Sainik School Entrance Exam Syllabus for Class 9th

English Syllabus:

<table>
<thead>
<tr>
<th>Topic</th>
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<tr>
<td>Letter Writing</td>
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<td>Guided Writing</td>
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<td>Essay Writing</td>
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<tr>
<td>Vocabulary and Usage</td>
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<tr>
<td>Prepositions</td>
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<tr>
<td>Antonyms</td>
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<td>Synonyms</td>
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<tr>
<td>Direct / Indirect Speech</td>
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<tr>
<td>Voice</td>
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<td>Sentence types</td>
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<td>Tenses</td>
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<td>Clauses</td>
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<td>Question Tags</td>
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<td>Future time reference</td>
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<tr>
<td>Re arranging words to make meaningful sentences</td>
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<tr>
<td>Use of grammatical structures</td>
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<td>One word substitutes</td>
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Science Syllabus

- The Universe
- Soil
- Air
- Transformation of Substances
- Structure of atom
- Metals and non-metals
- Carbon
- Cell Structure and Functions
- Micro organisms
- Refraction of Light
- Electricity and Magnetism
- Sources of Energy
- Common Diseases
- Food Production and Management

**Mathematics Syllabus:**

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<th>Topics</th>
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<tr>
<td>Squares and square roots of large numbers</td>
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<tr>
<td>Cubes and Cube roots of large numbers</td>
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<tr>
<td>Rational exponents and radicals including negative powers</td>
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<td>Profit, loss and discount with percentages</td>
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<td>Compound Interest</td>
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<td>Algebraic identities</td>
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<td>Factorisation of algebraic expressions</td>
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<td>Division of Polynomials</td>
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<tr>
<td>Linear equations in one variable including word problems</td>
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<tr>
<td>Parallel lines and its properties</td>
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<tr>
<td>Quadrilaterals</td>
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<tr>
<td>Circle</td>
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<tr>
<td>Perimeter and areas of triangle</td>
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<tr>
<td>Surface areas and volumes of cube, cuboid, cylinder, cone, sphere and hemisphere</td>
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<tr>
<td>Statistics</td>
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**Social Studies Syllabus:**

**History:** Modern Indian History & World History, Persons in History of India, Places of Importance in Indian History, Wars and Battles in Indian History, Dates and Events in Indian History, Events of Indian National Movement, Revolutions in the World (17 to 19 Century AD), Industrial Revolution, Revolt of 1857, Heritage sites of India & World

**Civics:** Indian Constitution, About United Nations, Globalization, Human Rights, Rights of the Child, Dance & Music, Location of prominent Institutions in India, General Information on Indian Army, Indian Navy, Indian Air Force (basics) and Indian Railways
**Geography**: Physical Geography, India’s Geography, World Geography

**Political Science**: Power sharing mechanism in Democracy, Working of Democracy, Competitions and Contestations in democracy, Outcomes of democracy, Challenges in Democracy

**Economics**: The story of Development, The role of Service Sector in Indian Economy, Money and Financial System, Globalization, Consumer Awareness

**Disaster Management**: Tsunami, Safer Construction Practices, Survival Skills, Alternate Communication Skills, Sharing Responsibility