



NSMC 2026

Where Curiosity meets Competition

Media Partner

THE HINDU
IN SCHOOLS



NSMC 2026 - Syllabus Class 5



Science

- **States of Matter:** States of matter, change of states, water cycle, states of water, water sources, evaporation and boiling, condensation, precipitation, melting and cooling, depletion of water, air and its properties
- **Space Science:** Solar system, planets, Earth, Moon, other celestial bodies, space missions, satellites, monsoon
- **Flowering and Fruiting:** Different types of seeds, seed dispersal, types of fruits, pollination, fertilization
- **Diversity:** Living organisms, grouping of animals and plants, types of habitats, food chain and food web
- **Energy Sources:** Natural sources of energy, renewable and non-renewable energy, fossil fuels, solar energy
- **Direction Senses:** Geographical directions, magnetic compass

Mathematics

- **Lines and Circles:** Straight lines, parts of circles, patterns
- **Numbers:** Place values, comparing numbers, ascending and descending order, forming the smallest and largest numbers with given digits, number patterns and sequences
- **Multiplication:** Multiplication tables, multiplication tables of 11, 12, 15 and 20, multiplying by 10, 100, and 1000, multiplying a 2-digit number by a 2-digit number, multiplication in real-life contexts
- **Division:** Relationship between multiplication and division, long division, dividing by 10, 100, 1000, quotient and remainder, word problems on division
- **Fractions:** Concept of a 'part of a whole' through paper folding and shading, numerator and denominator, halves, quarters, thirds - visual representation, like fractions and unlike fractions, simple word problems on fractions
- **Time Systems:** Reading time on analogue and digital clocks, units and conversions, 12-hour clock and 24-hour clock, finding time elapsed between two events, days, weeks, months, and year, word problems involving time
- **Calendar:** Days of the week and months of the year (revision), number of days in each month, dates, days, weeks, leap year, calculating days between two dates, word problems using calendar

Mental Ability (MAT)

- **Verbal Reasoning:** Number series, letter series, number analogy, letter analogy, verbal analogy, number classification, letter classification, verbal classification, coding and decoding, alphabet test, clock, blood relations, direction sense
- **Non-Verbal Reasoning:** Series, analogy, classification, incomplete figures, mirror images, water images, embedded figures, missing characters

