

NCERT Syllabus for Class 7 2023 - Download PDF

Updated on Apr 5, 2023 - 4:29 p.m. IST by Shilpi Sachdeva

NCERT Syllabus for Class 7 2023 - National Council of Educational Research and Training releases the class 7 syllabus for all subjects. The subjects included in the Class 7 NCERT syllabus are Hindi, English, Maths, Social Science, Science. The [NCERT Syllabus](#) for Class 7 2023 is available to download on the official website ncert.nic. The 7th class NCERT Syllabus includes all the topics and subtopics for each subject.

Many educational boards including [CBSE](#) follow NCERT syllabus. Students must refer to the NCERT Syllabus for Class 7 2023 and strictly follow the syllabus to score good marks in the exams. The NCERT syllabus is helpful for academics as well as competitive exams. Read the article to check the complete syllabus, steps to download the syllabus, and important books.

NCERT Syllabus for Class 7 2023 for Science

All the chapter names with important topics are given in the table below.

NCERT Syllabus for Class 7 for Science

Chapter Name	Important Topics
Nutrition In Plants	<ul style="list-style-type: none">• Mode of Nutrition In Plants• Photosynthesis• Other Modes of Nutrition in Plants• Saprotrophs• How Nutrients are Replenished in The Soil
Nutrition In Animals	<ul style="list-style-type: none">• Different Ways of Taking Food• Digestion in Humans• Digestion in Grass-Eating Animals• Feeding and Digestion in Amoeba

Heat	<ul style="list-style-type: none"> • Hot and Cold • Measuring Temperature • Laboratory Thermometer • Transfer of Heat • Kinds of Clothes We Wear in Summer and Winter
Acids, Bases, And Salts	<ul style="list-style-type: none"> • Acids and Bases • Natural Indicators Around Us • Neutralisation • Neutralisation in Everyday Life
Physical And Chemical Changes	<ul style="list-style-type: none"> • Physical Changes • Chemical Change • Rusting of Iron • Crystallization.
Respiration In Organisms	<ul style="list-style-type: none"> • Why Do We Respire? • Breathing • How Do We Breathe? • What Do We Breathe Out? • Breathing in Other Animals • Breathing Under Water • Do Plants Also Respire?
Transportation In Animals And Plants	<ul style="list-style-type: none"> • Circulatory System • Excretion in Animals • Transport of Substances in Plants
Reproduction In Plants	<ul style="list-style-type: none"> • Modes of Reproduction • Sexual Reproduction • Fruits and Seed Formation • Seed Dispersal
Motion And Time	<ul style="list-style-type: none"> • Slow or Fast • Speed • Measurement of Time • Measuring Speed • Distance-Time Graph

Electric Current And Its Effects	<ul style="list-style-type: none"> • Symbols of Electric Components • Heating Effect of Electric Current • Magnetic Effect of Electric Current • Electromagnet • Electric Bell
Light	<ul style="list-style-type: none"> • Light Travels Along A Straight Line • Reflection of Light • Right or Left! • Playing with Spherical Mirrors • Images Formed By Lenses • Sunlight - White or Coloured?
Forest: Our Lifeline	<ul style="list-style-type: none"> • Visit to a Forest
Wastewater Story	<ul style="list-style-type: none"> • Water, Our Lifeline. • What Is Sewage? • Water Freshens Up – An Eventful Journey • Wastewater Treatment Plant (WWTP) • Better House Keeping Practices • Sanitation and Disease • Alternative Arrangement for Sewage Disposal • Sanitation at Public Places

NCERT Syllabus for Class 7 2023 for Maths

There are 7 units in the Maths Class 7 NCERT Syllabus. The important chapters are Algebra, Geometry, Mensuration, and Data handling. Check the complete syllabus below.

NCERT Syllabus for Class 7 for Maths

Units	Important Topics
Integers	Introduction, Recall, Properties of addition and subtraction of integers, Multiplication of integers, Properties of Multiplication of Integers, Division of Integers, Properties of Division of Integers

Fractions and Decimals	Introduction, How well have you learned about Fractions, Multiplication of fractions, Division of Fractions, How well have we learned about Decimals, Multiplication of Decimal Numbers, Division of Decimal Numbers.
Data Handling	Introduction, Collecting data, Organisation of Data, Representative Values, Arithmetic Mean, Mode, Median, Use of Bar Graphs with a different purpose, Chance and Probability
Simple Equations	A Mind-Reading Game, Setting up of an Equation, Review of What we Know, What Equation is, More Equations, From Solution to Equation, Application of Simple Equation to Practical Situation
Lines and angles	Introduction, Related Angles, Pair of Lines, Checking of Parallel Lines
The Triangle and its Properties	Introduction, Medians of a Triangle, Altitudes of a Triangle, Exterior Angle of a Triangle and its Properties, Angle Sum Property of a Triangle, Two Special Triangles: Equilateral and Isosceles, Sum of the Lengths of Two Sides of a Triangle, Right Angled Triangle and Pythagoras property
Comparing Quantities	Introduction, Equivalent Ratios, Percentage - Another Way of Comparing Quantities, Use of Percentages, Prices Related to an Item or Buying and Selling, Charge Given on Borrowed Money or Simple Interest.
Rational Numbers	Introduction, Need for Rational Numbers, What are Rational Numbers, Positive and Negative Rational Numbers, Rational Numbers on a Number Line, Rational Numbers in Standard Form, Comparison of Rational Numbers, Rational Numbers Between Two Rational Numbers, Operations of Rational Numbers

Practical Geometry	Introduction, Construction of a line parallel to a given line, through a point not on the line, Construction of triangles, Constructing a triangle when lengths of its three sides are known (SSS criterion), Constructing a triangle when the lengths of two sides and the measure of the angle between them are known (SAS criterion), Constructing a triangle when the measures of two of its angles and the length of the side included between them is given (ASA criterion), Constructing a rightangled triangle when the length of one leg and its hypotenuse are given (RHS criterion).
Perimeter and Area	Introduction, Squares and Rectangles, Area of a Parallelogram, Area of a Triangle, Circles, Conversion of Units, Applications.
Algebraic Expressions	Introduction, How are Expressions Formed, Terms of an Expression, Like and unlike terms; Monomials, Binomials, Trinomials and Polynomials, Finding the Value of an Expression.
Exponents and Powers	Introduction, Exponents, Laws of Exponents, Miscellaneous Examples using the Laws of Exponents, Decimal Number System, Expressing Large Numbers in the Standard form.
Symmetry	Introduction, Lines of Symmetry for Regular Polygons, Rotational Symmetry, Line Symmetry and Rotational Symmetry.
Visualising Solid Shapes	Introduction: Plane Figures and Solid Shapes, Faces, Edges and Vertices; Nets for building 3-d shapes, Drawing Solids on a Flat Surface, Viewing Different Sections of a Solid.

NCERT Syllabus for Class 7 2023 for Social Science

There are three parts of the Class 7 NCERT Syllabus of Social Science, History, Geography and Civics. Chapters included in each book are provided in the table below.

NCERT Syllabus for Class 7 for Social Science

Textbook name	Chapter Name
Social and Political Life	• On Equality
	• Role of the Government in Health
	• How the State Government Works
	• Growing up as Boys and Girls
	• Women Change the World
	• Understanding Media
	• Markets Around Us
	• A Shirt in the Market
Our Past – II	• Tracing Changes through a Thousand Years
	• New Kings and Kingdoms
	• Delhi 12th to 15th century
	• The Mughal 16th to 17th century
	• Tribes, Nomads and Settled Communities
	• Devotional Paths to the Divine
	• The Making of Regional Cultures
	• Eighteenth-Century Political Formations
Our Environment	• Environment
	• Inside Our Earth
	• Our Changing Earth
	• Air
	• Water

• 090909 0909 09090909

• 090909 09090909 09090909

• 09090909090909 0909 0909090909 090909 090909090909090909
0909 090909 : 0909090909

• 090909090909 0909 090909090909090909 0909090909090909

• 09090909090909 0909090909

1. 0909090909090909 0909 090909090909090909

2. 09090909 0909090909 0909090909

3. 090909 090909 0909090909

4. 09090909090909090909 0909 0909090909

5. 090909090909 0909090909 0909090909

6. 09090909

7. 09090909090909090909 0909 090909 09090909

8. 09090909090909090909090909

9. 0909090909090909090909090909

10. 0909 09090909 0909 090909

11. 0909090909

12. 09090909 0909090909090909090909

13. 0909090909090909090909090909090909 09090909 090909090909

14. 0909090909 0909 090909

15. 090909

16. 09090909090909 0909 0909090909090909090909

17. 090909 0909 0909090909

09090909090909

NCERT Syllabus for Class 7 2023 for English

The syllabus of English class 7 is segregated into three sections, reading, writing and literature. In reading sections, the questions will be based on the unseen passages. In the writing section, questions will be based on writing skills. The syllabus for literature is given in the table below.

NCERT Syllabus for Class 7 for English

Textbook name	Chapters Name
Honeycomb	1. Three Questions The Squirrel
	2. A Gift of Chappals The Rebel
	3. Gopal and the Hilsa Fish The Shed
	4. The Ashes That Made Trees Bloom Chivvy
	5. Quality Trees
	6. Expert Detectives Mystery of the Talking Fan
	7. The Invention of Vita-Wonk Dad and the Cat and the Tree
	8. A Homepage to Our Brave Soldiers Meadow Surprises
An Alien Hand	1. The Tiny Teacher
	2. Bringing Up Kari
	3. Golu Grows a Nose
	4. I Want Something in a Cage
	5. Chandni

	6. The Bear Story
	7. A Tiger in the House
	8. An Alien Hand

Also, Check

- [NCERT Solutions for Class 7](#)
- [NCERT Solutions for Class 7 Maths](#)
- [NCERT Solutions for Class 7 Science](#)

How to Download NCERT Syllabus for Class 7 2023?

Follow the below-given step by step guidelines to download the pdf of Class 7 NCERT Syllabus.

- Step 1 - Visit the official website of NCERT, i.e. ncert.nic.in.
- Step 2 - On the home page, you will find the link for the syllabus from class 1 to 12 by the name 'Syllabus of Classes I-XII'. Click on the link.
- Step 3 - Now select 'Syllabus for Classes at the Elementary Level'.
- Step 4 - Select your class and subject. The NCERT Syllabus for Class 7 will get displayed on your screens.

NCERT Books for Class 7 2023

Students preparing for class 7 exams must strictly follow the [NCERT books](#). The NCERT Books for Class 7 are available for all subjects including Hindi, English, Maths, Science, and Social Science in the pdf format. Students can easily download NCERT books from the official website. Check the links below for subject wise NCERT Books for Class 7.

- [NCERT Books for Class 7 Social Science](#)
- [NCERT Books for Class 7 Science](#)
- [NCERT Books for Class 7 English](#)
- [NCERT Books for class 7 Hindi](#)

Frequently Asked Question (FAQs) - NCERT Syllabus for Class 7 2023 - Download PDF

Question: Is NCERT syllabus beneficial for the competitive exams?

Answer:

Yes, questions are asked from the NCERT syllabus in many competitive exams.

Question: Is it compulsory to cover the entire NCERT syllabus of class 7?

Answer:

Yes, to score well you must cover the complete NCERT syllabus.

Question: Where can I get the pdf of NCERT syllabus?

Answer:

The NCERT syllabus pdf is available at ncert.nic.in.

