

SYLLABUS FOR CLASS VIII

SR. No.	Subjects	Contents
SCHOLASTIC SUBJECTS		
1.	Mathematics	<ul style="list-style-type: none"> • Number Systems (Rational, Irrational, Real Numbers) • Geometry (Triangles, Quadrilaterals, Circles) • Linear Equations and Inequalities
2.	Science	<ul style="list-style-type: none"> • Algebraic Expressions and Equations • Data Handling (Statistics, Probability) • Quadratic Equations and Polynomials
3.	SST	<ul style="list-style-type: none"> • Cell Biology and Genetics • Chemistry - Elements, Compounds, and Chemical Reactions • Astronomy - Solar System, Stars, and Galaxies
4.	English	<ul style="list-style-type: none"> • Physics - Motion, Forces, and Energy • Earth Science - Geology, Weathering, and Erosion • Environmental Science - Pollution, Conservation, and Sustainability
5.	Hindi	<ul style="list-style-type: none"> • Ecosystems and Biodiversity Conservation • Environmental Pollution and Solutions • Waste Management and Recycling
6.	STEM	<ul style="list-style-type: none"> • Reading Comprehension and Critical Analysis • Grammar (Advanced Parts of Speech, Tenses, Voice) • Literature Analysis and Appreciation
7.	General Knowledge	<ul style="list-style-type: none"> • वाक्य विचार • संधि एवं समास • उपसर्ग एवं प्रत्यय
8.	Computer	<ul style="list-style-type: none"> • मुहावरे एवं लोकोक्तिर्यौ • अपठित गद्यांश • अपठित पद्यांश
CO-SCHOLASTIC SUBJECTS		
6.	STEM	<ul style="list-style-type: none"> • Robotics and Advanced Programming Concepts • Electricity and Circuits (advanced concepts) • Innovations in Technology
7.	General Knowledge	<ul style="list-style-type: none"> • Engineering Design and Prototyping • Scientific Research and Experimental Design • Environmental Engineering and Sustainable Solutions
8.	Computer	<ul style="list-style-type: none"> • World Geography, Countries, and Capitals • Current Affairs for Children • Space Exploration and Astronomy
9.	Aptitude & Reasoning	<ul style="list-style-type: none"> • Programming Concepts (Advanced programming language) • Cybersecurity and Encryption • Introduction to Machine Learning
9.	Aptitude & Reasoning	<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"> • Data Structures and Algorithms • Web Development (HTML, CSS, JavaScript, Backend Basics) • Database Management and SQL
9.	Aptitude & Reasoning	<ul style="list-style-type: none"> • Patterns, Series, and Sequences • Mathematical Reasoning (algebraic reasoning, word problems) • Data Interpretation and Analysis
9.	Aptitude & Reasoning	<ul style="list-style-type: none"> • Logical Reasoning (complex puzzles, deductive reasoning) • Critical Thinking and Analytical Skills • Problem-solving Strategies