



## RMS Syllabus Class 6: Complete Topic-wise Guide (PDF)

By [The Lucknow Classes](#) | June 26, 2026

Securing a seat in the prestigious Rashtriya Military Schools (RMS) is a proud milestone for young aspirants. If your child is targeting the upcoming Common Entrance Test, understanding the **RMS CET syllabus Class 6** and its structured blueprint is the first step toward victory. While the competitive landscape mirrors the structured approach of the [Sainik School Syllabus Class 6](#), the Rashtriya Military School syllabus has its own distinct exam pattern and marking weights.

This comprehensive guide, brought to you by **THE LUCKNOW CLASSES**, provides an exhaustive breakdown of the latest **RMS entrance exam syllabus**, topic-wise details, and a link to get your **RMS Syllabus for Class 6 PDF download in English/Hindi**.

# RMS Class 6 Exam Pattern & Marking Scheme

Before jumping into the chapter-wise details, parents and students must understand how the offline, OMR-based test is evaluated. The test features a total of 200 multiple-choice questions (MCQs), heavily overlapping with topics required for the *Sainik School Syllabus Class 6*.

***Critical Note for Parents:*** English serves strictly as a qualifying section. A student must score at least 35% in English to pass, but these marks are **not** counted toward the final merit ranking. The final merit is calculated using the remaining 150 marks from Mathematics, Intelligence, and GK, followed by a 20-mark interview.

Subject	Total Questions	Maximum Marks	Qualifying Percentage	Merit Contribution
English	50	50	35% (17.5 Marks)	Qualifying Only (Not counted in merit)
Intelligence Test	50	50	40% (20 Marks)	Included in final merit
Mathematics	50	50	40% (20 Marks)	Included in final merit
General Knowledge	50	50	40% (20 Marks)	Included in final merit
<b>Total Written Exam</b>	<b>200</b>	<b>200</b>	—	<b>150 Marks calculated for Merit</b>

# Maths Syllabus

The **RMS class 6 maths syllabus chapter wise** division forms the backbone of a high merit score. It shares a nearly identical footprint with the *Sainik School Syllabus Class 6*, requiring absolute clarity on core mathematical operations.

- **Number System:** LCM and HCF, Place Values, Face Values, Rounding off numbers, Roman Numerals, Prime and Composite Numbers, Prime Factorisation.
- **Basic Arithmetic & Simplification:** BODMAS rule, Squares and Square Roots, Number series and patterns.
- **Fractions & Decimals:** Conversion of fractions to decimals or percentages and vice-versa, operations on fractional values.
- **Commercial Mathematics:** Percentage, Profit and Loss, Simple Interest, Unitary Method, Ration and Proportion, Preparation of Cash Bills, Arithmetic Mean.
- **Time, Work & Distance:** Time and work problems, Speed, Time, and Distance calculations.
- **Geometry & Mensuration:**
  - Basic Geometry Concepts (Line, Point, Line Segment, Ray).
  - Classification of Angles, Triangles (Angles and Angle Sum Property).
  - Perimeter & Areas of Triangle, Rectangle, and Square (with Diagrams).
  - Circle and its Parts, Circumference and Area of a Circle.
  - Volumes of Solids, Cubes, and Cuboids.
  - Conversion of Units of Area and Volume.
- **Temperature:** Measurement of Temperature in Degree Celsius and Degree Fahrenheit.

## Intelligence Test / Reasoning

The **RMS class 6 intelligence test syllabus and topics** evaluate a student's spatial, logical, and analytical capabilities. This is an area where

raw practice can guarantee a perfect score.

- **Verbal Reasoning:** Analogy Test, Relationship of Analogy, Classification (Odd One Out), Coding and Decoding, Number & Alphabet Series, Jumbled Spelling, Alphabetical Arrangement of Words.
- **Non-Verbal Reasoning:** Image-based patterns, Mirror images, Water images, Completion of incomplete Series, Figure Matrix, Cubes and Dice basics.
- **Logical Operations:** Direction Sense Test, Order & Ranking, Assigning Correct Mathematical Signs to equations, Puzzles, following confusing/complex Instructions.

## General Knowledge Syllabus

The **Rashtriya Military school class 6 general knowledge syllabus** is vast and requires consistent reading. It matches many components of the static and dynamic awareness sections found across top military school prep tracks.

- **Science & Health:** Germination and Seed Dispersal, Evaporation, Condensation, Water Cycle, Food & Nutrition, Microbial Diseases, Inventions and Inventors.
- **Social & Environmental Sciences:** Environment & Pollution, Natural Calamities (Floods, Earthquakes), Tribes and Forest Produce, Maps, Planets and Solar System.
- **Our Defence Forces:** Structure of Indian Armed Forces, Equivalent Ranks in Army, Navy, and Air Force, Weapons, Aircraft, Missiles, and Warships.
- **Static GK & Indian Culture:** Indian Constitution, National Icons, Symbols, National Emblem, Classical and Folk Dances of India, Major Religions, Books and Authors, Important Dates and Days.
- **Geography Facts:** Countries, Capitals, and Currencies, Important Towns on Rivers, Famous Rivers, National Parks and Wildlife Sanctuaries in India.
- **Current Affairs:** Recent developments in sports, science, awards, and national breakthroughs.

# English Grammar Syllabus for RMS Class 6 Entrance

Though it is a qualifying section, ignoring the **English grammar syllabus for RMS class 6 entrance** can derail your child's hard work if they fall below the 35% mark.

- **Grammar Fundamentals:** Nouns (Kinds, Singular/Plural Forms, Gender), Pronouns, Verbs and Verb Forms, Adjectives, Adverbs, Prepositions, Articles, Interjections.
- **Sentence Structure:** Types of Sentences (Negative, Interrogative, Positive, Exclamatory), Construction of Sentences, Affirmative and Interrogative transformations, Framing Questions, Question Tags.
- **Vocabulary:** Antonyms, Synonyms, Homonyms, Idioms and Phrases, Spelling Check, Confusing Words.
- **Comprehension & Ordering:** Unseen Comprehension Passages, Para Jumbled sentences, Error Correction, Sentence Improvement.

*Here, we have only discussed RMS Syllabus, Exam Pattern and Marking Scheme. If you want more information i.e., RMS Admit Card, RMS Application Form, Eligibility Criteria then you must read our informative blog [RMS Exam](#).*

## How to Prepare for RMS Class 6 Entrance Exam

Succeeding in the **Military school class 6 syllabus** track demands structural discipline and routine mentorship. At **THE LUCKNOW CLASSES**, we recommend starting early to balance both school curriculum and entrance expectations.

- **Master the Basics First:** Build strong foundations using Class 5 and 6 CBSE textbooks. This automatically takes care of a huge chunk of the math and science concepts shared with the *Sainik School Syllabus Class 6*.

- **Use the Right Material:** Invest in the **best books for RMS class 6 syllabus preparation** that focus strictly on previous patterns and updated question types.
- **Practice with Real Templates:** Solve **previous year question papers for RMS class 6 with syllabus** tracking. Ensure your child practices marking on actual OMR sheets to prevent visual errors during the real test.
- **Focus on Important Topics for RMS Class 6 Mathematics:** Give extra hours to high-scoring mathematical topics like Fractions, Commercial Math, and basic Mensuration.

## Get Your Free Guide

Prepare seamlessly by downloading the compiled version of the **RMS class 6 latest syllabus and exam pattern PDF** directly to your device.

***Note:** The Lucknow Classes is an independent online informational platform. We do not offer coaching center classes or test prep courses. Instead, our core mission is to empower defense aspirants throughout their journey.*

*We assure to provide updated information to aspirants and parents but always recommend prefer [official website of RMS](#) for final decision. RMS Exam is conducted by National Institute of Electronics and Information Technology (NIELIT). So, you can also check [Official Website of NIELIT](#).*

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