

Class 7 – Science Annual Syllabus (2025–26)

Month-wise Chapter Plan with Projects & Activities

Month	Chapters	Core Concepts	Suggested Activities / Projects
April	1. Nutrition in Plants	- Autotrophic & Heterotrophic nutrition - Photosynthesis process - Parasites, Saprophytes, Symbiosis	Poster on Photosynthesis Cycle Identification of plant nutrition types
May	2. Nutrition in Animals	- Digestive system in humans & animals - Amoeba nutrition process	Chart of human digestive system Role-play on nutrition in various organisms
June	3. Heat 7. Transportation in Animals and Plants	- Temperature, Thermometers - Circulatory system, Transportation in plants - Transpiration	Measuring body temperature activity Transpiration test on leaves
July	4. Acids, Bases, and Salts 5. Physical and Chemical Changes	- Indicators (Litmus, Turmeric) - Types of changes: Rusting, Crystallization	Acid-base testing using natural indicators Making salt crystals
August	6. Respiration in Organisms 11. Light	- Aerobic and anaerobic respiration - Human respiratory system - Reflection, Lenses, Shadows	CO ₂ detection from exhalation Experiments on reflection using mirrors
September	Half-Yearly Revision & Practice	- Quick revision of April to August chapters - MCQs, short/long questions, HOTS	Group quiz, Concept Mapping, Practice worksheets
October	8. Reproduction in Plants 9. Motion and Time	- Asexual and Sexual reproduction - Seed dispersal, Grafting - Speed, Time-distance graphs	Practical on vegetative propagation Simple pendulum activity to measure time
November	10. Electric Current and Its Effects	- Electric circuits - Magnetic effects - Heating effects	Making a basic electric circuit Experiment on electromagnet
December	12. Forests: Our Lifeline 13. Wastewater Story	- Importance of forests in ecosystems - Water treatment and management	Model of forest ecosystem Project on wastewater treatment plant
January	✓ Annual Revision	- Key concept recap from all chapters - Board-style questions, conceptual deepening	Practice sample papers Science Olympiad-style quiz
February	Final Annual Examination	- Complete syllabus-based evaluation covering April to December	—

Special Month-Wise Projects & Activities Summary

Month	Activity / Project
April	Poster-making on Photosynthesis

Month	Activity / Project
June	Heat and Thermometer demonstration
July	pH testing using turmeric and lemon
August	Reflection and shadow investigation
October	Pendulum experiment to calculate time
December	Wastewater treatment plant model
January	Science quiz, worksheet practice, and concept revision workshops



Class 7 – Mathematics Syllabus (2025–26)

Month-wise Chapters with Projects & Activities

Month	Chapters	Core Concepts	Activities & Projects
April	1. Integers 2. Fractions 3. Decimals	- Operations with integers and decimals - Properties of rational numbers	Number line plotting activity Simplification race with fractions & decimals
May	4. Rational Numbers 5. Exponents	- Equivalent rational numbers - Laws of exponents	Rational number card game ↗ Chart on laws of exponents
June	6. Algebraic Expressions 7. Linear Equations in One Variable	- Terms, factors, coefficients - Solving linear equations	Expression building game Solve daily life equation worksheets
July	8. Ratio and Proportion 9. Unitary Method 10. Percentage	- Direct and indirect proportion - Percentage change	Market price & discount activity Ratio-based project using real-life examples
August	11. Profit and Loss 12. Simple Interest 13. Lines and Angles 14. Properties of Parallel Lines	- Gain/loss calculations - SI formula - Types of angles, angle sums	Shopping profit-loss game Angle drawing with protractor and identification
September	Half-Yearly Revision	- Recap of April–August content	Practice tests, Concept map, Peer quiz
October	15. Properties of Triangle 16. Congruence of Triangles 17. Construction of Triangles	- Types of triangles, Triangle inequality - Construction using SSS, SAS	Paper triangle folding Hands-on triangle constructions with compass & ruler
November	18. Reflection and Rotational Symmetry 19. 3-Dimensional Shapes 20. Mensuration	- Symmetry in nature - Surface area and volume	Symmetry art with paper Solid model creation using cardboard
December	21. Collection & Organisation of Data 22. Bar Graph 23. Probability 24. Activities	- Data handling, Frequency table - Likelihood and outcomes	Survey & chart project Dice-based probability experiment
January	✓ Final Revision (All Chapters)	- Practice based on HOTS, MCQs, real-life math	Weekly revision quizzes Sample paper discussion
February	Final Annual Examination	- Complete syllabus from April to December	—

Projects & Activities Summary

Month	Activity / Project
April	Integer & fraction line plotting, Group quiz
May	↗ Exponent rules chart making
June	Solve-the-equation life-based worksheet

Month	Activity / Project
July	Percentage in real life (survey of discount offers)
August	Angle & parallel lines activity using tracing
October	Compass-based triangle constructions
November	Create 3D models of cube, cuboid, cylinder
December	Mini-project: Conduct a class survey & draw bar graphs



Class 7 – Social Science Syllabus (2025–26)

(History, Geography, Civics with Activities & Projects)

Month	Subject	Chapter(s)	Activities / Projects
April	History	Ch-1: Tracing Changes Through a Thousand Years	Timeline creation of Indian rulers Historical map marking of dynasties
	Geography	Ch-11: Environment	Poster making on "Our Environment – Our Responsibility"
	Civics	Ch-20: On Equality	Role play on discrimination vs equality
May	History	Ch-2: New Kings and Kingdoms Ch-3: The Delhi Sultanate	Chart: List of Delhi Sultans with images and their contributions
	Geography	Ch-12: Inside Our Earth	Rock samples collection with labelled diagram
	Civics	Ch-21: Role of Government in Health	Interview or report on a local healthcare facility
June	History	Ch-3: The Delhi Sultanate	Mughal family tree chart
	Geography	Ch-13: Our Changing Earth	Volcano eruption demo using soda and vinegar
	Civics	Ch-22: Our State Government Works	Group discussion: "If I were an MLA..."
July	History	Ch-4: The Mughal Empire Ch-5: Rulers and Buildings	Drawing/comparison of Mughal vs South Indian temple architecture
	Geography	Ch-14: Air Ch-15: Water	Weather chart tracking for one week
	Civics	Ch-23: Growing Up as Boys and Girls	Collage: Depiction of gender roles in media/textbooks
August	History	Ch-6: Towns, Traders and Craftspersons Ch-7: Tribes, Nomads and Settled Communities	Craftsmanship study project Heritage walk or documentary review
	Geography	Ch-16: Natural Vegetation and Wildlife	Local flora & fauna observation chart
	Civics	Ch-24: Women Change the World Ch-25: Understanding Media	Media diary activity Interview women achievers
September	Revision	Mid-Term Revision	Quizzes, flashcards, sample papers
October	History	Ch-8: Devotional Paths to the Divine	Chart of Bhakti and Sufi saints and their teachings
	Geography	Ch-17: Human Environment – Settlement, Transport, and Communication	Transport and communication scrapbook
	Civics	Ch-26: Markets Around Us	Market visit report or flowchart of product journey
November	History	Ch-9: The Making of Regional Cultures	Presentation on regional art/language/music
	Geography	Ch-18: Human-Environment Interaction: Tropical and Subtropical Regions	Amazon vs Ganga-Brahmaputra comparative chart
	Civics	Ch-27: A Shirt in the Market	Comic strip or storyboard: From cotton

Month	Subject	Chapter(s)	Activities / Projects
			to market
December	History	Ch-10: 18th Century Political Formations	Political map marking of 18th-century kingdoms
	Geography	Ch-19: Life in the Deserts	Model or chart: Life in the desert
	Civics	Ch-28: Struggles for Equality	Poster: "Equality Begins with Me"
January	Revision	Full syllabus revision	Mock tests Peer-led review sessions
February	Final Exam	Annual Examination	—

Projects & Enrichment Activities Summary

Month	Project / Activity
April	Equality skit; Timeline of Indian kingdoms
May	Rock samples display; Public health infographic
June	Family tree of Mughals; Volcano model; MLA role play
July	Weather data chart; Gender equality collage
August	Craftsperson report; Wild flora survey; Women achievers' interview
October	Chart on Bhakti/Sufi saints; Transport comparison scrapbook
November	Regional folk dance presentation; Tropical region project
December	Oasis desert model; Human rights poster

Class 7 – Computer Science Syllabus (2025–26)

(With Practical Activities & Projects)

Month	Chapter / Topic	Project / Practical Activities
April	Ch-1: Number System	➤ Create a presentation on types of number systems (Binary, Octal, Decimal, Hexadecimal)
	Ch-2: Advanced Features of MS Word 2013	➤ Design a formatted document with headers, footers, watermark, and table of contents
May	(Continuation) Advanced Features of Word 2013	➤ Use Mail Merge to create invitation letters or ID cards
June	Ch-3: Advanced Features of MS Excel 2013	➤ Create a marksheet with formulas (SUM, AVERAGE, IF) ➤ Use Conditional Formatting
July	Ch-4: Communication on the Net	➤ Prepare a report on email etiquette and types of internet connections
	Ch-5: Introduction to HTML	➤ Write basic HTML code to create a personal profile webpage (use headings, paragraph, image tag)
August	Ch-6: Adobe Flash CS5	➤ Create a simple animation showing a bouncing ball or flying bird
September	Revision	➤ Conduct quiz on internet terms, HTML tags, Flash tools
October	Ch-7: Adobe Photoshop CS5	➤ Design a creative poster for "Cyber Safety Week" using image editing tools
November	Ch-8: QBasic Programming (Statements)	➤ Write simple programs using INPUT, PRINT, LET, IF-THEN statements
December	Ch-9: Computer Viruses and Antivirus	➤ Create a chart on types of computer viruses and how antivirus programs protect systems
January	✓ Revision	➤ Lab Assessment: Practice tasks from all chapters ➤ Peer demonstration sessions
February	Annual Examination	—

Year-round Assessment Tools:

- **Practical Files:** Students will maintain a file with printouts of Word docs, Excel sheets, HTML code, and Flash screenshots.
- **Lab Tests:** Held quarterly to assess software operation skills.
- **Project Submissions:** Two major projects (1 in Term 1 and 1 in Term 2) evaluated on creativity and software proficiency.
- **IT Quiz Competitions:** Once each term, based on covered syllabus.

Class 7 – General Knowledge Syllabus (2025–26)

(With Enrichment Activities & Current Affairs)

Month	Chapters Covered	Extra Topics / Current Affairs / Activities
April	Chapters 1 to 7	<ul style="list-style-type: none"> ➤ Introduction to India's States & Capitals ➤ Current Affairs (National Symbols, New Education Policy)
May	Chapters 8 to 14	<ul style="list-style-type: none"> ➤ Awareness about Famous Scientists and their Inventions ➤ World Organizations (UN, WHO, UNESCO)
June	Chapters 15 to 21	<ul style="list-style-type: none"> ➤ General Science Facts ➤ Nobel Prize Winners (Recent) ➤ Quiz on Human Body
July	Chapters 22 to 30	<ul style="list-style-type: none"> ➤ Clean India Movement (Swachh Bharat Abhiyan) ➤ Digital India & Cyber Safety Basics
August	Chapters 31 to 40	<ul style="list-style-type: none"> ➤ Indian Freedom Fighters and Constitution Makers ➤ Poster Making: "My Dream India"
September	Revision Month	<ul style="list-style-type: none"> ➤ GK Quiz Competition ➤ Puzzle Solving ➤ Crossword and Current Affairs Bulletin Making
October	Chapters 41 to 47	<ul style="list-style-type: none"> ➤ Disaster Management Awareness ➤ Space & ISRO Achievements (Aditya L1, Chandrayaan missions)
November	Chapters 48 to 54	<ul style="list-style-type: none"> ➤ Civic Duties and Rights ➤ Famous Environmentalists ➤ Debate: "Climate vs Development"
December	Chapters 55 to 60	<ul style="list-style-type: none"> ➤ Olympic Sports and Indian Medalists ➤ India's Neighbours & World Map Activity
January	Final Revision	<ul style="list-style-type: none"> ➤ Mock GK Test ➤ Group Discussion: "Role of Youth in Nation Building"
February	Annual Examination	—

Enrichment Activities & Resources (Monthly Add-ons):

Area	Details
Current Affairs Digest	Monthly 1-page bulletin covering national & international news for children
Value Education Focus	Topics like empathy, kindness, honesty, and responsibility
Quiz Club Activities	Weekly oral quizzes, visual rounds, audio-based riddles
Know Your Nation	Each month, a State of India will be highlighted: language, culture, food
Role Models of India	A monthly feature on inspirational Indians (APJ Abdul Kalam, Mary Kom, etc.)
Reading Corner	Encourage reading " <i>The Young World</i> ", " <i>The Week Junior</i> ", or <i>student newspapers</i>
Class Projects	<ul style="list-style-type: none"> ➤ "Mini Encyclopaedia" Making Activity ➤ Monthly poster or chart making

Assessment Guidelines:

- **Weekly Questions** during assembly or morning classes
- **Monthly GK Worksheets**
- **Term-wise Class Test**
- **Year-end Final GK Quiz**



Class 7 English Syllabus – Literature + Grammar + Writing Skills

Month	Literature Chapters	Grammar & Language Skills	Writing & Comprehension Activities
April	1. The Origin of Mirror 2. The Selfish Giant	1. Sentence 2. Noun	Comprehension Passage 1 Message Writing Essay: "Good Manners"
May	3. The Thief 4. The Determined Dancer	3. Adjective & Degree of Comparison 4. Pronouns (Personal, Number, Gender, Case)	Letter to Principal: Computer Lab Improvement Notice Writing
June	5. Sir Mohanlal and the Soldier 6. Life is a Flow	5. Determiners 6. Verb 7. Finite & Non-Finite Verbs	Essay: "My Favourite Sport" Letter to Health Officer: Garbage Accumulation
July	7. The Horse 8. Adventure of the Polas 9. The Best Advice	8. Modal Auxiliaries 9. Adverb & Degree of Comparison 10. Prepositions 11. Conjunctions	Comprehension Passage 2 Story Writing Notice Writing
August	10. The King and the Tamarind Drum 11. The Muddle-Head 12. The Great Shoemaker	12. Present Tense 13. Past Tense 14. Future Tense 17. Question Tags 27. Synonyms & Antonyms	Essay: "Independence Day" Application for Leave Message Writing
September	Revision	Revision	Recap worksheets Grammar quiz Reading comprehension practice
October	13. Tryst with Destiny 14. Lucky Mr. Nobody	15. Active & Passive Voice 16. Direct & Indirect Speech 18. Punctuation & Capital Letters	Diary Entry Essay: "My Favourite Hobby" Notice Writing: Cultural Program
November	15. Noise Pollution 16. Two Friends	19. Idioms & Proverbs 28. Similes 29. Phrasal Verbs 30. Prefixes & Suffixes	Comprehension Passage 3 Message Writing Essay: "Diwali Celebration"
December	17. Plants Have Life 18. The Man Who Knew Too Much	31. Homophones 32. Understanding Words Better	Story Writing Essay: "Annual Sports Day" Letter to Editor: School Infrastructure Suggestion
January	Final Revision	Comprehensive Grammar Revision	Model Paper Practice: Comprehension, Essay, Application, Letter, Notice
February	Final Examination	Full Syllabus	—

Integrated Skill-Building Ideas:

- **Weekly Vocabulary Booster:** 5 new words with usage

- **Book Talk / Story Corner:** Monthly book summary presentations
- **Peer Editing Sessions:** Feedback on essays and stories
- **Listening Activities:** Audio stories or news summaries
- **Creative Writing Week:** Story/poem competitions



Class 7 Hindi – Combined Annual Academic Syllabus (2025–26)

Month	Literature (साहित्य)	Grammar (व्याकरण)	Writing Skills (लेखन कौशल)	Activities / Projects
April	1. प्रियतम 2. टूटती मर्यादा तेनालीराम राज्य कृष्ण देव (पठन हेतु)	1. भाषा, लिपि एवं व्याकरण 2. वर्ण विचार	पत्र: पुस्तक खरीदने हेतु पिताजी को पत्र निबंध: मोबाइल फोन	संवाद लेखन, पाठ आधारित प्रश्नोत्तर
May	3. भ्रष्ट परंपरा 4. बंकिम चंद्र चट्टोपाध्याय	3. संधि 4. शब्द विचार		
June	5. नीति नयन 6. समर्पण	5. शब्द भंडार 6. शब्द निर्माण: उपसर्ग, प्रत्यय एवं समास	पत्र: स्वास्थ्य अधिकारी को गंदगी की शिकायत निबंध: आतंकवाद	पोस्टर लेखन – "स्वस्थ भारत"
July	7. साहब और माली 8. ठाकुर का कुआं 9. मेरी पहली पुस्तक (इसे जगाओ)	7. संज्ञा 8. संज्ञा के विकार – लिंग, वचन, कारक 9. सर्वनाम	नोटिस लेखन अपठित गद्यांश – 1	भाषण लेखन: स्वच्छता पर
August	10. चिकित्सा का चक्कर 11. गुलेलबाज लड़का 12. केवट प्रेम बहुरंग गांधीजी (पठन हेतु)	10. क्रिया 11. विशेषण 12. काल	निबंध: स्वतंत्रता दिवस आवेदन पत्र: प्रधानाचार्य को अवकाश हेतु	कविता पाठ व संवाद लेखन
September	TERM 1 REVISION	Revision of Grammar (Apr–Aug)	पत्र, निबंध, अपठित बोध, नोटिस लेखन (Revision)	Mock Tests, Oral Revision
October	13. नीलू 14. मनुष्य के सहायक पक्षी	13. अविकारी शब्द	निबंध: भ्रष्टाचार अपठित बोध – 2	MCQ अभ्यास, संवाद लेखन
November	15. पर्यावरण प्रदूषण 16. स्वराज की नींव वरदान मांगूंगा नहीं (पठन हेतु)	14. वाक्य विचार 16. अशुद्धि शोधन	पत्र: खेल सामग्री हेतु चित्र वर्णन	पोस्टर मेकिंग – "प्रदूषण हटाओ"
December	17. भोजन की पौष्टिकता 18. इतने ऊंचे उठो मुल्ला नसरुद्दीन (पठन हेतु)	15. विराम चिन्ह 17. मुहावरे व लोकोक्तियाँ	निबंध: 1. बढ़ती जनसंख्या 2. महंगाई समाचार लेखन	हास्य संवाद लेखन
January	FINAL REVISION	Complete Grammar Revision	निबंध, पत्र, अपठित बोध, अनुच्छेद, नोटिस (Revision)	Mock Test, Practice Sheets
February	---	---	Annual Examination (Literature + Grammar +	मॉडल प्रश्न पत्र

Month	Literature (साहित्य)	Grammar (व्याकरण)	Writing Skills (लेखन कौशल)	Activities / Projects
			Writing)	अभ्यास

Extra Activities (प्रोजेक्ट हेतु):

- संवाद लेखन प्रतियोगिता
- चित्रकला: पर्यावरण संरक्षण
- कविता लेखन प्रतियोगिता: “मेरा सपना भारत”
- संवाद मंचन: “बहुरंग गांधी जी” पर आधारित

