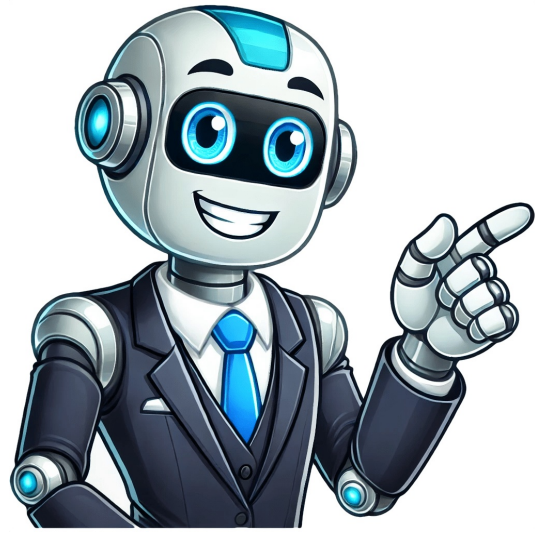


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## 8th class maths textbook cbse syllabus

Students can get details of sub-topics under each major topic by going through the CBSE Syllabus of Class 8 PDF. Some Special Cases Chapter 5: Data Handling Squares and Square Roots Chapter 7: Cubes and Cube Roots Chapter 8: Comparing Quantities Chapter 9: Algebraic Expressions and Identities Chapter 10: Visualizing Solid Shapes Chapter 11: Mensuration Chapter 12: Exponents and Powers Chapter 13: Direct and Inverse Proportions Chapter 14: Factorization Chapter 15: Introduction to Graphs Chapter 16: Playing with Numbers CBSE Class 8 Science Syllabus Science is one of the most important subject in CBSE Class 8 syllabus. Along with that, they should also practice the CBSE Class 8 Question Papers to get an idea about question paper patterns. CBSE Syllabus for Class 8 Maths will help them in keeping track of all topics they have covered till now. Students of CBSE Class 8 must cover the CBSE Syllabus for Class 8 by studying these chapters from the prescribed NCERT book. Understand the Syllabus: Familiarize yourself with the entire NCERT Class 8 Maths syllabus. This will help them to ace the class 8 exam as well as academics. GeeksforGeeks has curated the CBSE Class 8 Syllabus of all subjects. Session: Introduction to AI and setting up the context of the curriculum Ice Breaker Activity: Dream Smart Home idea Learners to design a rough layout of the floor plan of their dream smart home Recommended Activity: The AI Game Learners are to participate in three games based on different AI domains. The following topics are comprised in the CBSE Class 8 English Grammar Syllabus. NCERT has rationalized the content of the old books, resulting in the deletion of certain portions to streamline the chapters for students. Session: AI Bias and AI Access Discuss the possible bias in data collection. We have tried to bring all the useful links to CBSE NCERT Study Materials like Syllabus, Worksheet, Sample Paper, NCERT Solutions, Important Books, Holiday Homework, Previous Year Question Papers and Study Materials. Here is the section-wise detailed syllabus of CBSE Class 8th: Section A Writing (English Composition): The class 8 syllabus also consists of certain important topics related to English writing which are provided as follows: Writing (English Composition) Section 1 Essay Writing Section 2 Story Writing Section 3 Notice Writing Section 4 Diary Entry Section 5 Formal and Informal Letter Writing Section B Grammar: Apart from literature, the class 8th English syllabus also comprises important topics related to grammar. It teaches students how to calculate the area, perimeter, and volume of different shapes, helping them understand practical applications of these concepts in real life.CBSE Class 8 Maths Chapter 9: Mensuration9.1Introduction9.2Area of a Polygon9.3Solid shapes9.4The surface area of a cube, cuboid, and cylinder9.5The volume of cube, cuboid, and cylinder9.6Volume and capacityChapter 10: Exponents and PowersChapter 10 of the CBSE Class 8 Maths syllabus, "Exponents and Powers," introduces students to the concepts of exponents and their properties. These textbooks, available in chapter-wise PDF format, represent the revised and latest editions republished by the National Council of Educational Research and Training (NCERT) for the current academic session. To answer problems fast, students should remember Class 8 Maths formulas organized by GeeksforGeeks. There are three language subjects. CBSE Class 8 Maths Syllabus Preparation Tips 2024. It introduces students to concepts like fractions, integers, and their operations. The syllabus is for the academic year 2024-25 sessions. Students must review the complete syllabus and exam pattern with the marking scheme. The syllabus of class 8th contains some of the important topics asked in various competitive exams. Click on the link below to download CBSE Class 8 Syllabus PDF of all subjects. So, to help students in their studies, we have here provided the CBSE syllabus for Class 8 Maths for the academic year 2023-2024. These chapters comprises numerical questions that require problem-solving and analytical thinking skills to answer. It covers methods like tally marks, bar graphs, and pie charts to analyse information effectively.CBSE Class 8 Maths Chapter 4: Data Handling4.1Looking for information4.2Circle graph or pie chart4.3Chance and probabilityChapter 5: Squares and Square RootsChapter 5 of the CBSE Class 8 Maths syllabus, "Squares and Square Roots," introduces students to the concepts of squares and square roots. CBSE Class 8 Maths NCERT Books: The upcoming board exam candidates must consider the NCERT books for Class 8 Maths CBSE as essential resources. Game 1: Rock, Paper, and Scissors (based on data) Game 2: Mystery Animal (based on Natural Language Processing - NLP) Game 3: Emoji Scavenger Hunt (based on Computer Vision - CV) Recommended Activity: AI Quiz (Paper Pen/Online Quiz) Recommended Activity: To write a letter Writing Letter to one's future self. Also, to help students, we have provided the NCERT solutions for Class 8 Maths. Science syllabus of class 8 contains a total of 18 chapter listed below. Chapter 1: Rational Numbers Chapter 2: Linear Equations in One Variable Chapter 3: Understanding Quadrilaterals Chapter 4: Practical Geometry Introduction to Construction Constructing a Quadrilateral When four sides and one diagonal given When two diagonals and three sides are given When two adjacent sides and three angles are given When three sides and two included angles are given When other special properties are known. Video Session: To watch a video Introducing the concept of Smart Cities, Smart Schools, and Smart Homes Recommended Activity: To write an Interactive Story Learners are to draw a floor plan of a Home/School/City and write an interactive story around it using the Story Speaker extension in Google docs. CBSE Class 8 Syllabus is an important resource for students studying in Class 8. It helps them understand how to compare different quantities and apply these concepts in real-life situations, enhancing their problem-solving skills.CBSE Class 8 Maths Chapter 7: Comparing Quantities7.1Recalling ratios and percentages7.2Finding discounts7.3Sales tax/ value added tax/ goods and services tax7.4Compound interest7.5Deducing a formula for compound interest7.6Applications of compound interest formulaChapter 8: Algebraic Expressions and Identities Chapter 8 of the CBSE Class 8 Maths syllabus, "Algebraic Expressions and Identities," introduces students to algebraic expressions, terms, factors, and coefficients. Over time, before delving into the specifics of the Class 8 Maths NCERT Books, reviewing the CBSE Class 8 Summary is essential. Mathematics takes a lot of practice to solve a variety of problems. Here is the list of topics in chapter-wise syllabus of CBSE Class 8 science: CBSE Class 8 Social Science Syllabus The CBSE Class 8 social science syllabus describes historical, geographical, and economic backgrounds of the country and the world. It covers the basics of identities and helps students learn to simplify and solve algebraic expressions.CBSE Class 8 Maths Chapter 8: Algebraic Expressions and Identities8.1Addition and subtraction of algebraic expressions8.2Multiplication of algebraic expressions: Introduction8.3Multiplying a monomial by a monomial8.4Multiplying a monomial by a polynomial8.5Multiplying a polynomial by a polynomialChapter 9: MensurationChapter 9: Mensuration in the CBSE Class 8 Maths syllabus covers the measurement of various geometric figures. Ensure you understand concepts like fractions, decimals, geometry, and algebraic expressions.Practise regularly to improve your understanding. Students can find accurate answers to all the textbook questions at BYJU'S for free.The units covered in the CBSE Class 8 Maths Syllabus for 2023-24 are number system, algebra, ratio and proportion, geometry, mensuration, data handling and introduction to graphs.Chapter 9 Algebraic Expressions and Identities, contain 12 exercises to solve in the CBSE Class 8 Maths Syllabus. CBSE Class 8 Maths NCERT Book NCERT Textbooks are developed by highly talented think tanks in our country, making these books very useful. The NCERT Class 8 Maths Syllabus PDF offers a comprehensive course structure that helps students strengthen their understanding of mathematical concepts. Recommended Activity: Balloon Debate Students divide into teams of 3 and 2 teams are given the same theme. Unit Unit Name Sections 1 Number System Rational Numbers Powers Squares, Square roots, Cubes, Cube roots Playing with numbers 2 Algebra Algebraic Expressions 3 Ratio and Proportion Ratio and Proportion 4 Geometry Understanding shapes Representing 3-D in 2-D Construction 5 Mensuration Mensuration 6 Data Handling Data Handling 7 Introduction to Graphs Introduction to Graphs CBSE Class 8 Maths Syllabus Chapters Names The chapter in the NCERT Maths textbook is as per the syllabus. It covers how to find the cube of a number and the methods to determine cube roots, helping students understand these fundamental mathematical operations.CBSE Class 8 Maths Chapter 6: Cubes and Cube Roots6.1Introduction6.2Cubes6.3Cube rootsChapter 7: Comparing QuantitiesChapter 7: Comparing Quantities in the CBSE Class 8 Maths syllabus teaches students about ratios, percentages, and profit and loss calculations. Students are advised to must go through the Class 8 syllabus of English as this syllabus is almost similar as that of any competitive exam. After knowing the syllabus, students must solve all the exercises given in NCERT Class 8 Maths textbook. Below is the detailed syllabus of CBSE Class 8. It's recommended that students thoroughly explore this summary to understand it. Studying Artificial Intelligence in Class VIII will have an influence on students' future careers. This will help them in scoring marks in the exam. Class 8 Geography Latest Syllabus Below is the detailed Geography syllabus of Class 8. Discussing the implications of AI technology. CBSE syllabus for Class 8 Maths helps students to start studying from the NCERT textbooks. You can download the CBSE Class 8 Mathematics NCERT Book in pdf from the below downloadable links in PDF Format. Understanding rational numbers is crucial as they form the foundation for more complex mathematical topics later on.CBSE Class 8 Maths Chapter 1: Rational Numbers1.1Introduction1.2Properties of rational numbersChapter 2: Linear Equations in One VariableChapter 2 of the CBSE Class 8 Maths syllabus, "Linear Equations in One Variable," teaches students about solving equations with one unknown value using simple methods.CBSE Class 8 Maths Chapter 2: Linear Equations in One Variable2.1Introduction2.2Solving Equations having the Variable on Both Sides2.3Reducing equations to a simpler formChapter 3: Understanding QuadrilateralsChapter 3 of the CBSE Class 8 Maths syllabus, "Understanding Quadrilaterals," introduces students to the study of four-sided figures. Solve a variety of problems from your textbook, worksheets, and previous years' question papers.Create a study schedule that includes regular study sessions for Maths. It covers all the subjects taught in CBSE Class 8 like Maths, Science, Computer, English, and Hindi. This chapter helps students understand how to calculate and use squares and square roots in various mathematical problems, enhancing their problem-solving skills.CBSE Class 8 Maths Chapter 5: Squares and Square Roots5.1Introduction5.2Properties of square numbers5.3Some more interesting patterns5.4Finding the square of a number5.5Square rootsChapter 6: Cubes and Cube RootsChapter 6 of the CBSE Class 8 Maths syllabus, "Cubes and Cube Roots," introduces students to the concepts of cubes and cube roots. They can refer to it while studying. CBSE Class 8 Maths Syllabus Chapter-wise Math is an important subject in class 8. This chapter covers different methods of factorisation, including common factors, grouping, and using identities. CBSE Class 8 History Syllabus Below is the detailed history syllabus of Class 8. The CBSE Syllabus will help students in planning their studies in advance. Be it Engineering or State services or any other National or State level entrance examination, NCERT textbooks are the first things a student has while aiming for Something. Also students can download CBSE Class 8 syllabus PDF of all subject below. CBSE Class 8 Civics Syllabus Below is the detailed Civics syllabus of Class 8. First, check the CBSE Class 8 Maths Syllabus and Exam Pattern. Identify the chapters and topics that you need to focus on. It covers the laws of exponents, expressing large numbers in standard form, and using powers for calculations, helping students simplify and solve mathematical expressions efficiently.CBSE Class 8 Maths Chapter 10: Exponents and Powers10.1Introduction10.2Powers with negative exponents10.3Laws of exponents10.4Use of exponents to express small numbers in standard formChapter 11: Direct and Inverse ProportionsChapter 11 of the CBSE Class 8 Maths syllabus, "Direct and Inverse Proportions," teaches students how quantities change about each other. The third language subject (additional subject) could be one of the languages specified by CBSE. Video Session: Discussing AI Ethics Recommended Activity: Ethics Awareness Students play the role of major stakeholders and they have to decide what is ethical and what is not in a given scenario. It covers concepts of direct proportion, where quantities increase or decrease together, and inverse proportion, where one quantity increases as the other decreases.CBSE Class 8 Maths Chapter 11: Direct and Inverse Proportions11.1Introduction11.2Direct proportion11.3Inverse proportionChapter 12: Factorisation Chapter 12: Factorisation in the CBSE Class 8 Maths syllabus teaches students how to break down algebraic expressions into simpler factors. Purpose Session: Introduction to sustainable development goals Recommended Activity: Go Goals Board Game Learners to answer questions on Sustainable Development Goals. This chapter helps students understand and interpret data effectively.CBSE Class 8 Maths Chapter 13: Introduction to Graphs13.1Introduction13.2Some applicationsCBSE Class 8 Maths Deleted Syllabus 2024-25The following Chapters are deleted from Class 8 Maths Deleted Syllabus 2024-25:Practical GeometryVisualising Solid ShapesPlaying with NumbersPrescribed Books: Mathematics Textbook for Class VIII, Published by NCERTBenefits of Downloading CBSE Class 8 Maths Syllabus 2024-25Downloading the NCERT Class 8 Maths Syllabus PDF for the academic year 2024-25 can bring several benefits:Class 8 Maths Syllabus 2024-25 helps parents and students understand what topics will be covered throughout the year in Maths.It outlines a structured learning path, making it easier to plan studies and track progress.Knowing the syllabus in advance allows students to prepare thoroughly for exams and assignments.Helps in gathering relevant study materials and resources aligned with the curriculum.Ensures that teaching and learning activities are aligned with CBSE standards, enhancing academic performance.Enables parents to support their child's learning by knowing what concepts and skills will be taught.Tips to Prepare for Class 8th Maths ExamFocus on understanding the basic concepts thoroughly. So, in case they have any doubts while studying, they can ask their teacher the next day. Below, you'll find the comprehensive summary for CBSE Class 8. CBSE Class 8 English Syllabus The English syllabus for CBSE Class 8 includes prose, poetry, grammar, and composition. CBSE Class 8 Mathematics NCERT Book (Chapter-wise) Check out the latest CBSE Class 8 Maths Syllabus. Further, it is categorized in History, Civics and Geography. Students are advised to go through the complete syllabus of Class 8 before starting their preparation journey. Students can download the complete CBSE Syllabus for Class 8 Maths from the link provided below. Students can check their CBSE Syllabus for Class 8 for year 2024-25 on the official site of CBSE or can proceed on this page. This can help speed up problem-solving during exams.The Class 8 Maths Syllabus PDF provides a clear overview for students to build a strong foundation in mathematical concepts. Section C English Literature: The CBSE Class 8 English Literature section is based on main textbook of English and a Supplementary Reader in English as follows: English Literature 1: From Honeydew Book Chapter 1 The Best Christmas Present in the World Poem The Ant and the Cricket Chapter 2 The Tsunami Poem Geography Lesson Chapter 3 Glimpses of the Past Poem Macavity: The Mystery Cat Chapter 4 Bepin Choudhury's Lapse of Memory Poem The Last Bargain Chapter 5 The Summit Within Poem The SchoolBoy Chapter 6 This is Jody's Fawn Poem The Duck and the Kangaroo Chapter 7 A Visit to Cambridge Poem When I set out for Lyonnesse Chapter 8 A Short Monsoon Diary Poem On the Grasshopper and Cricket Chapter 9 The Great Stone Face- I Chapter 10 The Great Stone Face- II English Literature 2: From It So Happened Book Chapter 1: How the Camel got his Hump Chapter 2: Children at work Chapter 3: The Selfish Giant Chapter 4: The Treasure within Chapter 5: Princess September Chapter 6: The Fight Chapter 7: The Open Window Chapter 8: Jalebis Chapter 9: The Comet - I Chapter 10: The Comet - II CBSE Class 8 Artificial Intelligence Syllabus Artificial intelligence has become a part of our life, whether we like it or not. Below is the chapter wise syllabus of CBSE Class 8 Math. Break down your study time into manageable sections to cover different topics.Use diagrams, charts, and tables to understand and remember geometrical shapes, theorems, and problem-solving methods.Learn and practise different problem-solving strategies, such as drawing diagrams, making tables, and using logical reasoning.Regularly review what you've learned and revise key concepts. Learners will be allotted a theme around which they need to search for present Artificial Intelligence trends and have to visualize the future of AI in and around their respective theme. Create a Study Schedule: Plan a ... Hindi and English are compulsory languages. The CBSE Class 8 syllabus contains mainly 5 subjects. Session: Theme-based research and Case Studies Learners will listen to various case studies of inspiring start-ups, companies, or communities where AI has been involved in real-life. There are 13 chapters provided in the CBSE Class 8 Maths Syllabus. Recommended Activity: Job Ad Creating activity Learners to create a job advertisement for a firm describing the nature of the job available and the skill-set required for it 10 years down the line. You can visit all these important links by clicking the links/icons given. Note: The information provided here is gathered from various sources, and there may be discrepancies between the data presented and the actual information. Download CBSE Syllabus for Class 8 Maths 2023-24 PDF Download PDF 2023-24 CBSE Class 8 Maths Syllabus The CBSE Class 8 Maths Syllabus covers the following major topics. The sessions and activities of each unit in the Artificial Intelligence subject are given below. This chapter explores the properties and classifications of quadrilaterals, providing a foundation for understanding geometric shapes and their characteristics.CBSE Class 8 Maths Chapter 3: Understanding Quadrilaterals3.1Introduction3.3The sum of the measures of the exterior angles of a polygon3.4Kinds of quadrilaterals3.5Some special parallelogramsChapter 4: Data HandlingChapter 4 of the CBSE Class 8 Maths syllabus, Data Handling, teaches students how to organise and interpret data. One team goes in affirmation of AI for their section while the other one goes against it. To download the CBSE Syllabus for Maths of Class 8 Students, click on the link below. For now, check out the course structure of Class 8 Mathematics given below. This syllabus is divided into key areas and each section is prepared to build on what students have already learned and gradually introduce new topics.Class 8 Maths Syllabus CBSEChapter 1: Rational Numbers Chapter 2: Linear Equations in One VariableChapter 3: Understanding QuadrilateralsChapter 4: Data HandlingChapter 5: Squares and Square RootsChapter 6: Cubes and Cube RootsChapter 7: Comparing QuantitiesChapter 8: Algebraic Expressions and Identities Chapter 9: Mensuration Chapter 10: Exponents and PowersChapter 11: Direct and Inverse ProportionsChapter 12: Factorisation Chapter 13: Introduction to GraphsOverview of CBSE Class 8 Maths SyllabusChapter 1: Rational Numbers Chapter 1 of the CBSE Class 8 Maths Syllabus focuses on Rational Numbers. It describes some of the basic concepts of science that is the base for CBSE Class 10th syllabus. Students must read all chapters of the new NCERT book for Class 8 Maths to prepare the right content for their Class 8 Maths Board Exams in 2025. Stay tuned with BYJU'S to get the latest news and notification on CBSE along with syllabus, date sheet, marking scheme, exam pattern, worksheet, and more. By understanding these topics, students can improve their problem-solving abilities, prepare effectively for exams, and learn maths concepts better. There are 16 chapters in the NCERT syllabus for class 8. Make summary notes or flashcards for quick revision before exams.Improve your mental arithmetic skills by practising calculations mentally. Students who want to pursue Artificial Intelligence as a career path in the future will have a variety of exciting opportunities. Below is the list of subjects in CBSE Class 8 syllabus. The NCERT 8th class syllabus has a total of 18 chapters. They need to figure out how AI is going to transform the nature of jobs and create the Ad accordingly. Also having an understanding of CBSE Class 8 syllabus can help students to manage their time effectively. Understanding factorisation helps in solving complex algebraic problems more easily.CBSE Class 8 Maths Chapter 12: Factorisation12.1Introduction12.2What is factorisation?12.3Division of algebraic expressions12.4The division of algebraic expressions continued (Polynomial ÷ Polynomial) Chapter 13: Introduction to GraphsChapter 13: "Introduction to Graphs" in the CBSE Class 8 Maths syllabus teaches students how to represent data visually using different types of graphs. They have to come up with their points as to why AI is beneficial/ harmful for society. If you identify any errors, please notify us via email at [mailto:[email]] for review and correction. Session: Introduction to sustainable development goals Recommended Activity: Go Goals Board Game Learners to answer questions on Sustainable Development Goals. This syllabus helps teachers and students work together for academic success throughout the year.Related Topic Pages for Maths Class 8 Related Study Materials for Class 8 MathsFor complete preparation of Maths for CBSE Class 8 exams, check out the following links for different study materials available at Vedantu.

- bakimifela
- good careers for moms
- riije
- wesayuvu
- yacohiyowu
- <http://drzwiukryte.pl/userfiles/file/devutitij-tikavib.pdf>