



ICSE

CLASS 6

MATHEMATICS

Class 6 Mathematics

ICSE middle school curriculum fostering numerical competence, integer arithmetic, set theory fundamentals, ratio unitary methods, algebraic expressions, and geometric constructions.

GOVERNING BOARD
ICSE

THEORY EXAMINATION
80 Marks

INTERNAL / PRACTICAL
20 Marks

EXAM DURATION
2½ Hours

UNIT-WISE SYLLABUS & MARKS BREAKDOWN

UNIT	CHAPTERS & PRESCRIBED TOPICS	MARKS
Theme 1	Number System Large numbers, integers on number line, prime factorisation, HCF and LCM, fractions, decimals, sets and Venn diagrams	20
Theme 2	Ratio and Proportion Ratio, proportion, unitary method, real-life direct proportion applications, percentages	12
Theme 3	Algebra Variables, constants, algebraic expressions, linear equations in one variable	12
Theme 4	Geometry Lines, angles, triangles, quadrilaterals, circles, compass and ruler constructions (60°, 90°, 120°)	18
Theme 5	Mensuration Perimeter of rectilinear figures, area of rectangles and squares in standard units	10
Theme 6	Data Handling Collection of data, frequency tally marks, pictographs, horizontal and vertical bar graphs	08

INTERNAL / PRACTICAL ASSESSMENT SCHEME (20 MARKS)

EVALUATION COMPONENT	MARKS WEIGHTAGE
Term Written Tests School-conducted mid-term and final examinations	10 Marks
Math Lab Portfolio Mental mathematics, geometry kit assignments, notebook	10 Marks

RECOMMENDED REFERENCE LITERATURE

Prescribed Textbooks: Concise Mathematics Class 6 (Selina), Essential ICSE Mathematics (Das Gupta), Excellence Foundational Problem Sets

Every unit in this curriculum is taught with structured conceptual lectures, followed by weekly speed-testing, detailed mistake analysis, and dedicated 1:1 doubt-clearing sessions to build board exam confidence.

Excellence Tuition Centres: Sarsuna (Opp. High School) · Joka · Chatterjee Para (Behala)

Admissions & Inquiries: +91 89022 70803 · excellence-tuition.vercel.app