

SYLLABUS FOR CLASS IV

SR. No.	Subjects	Contents	
SCHOLASTIC SUBJECTS			
1.	Mathematics	<ul style="list-style-type: none"> • Numbers up to 10,000 and Number Patterns • Fractions and Decimals • Measurement (Length, Weight, Volume, Time) 	<ul style="list-style-type: none"> • Addition, Subtraction, Multiplication, and Division • Geometry (Shapes, Angles, Symmetry) • Problem-solving with Multiple Operations
2.	Science	<ul style="list-style-type: none"> • Human Body Systems and Functions • States of Matter (Solid, Liquid, Gas) • Sound and Light Waves 	<ul style="list-style-type: none"> • Animal Behavior and Adaptations • Earth's Resources (Renewable and Non renewable) • Simple Machines and their Applications
3.	SST	<ul style="list-style-type: none"> • Ecosystems and Biodiversity • Weather Patterns and Climate Change • Environmental Impact Assessment 	<ul style="list-style-type: none"> • Conservation of Natural Resources • Earth's Atmosphere and Oceans • Sustainable Practices and Eco-friendly Living
4.	English	<ul style="list-style-type: none"> • Comprehension • Synonyms and Antonyms • Nouns and Pronouns 	<ul style="list-style-type: none"> • Verbs and Tenses • Adverbs and Adjectives • Prepositions and Conjunctions
5.	Hindi	<ul style="list-style-type: none"> • अध्याय १ – संज्ञा संज्ञा की पहचान और वाक्य में शुद्ध प्रयोग। • अध्याय २ – सर्वनाम सर्वनामों की पहचान तथा संज्ञा के स्थान पर उनका उचित प्रयोग। • अध्याय ३ – क्रिया क्रिया की पहचान और वाक्य में उसके सही प्रयोग की समझ। 	<ul style="list-style-type: none"> • अध्याय ४ – वचन एकवचन और बहुवचन की पहचान एवं प्रयोग। • अध्याय ५ – उपसर्ग एवं प्रत्यय प्रत्यय और उपसर्ग द्वारा शब्द-निर्माण की प्रारंभिक समझ। • अध्याय ६ – समानार्थक एवं विपरीत शब्द समानार्थक और विपरीत शब्दों की पहचान एवं सही प्रयोग।
CO-SCHOLASTIC SUBJECTS			
6.	STEM	<ul style="list-style-type: none"> • Robotics and Programming Basics • Engineering Design Challenges • Scientific Inquiry and Experimental Design 	<ul style="list-style-type: none"> • Advanced Concepts of Simple and Compound Machines • Electricity and Circuits (building circuits) • Introduction to Environmental Engineering
7.	General Knowledge	<ul style="list-style-type: none"> • World Geography and Countries • Current Affairs for Children • Space Exploration and Celestial Bodies 	<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 Hardware and Software • Introduction to Algorithms and Flowcharts • Spreadsheets and Data Analysis 	<ul style="list-style-type: none"> • Programming Concepts (conditional statements, loops) • Internet Safety and Cybersecurity • Understanding Networks and Connectivity
9.	Aptitude & Reasoning	<ul style="list-style-type: none"> • Advanced Patterns, Series, and Sequences • Mathematical Reasoning (word problems) • Data Interpretation 	<ul style="list-style-type: none"> • Logical Reasoning (solving complex puzzles) • Analytical and Critical Thinking • Problem-solving Strategies