

School Plus+ Olympiad & Foundation – Class IX

Master Fundamentals · Build Confidence · Excel Ahead

About the Course

The Class IX CBSE/ICSE Foundation Program is specially designed for students preparing to score 90–95%+ in school exams and to build a solid conceptual base for Class X and future competitive exams (JEE/NEET/Olympiads).

It is a structured, results-oriented program that focuses on concept clarity, logical reasoning, problem-solving skills, and exam-time confidence.

The course covers Mathematics and Science (Physics, Chemistry, Biology) with continuous assessments, doubt-clearing sessions, and mentoring to ensure every student progresses smoothly and consistently.

Objectives to Achieve

- **For Students:** Master fundamentals, develop curiosity and clarity, strengthen problem-solving ability, and build confidence to tackle any school or competitive-level question.
- **For Parents:** Receive structured academic support, regular progress updates, and assurance that your child is on the path to academic excellence and future readiness.

By course completion, students will gain complete command over their syllabus, score consistently high marks in school exams, and develop the study discipline, conceptual depth, and exam strategy required for long-term success.

SYLLABUS – IX CBSE (Mathematics)

Unit	Chapters	Key Topics / Focus Areas
1	Number Systems	Rational & Irrational numbers, representation on number line, laws of exponents
2	Polynomials	Degree, zeros, factorization, identity applications
3	Coordinate Geometry	Cartesian plane, plotting points, distance formula
4	Linear Equations in Two Variables	Graphical method, solutions, applications
5	Introduction to Euclid's Geometry	Postulates and axioms approach to geometry
6	Lines and Angles	Parallel lines, angles relations, theorems & proofs
7	Triangles	Congruence criteria, inequalities, Pythagoras theorem
8	Quadrilaterals	Properties of parallelograms & special quadrilaterals
9	Areas of Parallelograms and Triangles	Area relations, theorems, applications

10	Circles	Tangent properties, chords, angles in circles
11	Heron's Formula	Application to triangular areas
12	Surface Areas and Volumes	Cuboid, cube, cylinder, cone, sphere, combinations
13	Statistics	Data representation, mean, median, mode
14	Probability	Simple events & empirical probability approach

SYLLABUS – IX CBSE (Science)

Unit	CHAPTERS	Key Topics / Focus Areas
1	Matter in Our Surroundings	States of matter, interconversion, latent heat, temperature
2	Is Matter Around Us Pure?	Mixtures, solutions, compounds, separation methods
3	Atoms and Molecules	Laws of chemical combination, atomic mass, formula writing
4	Structure of the Atom	Electrons, protons, neutrons, models of atom, valency
5	The Fundamental Unit of Life	Cell structure, organelles, functions
6	Tissues	Plant and animal tissues, structure and function
7	Motion	Distance, displacement, speed, velocity, acceleration, graphs
8	Force and Laws of Motion	Newton's laws, inertia, momentum, applications
9	Gravitation	Universal law, free fall, mass vs weight, buoyancy
10	Work and Energy	Work, power, energy forms & conservation
11	Sound	Nature, speed, reflection, echo, applications
12	Why Do We Fall Ill?	Health, diseases, prevention, immunity
13	Natural Resources	Air, water, soil, biodiversity, conservation
14	Improvement in Food Resources	Crop production, management, animal husbandry

Transformation on Course Completion

Students will gain deep understanding of key concepts in Mathematics and Science, develop logical and analytical thinking, and confidently handle application-based school questions.

Parents will see consistent academic growth, improved study discipline, and readiness for Class X and beyond.

Learners emerge conceptually strong, confident, and exam-ready – a complete transformation from learning to mastery.

Classroom Program (IX, CBSE + Olympiad + IIT Foundation)

	MON	TUE	WED	THU	FRI	SAT
Class Timings:	6 – 7:30 PM	6 – 7:30 PM	4 – 7 PM	6 – 7:30 PM	6 – 7:30 PM	4 – 7 PM
Objective	Maths	Science (B/P)	Olympiad	Maths	Science (C/P)	IIT Foundation

Additional Support

The program offers revision classes, detailed study material (DPP), guidance on exam temperament, time management, and self-discipline, along with mentorship to monitor progress and motivate consistent learning habits.

- ✓ Revision classes before school exams to reinforce concepts.
- ✓ Guidance on exam temperament, time management, and self-discipline.
- ✓ Mentorship to monitor progress and encourage consistent learning.
- ✓ Mini – Library of top Books.
- ✓ Mathsarc Test Series on Every 21 days.
- ✓ Doubts Sessions on Sunday (Extra Classes).

Mentor & Credentials

The program is led by **highly experienced educators**:

- **Ramesh Chandra**, B.Tech, IIT Kanpur, with over **15 years of teaching Math & Physics**.
- **Aarti Gupta**, Senior Professor, Expert in **Mathematics**.
- **Jayant Randive**, Senior NEET Professor, specializing in **Biology**.
- **Nachiket Sir**, Senior JEE Main/Advanced trainer, expert in **Chemistry**.

Their combined expertise ensures students gain **concept clarity, expert guidance, and competitive-exam readiness** from day one, providing a strong foundation for **95%+ board scores** and beyond.

Result Promise

Students will build a solid base for academic success, targeting high school marks and future competitive exams. Parents will have clear visibility into progress and reassurance of strong growth. Aim: 90-95%+ performance in Class IX & readiness for Class X.

Regards

Ramesh Chandra B.Tech IIT Kanpur

Mathsarc Education LLP

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THANKS!



Keep smiling!

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