

NCERT Class 9th Complete Guide

This comprehensive guide provides full details of NCERT Class 9th, including all subject books, chapter-wise syllabus, marks distribution, study tips, and exam preparation strategies. This is aimed to help students perform well in their academics and board preparation.

1. NCERT Class 9 Books

Subjects and corresponding NCERT books for Class 9:

- 1. Mathematics
- 2. Science
- 3. English (Beehive and Moments - Supplementary)
- 4. Hindi (Kshitij, Kritika, Sanchayan - Supplementary, Sparsh)
- 5. Social Science (History - India and the Contemporary World – I, Geography - Contemporary India – I, Civics - Democratic Politics – I, Economics)
- 6. Sanskrit (Shemushi, Vyakaranavithi)

2. Chapter-wise Syllabus

Subject-wise chapters covered in Class 9 NCERT syllabus are listed below:

1. Mathematics

- Number Systems
- Polynomials
- Coordinate Geometry
- Linear Equations in Two Variables
- Introduction to Euclid's Geometry
- Lines and Angles
- Triangles
- Quadrilaterals
- Areas of Parallelograms and Triangles
- Circles
- Constructions
- Heron's Formula
- Surface Areas and Volumes
- Statistics
- Probability

2. Science

- Matter in Our Surroundings
- Is Matter Around Us Pure?

- Atoms and Molecules
- Structure of the Atom
- The Fundamental Unit of Life
- Tissues
- Diversity in Living Organisms
- Motion
- Force and Laws of Motion
- Gravitation
- Work and Energy
- Sound
- Why Do We Fall Ill?
- Natural Resources
- Improvement in Food Resources

3. English

- Beehive (10 prose + 10 poems)
- Moments (10 supplementary stories)

4. Social Science

- History: The French Revolution, Socialism in Europe and the Russian Revolution, Nazism and the Rise of Hitler, Forest Society and Colonialism, Pastoralists in the Modern World
- Geography: India – Size and Location, Physical Features of India, Drainage, Climate, Natural Vegetation and Wildlife, Population
- Civics: What is Democracy? Why Democracy?, Constitutional Design, Electoral Politics, Working of Institutions, Democratic Rights
- Economics: The Story of Village Palampur, People as Resource, Poverty as a Challenge, Food Security in India

3. Marks Distribution

Class 9 internal and external assessment structure generally includes:

- Written Exam: 80 Marks
 - Internal Assessment (projects, activities, periodic tests): 20 Marks
- Total: 100 Marks per subject.

4. Study Tips and Exam Preparation

1. Create a subject-wise timetable with time for revision.
2. Understand concepts thoroughly, especially in Science and Mathematics.
3. Use diagrams and flowcharts for Biology and Geography.
4. Practice numerical problems regularly.

5. Solve NCERT examples and exercise questions after each chapter.
6. Practice grammar and writing tasks in English and Hindi.
7. Make short notes for last-minute revision.
8. Attempt mock tests and sample papers to assess preparation.