	Contents	
SCHOLASTIC SUBJECTS			
1.	Mathematics	<ul style="list-style-type: none"> • Numbers up to 100,000 and Number Patterns • Fractions, Decimals, and Percentages • Measurement (Area, Perimeter) 	<ul style="list-style-type: none"> • Operations (Addition, Subtraction, Multiplication, Division) • Geometry (Polygons, Circles, Volume) • Data Handling and Probability
2.	Science	<ul style="list-style-type: none"> • Human Anatomy and Physiology • Chemical Changes and Reactions • Energy and Conservation 	<ul style="list-style-type: none"> • Ecosystems and Interdependence • Earth's Structure and Plate Tectonics • Introduction to Genetics and Heredity
3.	SST	<ul style="list-style-type: none"> • Biodiversity and Conservation • Waste Management and Recycling • Renewable Energy Sources 	<ul style="list-style-type: none"> • Climate Change and Global Warming • Natural Disasters and Disaster Management • Environmental Impact Assessment and Sustainable Practices
4.	English	<ul style="list-style-type: none"> • Comprehension • Vocabulary Building, Adverb & Adjective • Active/Passive Voice 	<ul style="list-style-type: none"> • Reported Speech • Articles & Modals • Punctuation & Error Finding
5.	Hindi	<ul style="list-style-type: none"> • अध्याय १ – विभक्ति विभक्तिवक्त्यों की पहचान एवं वाक्य में शुद्ध प्रयोग। • अध्याय २ – काव्यात्मक रचनाएं काव्य पाठ के माध्यम से भाव-बोध और भाषा-सौंदर्य की समझ। • अध्याय ३ – संधि और समास संधि एवं समास की मूल अवधारणाओं द्वारा शब्द-रचना की समझ। 	<ul style="list-style-type: none"> • अध्याय ४ – तत्सम एवं तद्धम शब्द तत्सम और तद्धम शब्दों की पहचान तथा उपयुक्त प्रयोग। • अध्याय ५ – रूप और अलंकार रूप और अलंकार द्वारा काव्यात्मक अभिव्यक्ति का विकास। • अध्याय ६ – अपठित गद्यांश एवं पद्यांश अपठित गद्य एवं पद्य के माध्यम से पठन-बोध एवं विश्लेषण क्षमता।
CO-SCHOLASTIC SUBJECTS			
6.	STEM	<ul style="list-style-type: none"> • Robotics and Advanced Programming Concepts • Advanced Concepts of Simple and Compound Machines • Scientific Research and Inquiry Solutions 	<ul style="list-style-type: none"> • Engineering Design and Prototyping • Electricity and Circuits (building circuits) • Environmental Engineering and Sustainable
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"> • Advanced Concepts of Computer Programming • Introduction to Artificial Intelligence • Database Management 	<ul style="list-style-type: none"> • Algorithms and Flowcharts • Cybersecurity and Ethical Hacking • Internet of Things (IoT) Basics
9.	Aptitude & Reasoning	<ul style="list-style-type: none"> • Advanced Patterns, Series, and Sequences • Mathematical Reasoning (word problems) • Data Interpretation and Analysis 	<ul style="list-style-type: none"> • Logical Reasoning (solving complex puzzles) • Analytical and Critical Thinking • Problem-solving Strategies