

SYLLABUS			FAST CALCULATIONS
Group	Class Level	Main Focus	Topics Covered
G-1	Classes 1–2	Basic Arithmetic & Counting	<ul style="list-style-type: none"> - Addition & subtraction (2-digit) - Multiplication as repeated addition - Division as equal sharing - Counting sides/lines in shapes - Comparing quantities (max/min) - Simple cost/unit price sums - Doubling numbers
G-2	Classes 3–4	Applied Arithmetic & Fractions	<ul style="list-style-type: none"> - Division (\div facts, 2-digit \div 1-digit) - Multiplication in word problems - Addition & subtraction (2–3 digit) - Comparing fractions ($>$, $<$, $=$) - Word problems on money & unitary method - Speed–time–distance basics - Weight conversions (g \leftrightarrow kg) - Time duration problems
G-3	Classes 5–6	Multiplication Tricks, Squares & Decimals	<ul style="list-style-type: none"> - Multiplication of 2–3 digit numbers - Squares of numbers (up to 2-digit) - Cubes (up to 12^3) - Fractions of numbers ($\frac{1}{4}$, $\frac{1}{2}$, etc.) - Division by special numbers ($1001 \div 7$) - Squares of decimals (2.5×2.5) - Multiplication with decimals (0.75×200) - Number patterns (111×11, $25^2 - 20^2$) - Mixed arithmetic
G-4	Classes 7–8	Larger Numbers & Special Multiplication	<ul style="list-style-type: none"> - Large multiplications (125×16, 18×22) - Squares of bigger numbers (45^2) - Cubes up to 20 (15^3) - Special cases (999×999) - Division with large numbers ($1111 \div 11$) - Decimals in calculations ($2.5^2 + 1.5^2$) - Multi-step simplifications ($600 \div 15 \times 8$)
G-5	Classes 9–10	Advanced Arithmetic Shortcuts & Percentages	<ul style="list-style-type: none"> - Division tricks ($1111 \div 101$) - Difference of squares type ($50^2 - 49^2$) - Percentage problems (12% of a number) - Comparing % values - Large simplifications ($9999 \div 9 + 1111 \div 11$) - Base-number multiplication (101×99) - Mixed operations [$(25 \times 16) + (50 \div 2)$] - Unitary method ($\text{₹}600 \div \text{₹}12$ per mango) - Arithmetic with decimals ($2.5 \times 24 + 0.5 \times 48$) - Simplifications with large numbers [$(333 \times 3) + (111 \times 9)$]

SYLLABUS			GENERAL KNOWLEDGE
Group	Class Level	Main Focus	Topics Covered
G-1	Classes 1–2	GK	National Days & Festivals
			Important Personalities
			Recent Events
			Basic Science Facts
			Colours & Nature
			Animals & Insects
			Easy Space & World Events
G-2	Classes 3–4	GK	National Symbols
			Famous People in Sports & Science
			Basic Space & Planetary Knowledge
			Everyday Science Facts
			Indian Geography & Judiciary
G-3	Classes 5–6	GK	Sports Terms
			World Geography
			Countries & Landmarks
			Indian Leaders & Freedom Fighters
			Current National & International Events
G-4	Classes 7–8	GK	Human Body Basics
			Currencies, Great Scientists & Leaders
			International Organizations
			Indian Economy & Governance
			National Initiatives
			Judiciary & Leaders
G-5	Classes 9–10	GK	Sports Achievers
			Awards & Cinema
			Science Discoveries
			International Institutions
			Governance & Policies
			Reforms in Education
G-5	Classes 9–10	GK	Global Tests & Rankings
			Leaders & Slogans
			Upcoming Events (Olympics, summits)

SYLLABUS			CIVIC SENSE & VALUES
Group	Class Level	Main Focus	Topics Covered
G-1	Classes 1–2	Basic Civic Sense and Personal Safety	<ul style="list-style-type: none"> - Road safety (zebra crossing, red light) - Speaking politely to elders - Listening to others - Stranger safety ("no-go-tell" rule) - Helping a crying friend
G-2	Classes 3–4	Essential Social and Ethical Skills	<ul style="list-style-type: none"> - Good manners (table manners, school assembly) - Respect for elders/teachers - Honesty (admitting mistakes, returning lost money) - Helping friends (when they fall) - Apologizing for mistakes
G-3	Classes 5–6	Civic Sense and Safety	<ul style="list-style-type: none"> - Respect for National Anthem & Symbols (Noble Citizenship) - Helping others (Empathy) - Emergency Practices (Police 100, Fire 101) - Safety during natural calamities - Cybercrime (Hacking & Fraud Awareness)
G-4	Classes 7–8	Civic Values and Social Etiquettes	<ul style="list-style-type: none"> - Fundamental duties & rights - Unity in Diversity - Teamwork & cooperation - Digital etiquette (online manners) - Handling bullying - Queue discipline - Moral Values & Corruption awareness
G-5	Classes 9–10	Social & Personal Conduct	<ul style="list-style-type: none"> - Conversation etiquette - Gender equality - Empathy & listening - Mental health - Faith & respect for God - Environmental & civic sense (pollution, water conservation) - Qualities of a responsible citizen - Knowledge vs Wisdom

SYLLABUS			COMPUTER & AI
Group	Class Level	Main Focus	Topics Covered
G-1	Classes 1–2	Computer Science and Artificial Intelligence (AI) Fundamentals	<ul style="list-style-type: none"> - Computer parts (CPU, Monitor) - Virtual assistants (Alexa, Siri & Others) - Hardware vs. Software (Monitor, Windows 11) - AI Definition & Information
G-2	Classes 3–4	Basic Computer and AI Concepts	<ul style="list-style-type: none"> - Computer parts (CPU) - AI tools (Alexa, Google Search) - Smart machines (computer) - Health effects of computer use (eye strain) - Can a computer do calculations?
G-3	Classes 5–6	Computer & AI Concepts with Cybersecurity	<ul style="list-style-type: none"> - Computer memory units (KB, MB, TB, PB) - Software (MS Word, MS Excel, MS PowerPoint) - Binary language (0 and 1) - AI tools (ChatGPT) - Cybercrime (hacking) - Indian-origin CEOs (Example: Sundar Pichai)
G-4	Classes 7–8	Advanced Computer Science and AI Concepts	<ul style="list-style-type: none"> - Networks (LAN, WAN, MAN) - AI applications (self-driving cars, healthcare robots) - Storage devices (SSD, cloud storage) - Data units (bit, byte) - Operating systems (Windows, Linux) - Blockchain & cryptocurrency - Internet basics (URL full form)
G-5	Classes 9–10	Advanced Computer Science and AI Concepts	<ul style="list-style-type: none"> - Cloud computing basics - Machine Learning (weather prediction) - Cybersecurity regulator (CERT-In) - Devices (Sound Card / Audio Interface) - Storage speed (SSD fastest) - Digital footprint - AI milestones (Deep Blue vs Kasparov) - Windows OS history (Windows 95)