



CBSE · CLASS 6

Mathematics (Ganita Prakash)

Aligned with the new NCF-SE NCERT textbook 'Ganita Prakash'. Cultivates numerical fluency, geometric spatial intuition, symmetry, and foundational algebraic concepts.

Board: Central Board of Secondary Education (NCF-SE)

Theory: 80 Marks

Internal/Practical: 20 Marks

Exam Duration: 2½ Hours

UNIT-WISE SYLLABUS & MARKS BREAKDOWN

UNIT	CHAPTERS & PRESCRIBED TOPICS	MARKS
Theme 1	Patterns in Mathematics Number patterns, geometric shapes, visual arithmetic, sequences	10
Theme 2	Lines and Angles Point, line segment, ray, parallel and intersecting lines, types of angles (acute, right, obtuse)	12
Theme 3	Number Play & Integers Positive & negative numbers, representation on number line, integer arithmetic, prime & composite numbers, LCM & HCF	18
Theme 4	Data Handling & Representation Tally marks, pictographs, bar graphs, interpreting collected data	10
Theme 5	Fractions and Decimals Proper, improper, mixed fractions, decimal representation, conversion and basic arithmetic	16
Theme 6	Perimeter and Area Concept of perimeter of rectangles, squares, polygons; introduction to area using grid squares	14

INTERNAL / PRACTICAL ASSESSMENT SCHEME (20 MARKS)

EVALUATION COMPONENT	MARKS WEIGHTAGE
Periodic Math Assessments Pen-paper unit evaluations, mental math drills	10 Marks
Math Lab Activities Grid paper activities, geometry kit practice, portfolio	10 Marks

RECOMMENDED REFERENCE LITERATURE

Prescribed Textbooks: NCERT Ganita Prakash (Class 6 Mathematics, New Edition), Excellence Foundational Problem Sets

The Excellence Tuition Edge

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