



CBSE · CLASS 6

Science (Curiosity)

Aligned with the new NCF-SE 2023 / NEP 2020 syllabus and NCERT textbook 'Curiosity'. Focuses on inquiry-driven observation of the natural world, living systems, matter, and forces.

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
Chapter 1	The Wonderful World of Science Introduction to scientific thinking, observation, questioning, and simple experiments	06
Chapter 2	Diversity in the Living World Plants, animals, habitats, adaptations, and classification basics	08
Chapter 3	Mindful Eating: Path to a Healthy Body Food components, nutrients (carbohydrates, fats, proteins, vitamins), balanced diet, deficiency diseases	08
Chapter 4	Exploring Magnets Magnetic and non-magnetic materials, poles of magnet, attraction & repulsion, compass	06
Chapter 5	Measurement of Length and Motion Standard units of measurement (SI units), rectilinear, circular, and periodic motion	08
Chapter 6	Materials Around Us Grouping materials based on appearance, hardness, solubility, transparency, and density	08
Chapter 7	Temperature and its Measurement Clinical and laboratory thermometers, temperature scales (°C and °F), heat conduction	06
Chapter 8	A Journey through States of Water Evaporation, condensation, precipitation, water cycle, conservation of water	06
Chapter 9	Methods of Separation in Everyday Life Handpicking, threshing, winnowing, sieving, sedimentation, decantation, filtration	08
Chapter 10	Living Creatures: Exploring Characteristics Cellular structure, respiration, response to stimuli, excretion, reproduction in living beings	08

UNIT	CHAPTERS & PRESCRIBED TOPICS	MARKS
Chapter 11	Nature's Treasures Forests, minerals, air, water, soil resources and their sustainable usage	04
Chapter 12	Beyond Earth The solar system, stars, constellations, Earth's revolution, seasons, and day/night	04

INTERNAL / PRACTICAL ASSESSMENT SCHEME (20 MARKS)

EVALUATION COMPONENT	MARKS WEIGHTAGE
Formative Assessments & Quizzes Observation worksheets, science experiments, chapter quizzes	10 Marks
Science Journal & Portfolio Lab notebook, leaf/soil collection, model making	10 Marks

RECOMMENDED REFERENCE LITERATURE

Prescribed Textbooks: NCERT Curiosity (Class 6 Science, New Edition 2024–25), Excellence Science Foundation Sheets

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.