

Sainik School Class 9 Syllabus (PDF): Complete Topic-wise Guide

Sainik School Class 9 Marking Scheme & Exam Pattern

Before diving directly into the chapter lists, it is crucial to understand the structural layout of the test. The **Sainik School Exam Pattern** for Class 9 remains highly objective but carries a significant weightage for critical core subjects.

- **Mode of Exam:** Offline (Pen and Paper, OMR-based)
- **Medium of Exam:** English Only (Note: Unlike Class 6, the Class 9 exam does not offer regional language or Hindi options)
- **Total Number of Questions:** 150
- **Total Marks:** 400 Marks
- **Test Duration:** 3 Hours (180 Minutes)

Here is the structured layout of the **Sainik School Marking Scheme** and **Sainik School Entrance Exam Subjects**:

Subject	Number of Questions	Marks Per Correct Answer	Total Marks
Mathematics	50	4	200
Intelligence (Reasoning)	25	2	50
English	25	2	50
General Science	25	2	50
Social Science	25	2	50
Total	150 Questions		400 Marks

Crucial Advantage: There is **no negative marking** for incorrect or unattempted responses in the AISSEE. This encourages students to confidently try structural or analytical logic on tougher problems.

Is Sainik School Class 9 syllabus different from Class 8?

A common point of confusion among parents and young aspirants is: *"Is Sainik School Class 9 syllabus different from Class 8?"*

The short answer is **no, but it goes deeper**. The basic curriculum of the **Sainik School Entrance Exam Syllabus Class 9** is inherently mapped to the NCERT Class 8 curriculum. However, the exam evaluates advanced conceptual depth, analytical speed, and logic applications. While your school textbooks teach you *what* the formula is, the entrance test evaluates *how* you can tweak that formula to solve complex, multi-layered problems.

Subject-Wise Breakdown of Sainik School Syllabus Class 9

Let's dissect the complete topic-wise breakdown prescribed in the official NTA **Sainik School Syllabus PDF**.

1. Mathematics (200 Marks)

Since Mathematics contributes 50% of the entire score line, it acts as the primary rank-decider. This section requires thorough precision and covers key **Advanced Mathematics topics for Sainik School Class 9**, including:

- **Number Systems & Equations:** Rational Numbers, Exponents and Powers, Squares and Square Roots, Cubes and Cube Roots, and Linear Equations in One Variable.
- **Commercial Math:** Comparing Quantities (Percentage, Profit and Loss, Discount, Simple Interest and Compound Interest), Direct and Inverse Proportions, Unitary Method, Time and Work.
- **Algebra & Geometry:** Algebraic Expressions and Identities, Factorisation, Understanding Quadrilaterals, Parallel Lines, Triangles (Pythagoras Theorem), Visualising Solid Shapes (Euler's Formula).
- **Mensuration:** Area and Perimeter of Plane Figures, Surface Area and Volume of 3D shapes (Cube, Cuboid, and Cylinder).
- **Data & Graphs:** Data Handling (Bar Graphs, Line Graphs, Pie Charts), Introduction to Graphs, Statistics (Average, Median, Mode), and Basic Probability.

2. Intelligence (50 Marks)

This section tests a candidate's mental agility, spatial visualization, and cognitive reasoning.

- **Verbal Reasoning:** Analogies, Classification (Odd one out), Series Completion (Number & Alphabet series), Coding-Decoding, Blood Relations, Direction Sense Test.
- **Non-Verbal Reasoning:** Pattern Recognition, Spatial Reasoning, Mirror and Water Images, Figure Counting, Paper Folding & Cutting, Venn Diagrams.

3. English (50 Marks)

The English section checks formal language proficiency, accurate usage of rules, and vocabulary limits.

- **Grammar Foundations:** Tenses, Voice (Active & Passive), Narration (Direct & Indirect Speech), Subject-Verb Agreement, Sentence Transformation, Articles, Prepositions, Conjunctions, and Modals.
- **Comprehension & Vocabulary:** Unseen Passage reading, Synonyms and Antonyms, One-word substitutions, Idioms & Phrases, Correct Spellings, and Spotting Errors.

4. General Science (50 Marks)

The **Sainik School Class 9 Science Syllabus** is cleanly categorized across Physics, Chemistry, and Biology fundamentals based on everyday applications.

- **Physics:** Force, Friction, and Pressure; Sound and its basics; Reflection and Dispersion of Light; Chemical Effects of Electric Current; Stars and Solar System; Some Natural Phenomena.
- **Chemistry:** Synthetic Fibers and Plastics; Metals and Non-Metals (Properties and Reactivity); Fossil Fuels (Coal and Petroleum); Combustion and Flame (Calorific Value).
- **Biology:** Crop Production and Management; Microorganisms (Friends & Foe); Conservation of Plants and Animals (Biosphere Reserves, National Parks, Sanctuaries); Cell Structure and Function; Reproduction in Animals; Reaching the Age of Adolescence.

5. Social Science (50 Marks)

The **Sainik School Class 9 Social Science Syllabus NCERT based** covers structural histories, geographical patterns, and civic realities.

- **History:** Modern Indian History (Decline of Mughals, British expansion, Colonialism), The Revolt of 1857, Freedom Struggle, Post-Independence Era, and basic World History (French and Industrial Revolutions).
- **Geography:** Types of Resources and Conservation; Land, Soil, Water, and Natural Vegetation; Mineral and Power Resources; Agriculture and Major Crops; Human Resources.
- **Civics:** The Indian Constitution (Preamble, Fundamental Rights & Duties), Parliamentary System, Judiciary, Rule of Law, Social Justice, and Marginalization.

