

Class 5

English

Month / Term	Literature / Coursebook	Grammar & Vocabulary	Composition & LSRW
April - May	• Unit 1: Biographies • Poem 1: Heritage & Change	• Sentences: Declarative/Interrogative • Nouns & Pronouns (Advanced)	• Formal Letter (To Principal) • Analytical Reading
July - August	• Unit 2: Adventure & Mystery • Unit 3: Global Culture	• Verbs: Transitive & Intransitive • Perfect Tense (Present & Past)	• Story Writing with Climax • Debate / Group Discussion
September	• Half-Yearly Examination	• Mid-Term Grammar Framework	• Mid-Term Assessment
October - November	• Unit 4: Nature & Wildlife • Poem 2: Reflection	• Adverbs: Frequency & Degree • Prepositions of Direction	• Message / Notice Writing • Diary Entry (Advanced)
December - January	• Unit 5: Humor & Wisdom • Poem 3: Modern World	• Active and Passive Voice (Intro) • Idioms and Phrases	• Paragraph (Argumentative) • Unseen Passage Analysis
February - March	• Annual Examination	• Comprehensive Syllabus Review	• ASL (Assessment of Speaking & Listening)

Maths

Month / Term	Topic / Unit Name	Core Mathematical Concepts	Learning Outcomes (CBSE Aligned)
April - May	1. Large Numbers	• 5 and 6-digit numbers, Indian place value system	• Read, write, and compare numbers up to lakhs.
	2. Addition & Subtraction	• Large-scale estimation and rounding off	• Round off numbers to the nearest 10, 100, 1000.
July - August	3. Multiplication & Division	• Multi-digit operations, unitary method application	• Divide 4-digit numbers by 2-digit numbers.
	4. Factors and Multiples	• Primes, composites, HCF & LCM concept building	• Find factors and common multiples.
	5. Geometry Basics	• Angles, circles (radius, diameter, chord)	• Construct circles using a compass framework.
September	Half-Yearly Examination	• Comprehensive evaluation of Term 1 chapters	• Benchmark real-world application skills.
October - November	6. Fractions	• Proper, improper, mixed, and equivalent fractions	• Perform addition/subtraction on like fractions.
	7. Decimals Introduction	• Tenths and hundredths notation tracking	• Convert basic fractions into decimal format.

Class 5

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	8. Metric System	Complex conversion of metric measures	Solve word problems on distance and weight.
December - January	9. Time, Perimeter & Area	24-hour clock conversions, perimeter formulas	Calculate perimeter of squares and rectangles.
	10. Money Framework	Decimal money operations	Convert 12-hour time intervals to 24-hour clocks.
	11. Data Handling	Representing data using complex bar graphs	Plot and interpret analytical data charts.
February - March	Annual Examination	Final evaluation of complete year's syllabus	Satisfy foundational learning goals for Class 4.

Hindi

महीना / सत्र	पाठ (Literature)	व्याकरण एवं शब्दावली (Grammar)	रचनात्मक लेखन एवं कौशल
अप्रैल - मई	पाठ 1: किरण (कविता)	शब्द विचार (तत्सम, तद्भव, देशज, विदेशी)	औपचारिक एवं अनौपचारिक पत्र लेखन
	पाठ 2: न्याय की कुर्सी	संज्ञा, सर्वनाम, विशेषण का गहन अभ्यास	अपठित काव्यांश विश्लेषण

महीना / सत्र	पाठ (Literature)	व्याकरण एवं शब्दावली (Grammar)	रचनात्मक लेखन एवं कौशल
	पाठ 3: चाँद का कुर्ता		
जुलाई - अगस्त	- पाठ 4: सौदेकान - पाठ 5: सौंदर्य - पाठ 6: चतुर चित्रकार - पाठ 7: मेरा बचपन	- क्रिया के भेद और काल परिवर्तन अभ्यास - कारक के आठ भेद और विभक्तियाँ - पर्यायवाची, विलोम, श्रुतिसमभिन्नार्थक शब्द	- निबंध लेखन (विचारात्मक एवं आत्मपरक) - कहानी को नाटक में बदलना (Role Play Writing)
सितंबर	पाठ 8: काजीरंगा राष्ट्रीय उद्यान की यात्रा	अर्धवार्षिक परीक्षा (Half-Yearly Exam)	वाचन एवं श्रवण कौशल परीक्षा (ASL Term 1)
अक्टूबर - नवंबर	- पाठ 9: न्याय - पाठ 10: तीन मछलियाँ - पाठ 11: हमारे यह कलामंदिर	- मुहावरे और लोकोक्तियाँ - वाक्य के अंग (उद्देश्य और विधेय) - विराम चिह्नों का उन्नत प्रयोग	- संदेश/शुभकामना पत्र लेखन - लघु निबंध / भाषण की रूपरेखा बनाना

महीना / सत्र	पाठ (Literature)	व्याकरण एवं शब्दावली (Grammar)	रचनात्मक लेखन एवं कौशल
दिसंबर - जनवरी	• पाठ 12: गंगा की कहानी	• वाच्य का प्रारंभिक परिचय (कर्तृवाच्य, कर्मवाच्य) • अनेक शब्दों के लिए एक शब्द • शब्दकोश (Dictionary) देखने का नियम	• डायरी लेखन (Advanced Diary Entry) • पोस्टर निर्माण और स्लोगन लेखन
फरवरी - मार्च	• सम्पूर्ण पाठ पुनरावृत्ति	• वार्षिक परीक्षा (Annual Examination)	• व्यापक भाषाई दक्षता एवं मौखिक प्रस्तुतीकरण

Science

Month / Term	Topic / Unit Name	Core Scientific Concepts	Learning Outcomes (CBSE Aligned)
April - May	1. Plant Life: Food Producers	• Photosynthesis, structure of a leaf, stomata	• Explain how plants prepare and store food.
	2. Adaptations in Plants	• Terrestrial, aquatic, insectivorous, and parasitic plants	• Classify plants based on their habitats and structural adaptations.
July - August	3. Adaptation in Animals	• Herbivores, carnivores, omnivores; camouflage	• Identify behavioral and physical survival traits in animals.

Month / Term	Topic / Unit Name	Core Scientific Concepts	Learning Outcomes (CBSE Aligned)
	4. Reproduction in Animals 5. Food and Digestion	- Egg-laying vs. mammals, life cycles (butterfly/frog) - Nutrients, balanced diet, human digestive system	- Trace animal life cycles. - Label major organs of the digestive track and practice healthy eating habits.
September	Half-Yearly Examination	• Evaluation of Units 1 to 5	• Assess conceptual clarity and diagram labeling skills.
October - November	6. Clothes We Wear 7. Matter and Materials 8. Force, Work, and Energy	- Natural vs. synthetic fibers, care of clothes - States of matter (Solids, Liquids, Gases), changes of state - Types of force, simple machines, renewable energy	- Differentiate between types of fibers and their origins. - Demonstrate arrangement of molecules in different states. - Identify daily uses of gravity, friction, and simple machines.
December - January	9. Air, Water, and Weather 10. Our Solar System	Evaporation, condensation, water purification steps	Explain the factors affecting weather changes.

Class 5

Month / Term	Topic / Unit Name	Core Scientific Concepts	Learning Outcomes (CBSE Aligned)
	11. Keeping Our Environment Clean	• Planets, rotation vs. revolution, day and night • Biodegradable vs. non-biodegradable waste, 3 Rs	• Distinguish between planetary movements. • Category waste properly and practice recycling habits.
February - March	Annual Examination	• Comprehensive Full-Syllabus Framework	• Verify academic readiness for Class 4 learning outcomes.

SST

Month / Term	Topic / Unit Name	Core Concepts Covered	Learning Outcomes (CBSE Aligned)
April - May	1. India: Our Country 2. The Northern Mountains 3. The Northern Plains	• Location, political divisions, neighbors • The Himalayas, states in the region, life of people • River basins (Indus, Ganga, Brahmaputra)	• Locate India and its neighboring countries on a political map. • Identify major physical features of Northern India.
July - August	4. The Great Indian Desert	• Thar Desert, climate, vegetation, oasis	• Describe adaptation to life in desert and coastal ecosystems.

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	5. The Southern Plateau & Islands 6. Climate of Our Country	- Deccan plateau, coastal plains, Andaman & Nicobar, Lakshadweep - Seasons: Summer, Monsoon, Winter	Explain the distribution of landforms and seasonal variations across India.
September	Half-Yearly Examination	• Evaluation of Units 1 to 6	Assess map-pointing skills and fundamental physical geography.
October - November	7. Natural Resources: Soils & Forests 8. Water and Mineral Resources 9. Our Agriculture & Industries	- Types of soil, forest types, wildlife conservation - Sources of water, dams, metallic & non-metallic minerals - Major crops (Food vs. Cash crops), types of industries	- Differentiate between renewable and non-renewable resources. - Locate key mining and agricultural zones on an Indian map. - Understand the raw-to-finished goods pipeline.
December - January	10. Transport and Communication 11. Our Rich Heritage & Culture	Evolution of transport, mass media, satellite communication	Trace the development of modern transport and communication network maps.

Class 5

Month / Term	Topic / Unit Name	Core Concepts Covered	Learning Outcomes (CBSE Aligned)
	12. Local Self-Government	• Monuments, languages, dances, and festivals of India • Municipal Committees and Gram Panchayats	• Appreciate Indian cultural diversity. • Understand basic civic administration at the grass-roots level.
February - March	Annual Examination	• Comprehensive Full-Syllabus Framework	• Achieve foundational geographic and civic readiness for Class 4.

Art

Month / Term	Topics & Activities	Medium & Tools Used	Learning Outcomes (CBSE Aligned)
April - May	• Lines and Basic Shapes (Circle, Square, Triangle) • Freehand Scribbling and Doodling	• Jumbo Crayons, Drawing Sheets	• Develop pencil grip and fine motor control. • Identify basic shapes in everyday surroundings.
July - August	• Primary Colors Introduction (Red, Yellow, Blue) • Finger Printing and Vegetable Impression Art	• Watercolors/Poster colors, Ladyfinger, Potatoes	• Recognize and isolate primary colors. • Explore textures using natural elements.

Class 5

Month / Term	Topics & Activities	Medium & Tools Used	Learning Outcomes (CBSE Aligned)
September	Term-1 Internal Assessment	• Portfolio review of April–August artwork	• Assess neatness, color boundaries, and tool handling.
October - November	• Secondary Colors & Simple Coloring (Green, Orange, Purple) • Paper Tearing and Pasting (Collage Work)	• Colored Craft Papers, Glue Sticks, Oil Pastels	• Learn color mixing basics. • Improve bilateral hand coordination through paper tearing.
December - January	• Clay Modeling (Basic Fruits and Vegetables) • Festival Crafts (Diya decoration / Christmas cards)	• Non-toxic Clay/Playdough, Decorative Bindis	• Develop 3D spatial awareness. • Connect artistic expression with cultural celebrations.
February - March	Term-2 / Final Display	• Class Art Exhibition / Final Grading	• Exhibit confidence in displaying personal creative work.

Computer

Month / Term	Topic / Unit Name	Practical / Lab Activity	Learning Outcomes (CBSE Aligned)
April - May	1. Computers Around Us 2. Working of a Computer	• Exploring roles of computers in schools, banks, and hospitals.	• Identify diverse real-world uses of computer technology.

Month / Term	Topic / Unit Name	Practical / Lab Activity	Learning Outcomes (CBSE Aligned)
		• Simple input-output sorting matching games.	• Understand the basic Input-Process-Output (IPO) cycle.
July - August	3. Hardware and Software	• Looking at physical components vs applications.	• Distinguish between physical hardware and internal programs.
	4. Advanced Typing Concepts	• Using Spacebar, Enter, Backspace, and Shift keys in Notepad.	• Type simple sentences with correct punctuation.
September	Term-1 Practical & Assessment	• Notepad typing test and IPO cycle presentation.	• Evaluate baseline processing logic and layout familiarity.
October - November	5. Working with Paint Tools	• Using Color Picker, Magnifier, and Text tools in Paint.	• Modify and edit complex digital drawings.
	6. Introduction to MS Word	• Opening, typing, and saving a document in Word.	• Initialize basic word processing files.
December - January	7. Patterns & Logical Thinking	• Solving step-by-step block puzzles on screen.	• Develop algorithmic thinking patterns.
	8. Safe Use of Technology	• Discussing screen time limits and digital safety.	• Understand the importance of digital health and safety rules.
February - March	Term-2 Final Evaluation	• Project: Creating a short "Thank You" note in MS Word.	• Complete Class 2 core operational frameworks.