

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

By [The Lucknow Classes](#) | June 17, 2026

Are you planning to master the **Sainik School Syllabus Class 9** and secure a seat in one of India's most prestigious military-oriented schools? If yes, cracking the All India Sainik School Entrance Exam (AISSEE) conducted by the National Testing Agency (NTA) is your ultimate first step, demanding a highly competitive and rock-solid strategy.

To help aspirants build an unshakeable foundation, **THE LUCKNOW CLASSES** has put together this detailed, topic-wise guide. Navigating the **Sainik School Admission 2027-28 Syllabus** doesn't have to be overwhelming—let's break down the exam pattern, subject-wise topics, and practical preparation strategies to clear the exam with flying colors.

AISSEE 2027 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 2027** 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 **AISSEE 2027 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 AISSEE 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 2027** 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.

How to Prepare for Sainik School Entrance Exam Without Coaching

Cracking this elite exam is entirely possible through dedicated self-study. Here are actionable tips compiled by experts at **THE LUCKNOW CLASSES** on **how to prepare for Sainik School entrance exam without coaching**:

1. **Master the Textbook First:** Since the **AISSEE Syllabus 2027** mirrors Class 8 NCERT, complete every single exercise in your school science, math, and social studies textbooks.
2. **Maintain Handwritten Formula Logs:** Keep a dedicated pocket notebook for essential math identities, squares/cubes up to 30, and

complex science definitions.

3. **Hone Your Speed on OMR Sheets:** Since the actual exam requires manual bubbling on a paper sheet, downloading blank OMR formats and practicing your tests on them eliminates final-day stress.
4. **Solve Previous Year Material:** Pair your conceptual routine with **Sainik School entrance exam previous year question papers with syllabus analysis**. It instantly flashes light on repeated question models and time boundaries.

For a streamlined planning framework, you can download the entire **Sainik School entrance exam syllabus 2027 PDF download** document directly from our portal to print and cross-reference as you clear each milestone. Keep your focus high, work relentlessly on your weak zones, and remember that consistent revision is your actual secret weapon.

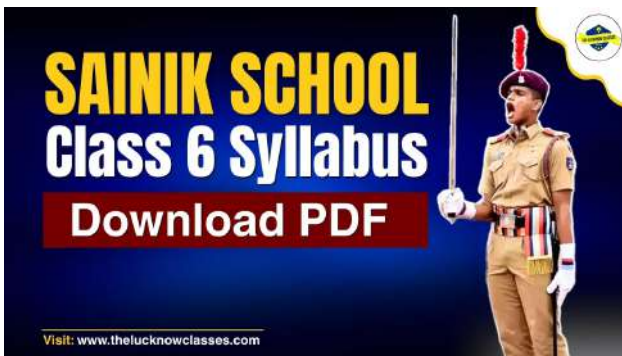
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