

Class 8 Mathematics Syllabus with Activities & Projects (2025–26)

Month	Chapters	Activities	Projects
April	1. Rational Numbers 2. Exponents and Powers 3. Squares and Square Roots	<ul style="list-style-type: none"> • Plot rational numbers on number line • Flashcards on exponent laws • Square root by factorization 	<ul style="list-style-type: none"> • Comparative chart: Whole vs Rational numbers • Visual squares with paper tiles
May	4. Cubes and Cube Roots 5. Playing with Numbers 6. Operations on Algebraic Expressions	<ul style="list-style-type: none"> • Cube building activity • Pattern hunt in numbers • Simplification games with expressions 	<ul style="list-style-type: none"> • Expression chart with real-life examples • Magic number trick using cubes
June	7. Factorization 8. Linear Equations in One Variable 9. Percentage	<ul style="list-style-type: none"> • Prime factor trees • Solve real-life equations • GST & discount calculations 	<ul style="list-style-type: none"> • Poster: “Maths in Daily Life – Equations & Percentages”
July	10. Profit and Loss 11. Compound Interest 12. Direct and Inverse Proportion 13. Time and Work	<ul style="list-style-type: none"> • Shopkeeper role play • SI/CI comparison chart • Tug-of-war activity for proportion 	<ul style="list-style-type: none"> • Budget diary with CI/SI & P/L records
August	14. Polygons 15. Quadrilaterals 16. Parallelograms 17. Construction of Quadrilaterals	<ul style="list-style-type: none"> • Polygon scavenger hunt • Construction using scale & compass • Foldable paper parallelograms 	<ul style="list-style-type: none"> • Scrapbook: Real-life polygon & quadrilateral pictures
September	Half-Yearly Revision and Examination	<ul style="list-style-type: none"> • Formula recap games • Weekly tests & quizzes • Peer group discussions 	<ul style="list-style-type: none"> • Pocket formula booklet
October	18. Area of Trapezium & Polygon 19. 3D Figures 20. Volume & Surface Area	<ul style="list-style-type: none"> • Graph-based area activity • Build 3D shapes • Match real objects to formulas 	<ul style="list-style-type: none"> • 3D models with volume/surface area written on each
November	21. Data Handling 22. Coordinate Geometry 23. Line & Linear Graphs	<ul style="list-style-type: none"> • Conduct & present surveys • Plot points on graph paper • Make temperature/rainfall line graphs 	<ul style="list-style-type: none"> • Class survey and graph report
December	24. Pie Charts 25. Probability 26. Activity-Based Revision	<ul style="list-style-type: none"> • Create pie charts using compasses • Dice/coin toss probability games • Group quiz 	<ul style="list-style-type: none"> • Probability record sheet • Pie chart project using class data
January	Final Revision & Pre-Board Practice	<ul style="list-style-type: none"> • Practice papers • Doubt-solving groups • Concept recap with mind maps 	<ul style="list-style-type: none"> • Maths Revision Folder with charts, formulas, and tips
February	Final Board Examination	—	—

Class 8 Science Syllabus with Activities & Projects (2025–26)

Month	Chapters	Activities	Projects
April	1. Crop Production and Management 2. Microorganisms: Friend and Foe	<ul style="list-style-type: none"> • Germinate seeds in cotton to observe sprouting • Observe yeast fermentation • Classify natural & fossil fuels 	<ul style="list-style-type: none"> • Chart showing agricultural tools and modern farming methods • Collage: Useful vs harmful microbes
May	3. Coal and Petroleum 4. Combustion and Flame	<ul style="list-style-type: none"> • Candle burning with different zones of flame • Demonstrate fire extinguisher using baking soda and vinegar 	<ul style="list-style-type: none"> • Model: Fire safety poster or miniature extinguisher setup
July	5. Conservation of Plants and Animals 6. Reproduction in Animals 7. Reaching the Age of Adolescence 8. Force and Pressure	<ul style="list-style-type: none"> • Poster on endangered species • Chart on types of reproduction • Measurement of force using spring balance 	<ul style="list-style-type: none"> • Make a "Green File" of conservation practices • Prepare a menstrual hygiene awareness chart
August	(Continued from July) Complete unfinished chapters & reinforce practical learning	<ul style="list-style-type: none"> • Life cycle diagram of animals • Debate: Importance of wildlife sanctuaries 	<ul style="list-style-type: none"> • Mind map of adolescence changes
September	Revision and Half-Yearly Examination	<ul style="list-style-type: none"> • Concept map activities • Worksheet solving • Group revision and MCQ games 	<ul style="list-style-type: none"> • Science revision folder with key concepts and diagrams
October	9. Friction 10. Sound	<ul style="list-style-type: none"> • Roll ball over different surfaces • Use rubber band/metal ruler to demonstrate sound vibration 	<ul style="list-style-type: none"> • Investigative project: Reduce friction in daily life • Sound travel experiment model
November	11. Chemical Effects of Electric Current	<ul style="list-style-type: none"> • Lemon battery or potato battery experiment • LED lighting using salt water 	<ul style="list-style-type: none"> • Circuit board model showing good and poor conductors
December	12. Some Natural Phenomena 13. Light	<ul style="list-style-type: none"> • Electroscope experiment to show static electricity • Shadow and mirror experiments with torch lights 	<ul style="list-style-type: none"> • Make a kaleidoscope • Poster: Do's and Don'ts during lightning/thunderstorms
January	Final Revision	<ul style="list-style-type: none"> • Practice question sessions • Lab-based quick practical demos • Oral quiz 	<ul style="list-style-type: none"> • Final project file with a collection of all yearly science activities
February	Final Examination	—	—

Class 8 Social Science Syllabus with Activities & Projects (2025–26)

Subjects: History, Geography, Civics (Polity)

Month	Subjects & Chapters	Activities	Projects
April	History: Ch 1 – <i>How, When and Where</i> Ch 2 – <i>From Trade to Territory</i> Geography: Ch 11 – <i>Resources</i> Civics: Ch 17 – <i>The Indian Constitution</i>	<ul style="list-style-type: none"> • Timeline preparation of key historical events • Class discussion: British East India Company arrival 	<ul style="list-style-type: none"> • Map: Important trade centres and routes in 18th century India • Preamble poster-making
May	History: Ch 3 – <i>Ruling the Countryside</i> Geography: Ch 12 – <i>Land, Soil, Water, Natural Vegetation and Wildlife Resources</i> Civics: Ch 18 – <i>Why Do We Need a Parliament?</i>	<ul style="list-style-type: none"> • Debate: Role of Parliament in democracy • Soil erosion demonstration 	<ul style="list-style-type: none"> • Chart: Resource conservation methods • Collage on "Role of Parliament"
June	History: Ch 4 – <i>Tribals, Dikus and the Vision of a Golden Age</i> Civics: Ch 19 – <i>Understanding Laws</i>	<ul style="list-style-type: none"> • Group story-telling: Birsa Munda and tribal resistance • Discussion: How laws are made 	<ul style="list-style-type: none"> • Profile of tribal leaders and their contribution • Flowchart: Law-making process
July	History: Ch 5 – <i>When People Rebel (1857)</i> Geography: Ch 13 – <i>Mineral and Power Resources</i> Civics: Ch 20 – <i>Judiciary</i>	<ul style="list-style-type: none"> • Role play: 1857 Revolt characters • Match the mineral with its location (map activity) 	<ul style="list-style-type: none"> • Map: Mineral resources of India • Project: Structure and importance of judiciary
August	History: Ch 6 – <i>Colonialism and the City</i> Civics: Ch 21 – <i>Understanding Our Criminal Justice System</i>	<ul style="list-style-type: none"> • Virtual walk: Colonial Delhi vs Modern Delhi (presentation) • Case study on justice system 	<ul style="list-style-type: none"> • Before-After chart of cities like Delhi/Kolkata • Poster: Rights in a fair justice system
September	Revision & Half-Yearly Examination	<ul style="list-style-type: none"> • MCQs, mind maps, and crossword puzzles • Group quiz 	<ul style="list-style-type: none"> • Revision folder with summaries and diagrams
October	History: Ch 7 – <i>Women, Caste and Reform</i> Geography: Ch 15 – <i>Industries</i> Civics: Ch 22 – <i>Understanding Marginalisation</i>	<ul style="list-style-type: none"> • Presentation: Women social reformers • Industry categorization chart 	<ul style="list-style-type: none"> • Social reform movement timeline • Case study project on marginalised groups
November	History: Ch 8 – <i>The Making of the National Movement (1870s–1947)</i> Civics: Ch 23 – <i>Confronting Marginalisation</i> Ch 24 – <i>Public Facilities</i>	<ul style="list-style-type: none"> • Role-play: Freedom fighters • Debate: Access to clean water and public facilities 	<ul style="list-style-type: none"> • Timeline of National Movement • Survey report on local public facilities

Month	Subjects & Chapters	Activities	Projects
December	History: Ch 9 – <i>India After Independence</i> Geography: Ch 16 – <i>Human Resources</i> Civics: Ch 25 – <i>Law and Social Justice</i>	<ul style="list-style-type: none"> Brainstorming session: Nation-building after 1947 Human Development Index comparison 	<ul style="list-style-type: none"> Chart: Timeline of Indian Constitution post-1947 Project: Laws for labour welfare
January	Final Revision	<ul style="list-style-type: none"> Sample paper solving Flashcard-based revision One-minute oral GK round 	<ul style="list-style-type: none"> Final SST portfolio file with charts, maps, laws and movements
February	Final Board Examination	—	—

Additional Notes:

- Students will maintain a **Social Science Portfolio** including maps, worksheets, group work, and written assignments.
- Monthly group activities and **interactive sessions** will be held to support understanding of political and historical concepts.



Class 8 Computer Science Syllabus with Projection Activities (2025–26)

Software Covered: MS Office 2013, Visual Basic, HTML, Adobe Flash CS5, Dreamweaver CS5

Month	Chapter / Software	Topics Covered	Projection Activities
April	Ch 1 – Networking Concepts	Types of networks, components, topologies, Internet safety	<ul style="list-style-type: none"> • Live demo: LAN setup diagram using projector • Role-play: Network devices
May	Ch 2 – Moving Ahead in MS Word 2013	Tabs, indents, formatting, headers, footers	<ul style="list-style-type: none"> • Prepare a project report with table & formatting • Insert header/footer on screen
June	MS Excel 2013	Data entry, cell reference, formulae, functions	<ul style="list-style-type: none"> • Projection: Create a marksheet and calculate totals/averages using Excel
July	Ch 4 – Moving Further in MS Excel 2013 Ch 5 – Introduction to MS Access 2013	Charts, filtering, sorting Tables, records, queries	<ul style="list-style-type: none"> • Create a bar chart from Excel data • Show data entry and queries in MS Access
August	Ch 6 – Introduction to Visual Basic	Basic programming concepts, GUI, variables	<ul style="list-style-type: none"> • Project: Create a basic VB form (login/marksheet) using projector
September	Revision for Half-Yearly Exam	Revision of all software + concepts taught	<ul style="list-style-type: none"> • Group presentation: Comparison of Excel vs Access
October	Ch 7 – Advanced HTML	Tags, lists, links, forms, tables	<ul style="list-style-type: none"> • Projection: Create and display a webpage with a form and table
November	Ch 8 – Advanced Adobe Flash CS5	Symbols, motion/shape tween, layers, animation	<ul style="list-style-type: none"> • Show animation using Flash (bouncing ball or name animation)
December	Ch 9 – Adobe Dreamweaver CS5	Designing static web pages, inserting media, linking pages	<ul style="list-style-type: none"> • Demonstrate homepage and subpage linking in Dreamweaver
January	Final Revision	Complete software revision with mock practicals	<ul style="list-style-type: none"> • Consolidated Project: Create a website with homepage, form, and link
February	Final Practical + Theory Examination	—	—

Additional Notes:

- Every student must maintain a **Computer Lab File** with printed samples of Word, Excel, HTML, and Access work.
- Monthly **projection-based demonstrations** in class will build confidence in using actual software tools.
- One final **practical exam** will be conducted in January as a rehearsal before the final exam.

Class 8 General Knowledge Syllabus with Current Affairs & Activities (2025–26)

Month	Textbook Chapters	Extra GK Concepts	Current Affairs & Activities
April	Ch 1 to 6	<ul style="list-style-type: none"> • States & Capitals • National Symbols • Famous Monuments 	<ul style="list-style-type: none"> • India map quiz • News roundup of March-April • Flag identification activity
May	Ch 7 to 12	<ul style="list-style-type: none"> • Important Days & Dates • Bharat Ratna awardees 	<ul style="list-style-type: none"> • Poster on Labour Day / Environment Day • Weekly GK quiz in class
June	Ch 13 to 18	<ul style="list-style-type: none"> • Books & Authors • Famous Personalities (Science & Tech) 	<ul style="list-style-type: none"> • Chart: Nobel Prize winners • Quiz on current ministers & governors
July	Ch 19 to 24	<ul style="list-style-type: none"> • Sports & Games – Olympic & Asian Events • Indian Space Missions 	<ul style="list-style-type: none"> • ISRO achievements update • Project: Top 5 Indian sportspersons
August	Ch 25 to 30	<ul style="list-style-type: none"> • Indian History Flash Facts • World Organizations (UN, WHO, UNESCO) 	<ul style="list-style-type: none"> • Independence Day fact hunt • Debate: Role of WHO in global health
September	Revision	<ul style="list-style-type: none"> • General Revision through Q&A sheets 	<ul style="list-style-type: none"> • Rapid fire quiz • Practice test + discussion
October	Ch 31 to 35	<ul style="list-style-type: none"> • Inventions & Inventors • Indian Defence Forces 	<ul style="list-style-type: none"> • Presentation: Role of Indian Armed Forces • Group GK games
November	Ch 36 to 40	<ul style="list-style-type: none"> • World Geography – Rivers, Mountains, Deserts 	<ul style="list-style-type: none"> • Map activity • Puzzle game: Match the country with its capital and currency
December	Ch 41 to 45	<ul style="list-style-type: none"> • World Leaders • Technology in Daily Life 	<ul style="list-style-type: none"> • GK Crossword Challenge • Quiz on 2025 major world events
January	Final Revision	<ul style="list-style-type: none"> • General Mock Quiz Practice 	<ul style="list-style-type: none"> • Grand GK Olympiad / Inter-house GK Competition
February	Final Exam	—	—

Additional Features:

- **Weekly Current Affairs Bulletin** will be read/discussed every **Saturday** in the morning assembly.
- Monthly “**GK Star of the Month**” will be awarded to students with top quiz scores.
- Encourage reading **newspapers and GK magazines** like *Pratiyogita Darpan Junior*, *GK Today*, or *GK Digest for Kids*.

Class 8 English Syllabus (2025–26)

Month	Literature Chapters	Grammar Topics	Writing / Activities
April	Ch 1 – <i>The Daffodils</i> Ch 2 – <i>India the Great</i>	Ch 1 – Sentences and Phrases Ch 2 – Nouns and Pronouns Ch 3 – Adjectives & Degree	<ul style="list-style-type: none"> • Application to the Principal for leave • Comprehension practice • Picture-based speaking task
May	Ch 3 – <i>The Burning Fields</i> Ch 4 – <i>Making Things Simple</i>	Ch 4 – Determiners Ch 5 – Verbs - Infinites Ch 6 – Clauses	<ul style="list-style-type: none"> • Letter to your grandfather • Message writing role-play • Essay: <i>Discipline</i>
June	Ch 5 – <i>The World Renowned Nose</i> Ch 6 – <i>The Brave Theseus - I</i>	Ch 7 – Subject-Verb Agreement Ch 8 – Modals Ch 9 – Adverbs & degree of Comparison	<ul style="list-style-type: none"> • Editing worksheet • Formal letter to principal • Reading Comprehension
July	Ch 7 – <i>The Brave Theseus - II</i> Ch 8 - Am I a Child? Ch 9 – <i>The Daring Rani of Jhansi</i>	Ch 10 – Present Tense Ch 11 – Past Tense Ch 12 – Future Tense	<ul style="list-style-type: none"> • Notice writing • Telegram writing • Essay: <i>My Dog</i>
August	Ch 10 – <i>George Washington</i> Ch 11 – <i>A Curious Conversation with Cheshire Cat</i> Ch 12 – <i>A Clever Boy</i>	Ch 13 – Active & Passive Voice Ch 14 – Prepositions Ch 15 – Phrasal Verbs Ch 31 - Antonyms & Synonyms	<ul style="list-style-type: none"> • Informal Letter • Synonyms/Antonyms quiz • Message writing
September	Revision for Half-Yearly Exam	• Full grammar revision	<ul style="list-style-type: none"> • Essay writing practice • Group reading sessions
October	Ch 13 – <i>The Colour of Nature</i> Ch 14 – <i>How Ganesha got his Elephant Head?</i>	Ch 16 – Conjunctions Ch 17 – Conditionals Ch 18 – Direct & Indirect Speech	<ul style="list-style-type: none"> • Letter to Bank Manager • Comprehension practice
November	Ch 15 – <i>Winter-Time</i> Ch 16 – <i>The Wicked Fairy – Part 1</i>	Ch 19 – Punctuation & Capitalization Ch 29 – Similes	<ul style="list-style-type: none"> • Postcard writing • Note-making • Message writing & editing practice
December	Ch 17 – <i>The Wicked Fairy – Part 2</i> Ch 18 – <i>Down Night Cheating</i>	Ch 30 – Idiomatic Expressions Ch 32 – Understanding Words Better	<ul style="list-style-type: none"> • Essay: <i>Air Pollution</i> • Article writing • Vocabulary worksheets
January	Final Revision	Full grammar recap	<ul style="list-style-type: none"> • Mock papers • Speaking & listening practice
February	Final Exam	—	—

Integrated Projects & Activities

- Monthly Recitations of poems (*Daffodils*, *Winter-Time*)
- Character Dramatization: *The Daring Rani of Jhansi*, *The Brave Tews*
- Poster Making: Themes from *Air Pollution* or *India the Great*
- Essay Competitions on topics like *Discipline*, *My Dog*, *Nature*

कक्षा 8 - हिंदी साहित्य + व्याकरण वार्षिक पाठ्यक्रम (2025-26)

साहित्य, व्याकरण, लेखन कौशल, परियोजना और गतिविधियाँ सहित

माह	हिंदी साहित्य	हिंदी व्याकरण	लेखन कार्य / गतिविधियाँ / परियोजना
अप्रैल	पाठ 1 – संसार एक पुस्तक पाठ 2 – बूढ़ी काकी केवल पठन – ना चाहूँ मान में	1. भाषा, लिपि एवं व्याकरण 2. वर्ण विचार अपठित गद्यांश	<ul style="list-style-type: none"> • प्रार्थना पत्र – छुट्टी हेतु • सूचना लेखन • नैतिकता पर वाचन एवं चर्चा
मई	पाठ 3 – कर्तव्यपालन पाठ 4 – खूनी हस्ताक्षर	3. संधि 4. शब्द विचार 5. शब्द भंडार 6. उपसर्ग, प्रत्यय और समास	<ul style="list-style-type: none"> • मित्र को विवाह में बुलाते हुए पत्र • शब्द श्रृंखला खेल
जून	पाठ 5 – उत्तरांचल की यात्रा पाठ 5 – उठो धरा के अमर सपूतो पाठ 7 – प्रेम, अहिंसा और बंधुत्व	7. संज्ञा 8. संज्ञा के विकार – लिंग, वचन, कारक	<ul style="list-style-type: none"> • वर्णनात्मक लेखन: उत्तराखंड यात्रा • निबंध – 'विद्यालय का महत्व'
जुलाई	पाठ 8 – सत्य की शक्ति पाठ 9 – मनुष्यता	9. सर्वनाम 10. विशेषण 11. क्रिया	<ul style="list-style-type: none"> • ईमेल लेखन • स्वतंत्रता दिवस पर भाषण अभ्यास
अगस्त	पाठ 10 – आचार्य चाणक्य पाठ 10 – मिठाईवाला पाठ 12 – नीड़ का निर्माण फिर-फिर (केवल पठन – राजधर्म)	12. काल 13. वाच्य 14. अव्यय	<ul style="list-style-type: none"> • पोस्टर मेकिंग – 'भारत मेरा देश' • निबंध – स्वतंत्रता दिवस
सितंबर	अर्द्धवार्षिक परीक्षा / दोहराव	अर्द्धवार्षिक पाठों का अभ्यास व पुनरावृत्ति	<ul style="list-style-type: none"> • मॉडल प्रश्न पत्र अभ्यास
अक्टूबर	पाठ 13 – निंदा बनाम समीक्षा पाठ 14 – बूढ़ा कुत्ता पाठ 15 – भेड़ाघाट	15. वाक्य विचार 16. वर्तनी की सामान्य अशुद्धियाँ	<ul style="list-style-type: none"> • पत्र – नगर निगम को सफाई हेतु • दृश्य चित्रण / संवाद लेखन
नवंबर	पाठ 16 – सत्कर्तव्य पाठ 17 – मेरी यूरोप यात्रा पाठ 18 – आत्मनिर्भरता	17. विराम चिन्ह 18. अलंकार 19. मुहावरे और लोकोक्तियाँ	<ul style="list-style-type: none"> • विज्ञापन लेखन • निबंध – बेरोजगारी / आत्मनिर्भर भारत

माह	हिंदी साहित्य	हिंदी व्याकरण	लेखन कार्य / गतिविधियाँ / परियोजना
दिसंबर	पाठ 18 – आत्मनिर्भरता पाठ 19 – रसखान के दोहे व सवैया चीनी लघुकथाएँ (केवल पठन)	20. समानार्थी, विलोम, वाक्य सुधार 19. मुहावरे	<ul style="list-style-type: none"> • कविता पाठ / भावार्थ लेखन • आलेख – 'वायु प्रदूषण की समस्या'
जनवरी	वार्षिक पुनरावृत्ति	व्याकरण पुनरावृत्ति	<ul style="list-style-type: none"> • निबंध लेखन • सूचना / संवाद / अनुच्छेद लेखन
फरवरी	वार्षिक परीक्षा	वार्षिक परीक्षा	—

विशेष गतिविधियाँ / परियोजनाएँ

माह	गतिविधि / कार्य
अप्रैल	भावात्मक वाचन प्रतियोगिता
जून	उत्तराखंड यात्रा पर प्रोजेक्ट
अगस्त	स्वतंत्रता दिवस कवि सम्मेलन
अक्टूबर	वाद-विवाद – निंदा बनाम समीक्षा
दिसंबर	रसखान सप्ताह – दोहे गायन व अर्थ व्याख्या
जनवरी	भाषा सप्ताह – भाषण, निबंध, संवाद लेखन प्रतियोगिता