

RAINBOW PUBLIC SCHOOL

AFFILIATED TO C.B.S.E (+2)

Month-Wise Syllabus for Std:–‘VII’ (Session : 2026-27)

SUBJECT: – ENGLISH

Month & W. Days	Chapters and Topics to be Taught		Writing Skill & Vocabulary	Moral Values
	Literature	Grammar		
April (20 days)	L-1 : How I Taught My Grandmother to Read L-2 : The Related Muff, Worksheets	Ch-1 : The Sentence Ch-2 : Pronouns	Paragraph Writing	L-1 : God Made Everything
May (12 days)	L-3 : Childhood, Worksheets	Ch-3 : Adjectives	Antonyms & Synonyms	
June (12 days)	L-4 : From Rags to Riches Worksheets	Ch-4 : Degrees of Comparison	Message Writing	L-2 : Ahimsa Parmo Dharma
July (24 days)	L-5 : A Wall, a picture and uncle podger L-6 : Macavity : The Mystery Cat Worksheets	Ch-5 : Verbs Ch-6 : Subject Verb Agreement	Idioms	
Aug. (19 days)	L-7 : The Story of J.K Rowling L-8 : The Whistling Village Worksheets	Ch-7 : Adverbs	Comprehension	L-3 : Let's Do Charity
Sep. (13 days)	L-9 : Wandering Singers L-13 : Indian Festivals – A Spectrum of Unity in Diversity	Ch-8 : Conjunction	Revision for Half Yearly Exam.	
October (19 days)	L-14 : Mahabali, the King L-15 : Where the Mind Is Without Fear Worksheets	Ch-9 : Prepositions	Notice Writing	L-4 : Be Firm Determined
Nov. (19 days)	L-16 : The Tree Huggers Worksheets	Ch-11 : Articles	Diary Entry	L-5 : Be Satisfied
Dec. (22 days)	L-17 : The Elephant Whisperers L-18 : Trees Worksheets	Ch-12 : Tenses	Letter Writing	
Jan. (20 days)	L-19 : The Magic Shop L-20 : The Paradise of Children Worksheets	Ch-13 : Modals Ch-14 : Punctuation	Paragraph Writing	L-6 : Don't Worry, Be Positive
Feb. (14 days)	L-21 : The Haunted Palace Worksheets	Ch-15 : Voices	Revision for Annual Examination	

विषय: – हिन्दी

माह	कार्य दिवसों की संख्या	हिंदी पाठ्य पुस्तक पाठ के नाम	मुख्य बिन्दु	हिन्दी व्याकरण पाठ के नाम	मुख्य बिन्दु
अप्रैल	२०	पाठ-१ हम पंछी उन्मुक्त गगन के (कविता) पाठ-२ भेड़े और भेड़िए (व्यंग्य) पाठ-३ नीलू (रेखाचित्र)	(१) अनुच्छेद श्रुतिलेख (समाचार पत्र द्वारा) (२) कठिन शब्दों के अर्थ (३) किसने-किससे कहा? (४) रिक्त स्थान भरें (५) सही ☒ व गलत ☐ का निशान लगाएँ (६) मिलान करें (७) आशय स्पष्ट करें (८) वैकल्पिक प्रश्नोंत्तर (९) आंतरिक प्रश्नोंत्तर (१०) लघु उत्तरीय प्रश्न (११) दीर्घ उत्तरीय प्रश्न (१२) पाठानुसार व्याकरण	पाठ-१ भाषा, बोली, लिपि और व्याकरण। पाठ-२ वर्ण-विचार, अपठित गद्यांश, अपठित काव्यांश, पर्यायवाची शब्द।	(१) रिक्त स्थान भरें (२) मिलान करें (३) सही ☒ व गलत ☐ का निशान लगाएँ (४) संधि विच्छेद व संधि की पहचान। (५) लिंग बदलें (६) निर्देशानुसार कार्य करें। (७) कारक की पहचान। (८) मुहावरे के अर्थ (९) वैकल्पिक प्रश्नोंत्तर। (१०) आंतरिक प्रश्नोंत्तर। (११) सामान्य प्रश्नोंत्तर।
मई	१२	पाठ-४ सच्ची वीरता (निबंध) पाठ-५ अमावस्या की रात्रि (कहानी)		पाठ-३ संधि (अनुच्छेद लेखन, अनेकार्थक शब्द, विलोम शब्द, डायरी लेखन)	
जून	१२	पाठ-६ शक्ति का सौंदर्य (कविता)		पाठ-४ शब्द-विचार (अपठित गद्यांश, चित्र वर्णन।)	
जुलाई	२४	पाठ-७ जैसी संगति बैठिए (कहानी) पाठ-८ आत्मा का प्रकाश (लेख)		पाठ-६ शब्द रचना (i) उपसर्ग (ii) प्रत्यय पाठ-७ संज्ञा (पत्र लेखन, डायरी लेखन, निबंध लेखन)	
अगस्त	१६	पाठ-१० दोहावली (दोहे)		पाठ-८ संज्ञा के विकारक तत्व (लिंग, कारक) पाठ-१७ मुहावरे अपठित काव्यांश, पत्र लेखन।	
सितम्बर	१३	अर्द्धवार्षिक परीक्षा पुनरावृत्ति			
अक्टूबर	१६	पाठ-११ स्वर्ग (कविता) पाठ-१२ श्रीकृष्ण-कर्ण संवाद एकांकी।	(१) अनुच्छेद श्रुतिलेख (समाचार पत्र द्वारा) (२) कठिन शब्दों के अर्थ (३) किसने-किससे कहा? (४) रिक्त स्थान भरें (५) सही ☒ व गलत ☐ का निशान लगाएँ (६) मिलान करें (७) आशय स्पष्ट करें	पाठ-८ संज्ञा के विकारक तत्व (वचन) पाठ-९ सर्वनाम (अपठित गद्यांश, अनुच्छेद लेखन, विलोम शब्द)	(१) रिक्त स्थान भरें (२) मिलान करें (३) सही ☒ व गलत ☐ का निशान लगाएँ (४) समास विग्रह व समास की पहचान।
नवम्बर	१६	पाठ-१३ गोस्वामी तुलसीदास (जीवन		पाठ-६ समास पाठ-१० विशेषण पाठ-११ क्रिया	

		परिचय) पाठ-१४ कांतिदूत : जय प्रकाश (जीवनी)	(८) वैकल्पिक प्रश्नोंत्तर (९) आंतरिक प्रश्नोंत्तर (१०) लघु उत्तरीय प्रश्न (११) दीर्घ उत्तरीय प्रश्न (१२) पाठानुसार व्याकरण	(काल, वाच्य) अपठित काव्यांश, विज्ञापन लेखन, निबंध लेखन, समरूपी भिन्नार्थक शब्द।	(५) वचन बदलें (६) निर्देशानुसार कार्य करें। (७) वाक्य शुद्ध करें। (८) विराम चिह्न की पहचान। (९) लोकोक्तियों के अर्थ (१०) वैकल्पिक प्रश्नोंत्तर।
दिसम्बर	२२	पाठ-१५ दूसरा हिंदुस्तान (एक परिचय) पाठ-१६ दादाजी की चिट्ठी। पाठ-१७ कच्चे-पक्के मकान (कविता)		पाठ-१२ अविकारी शब्द (क्रिया- विशेषण) पाठ-१३ पद परिचय। पत्र लेखन, सूचना लेखन, अनेक शब्दों के लिए एक शब्द, पर्यायवाची शब्द।	(१०) आंतरिक प्रश्नोंत्तर। (११) सामान्य प्रश्नोंत्तर।
जनवरी	२०	पाठ-१८ हमारी गली (एकांकी) पाठ-१९ साइकिल (निबंध)		पाठ-१४ वाक्य पाठ-१५ वर्तनी एवं वाक्य रचना की अशुद्धियाँ। पाठ-१६ विराम चिह्न। पाठ-१७ लोकोक्तियाँ पत्र लेखन, निबंध लेखन।	
फरवरी	१४	वार्षिक परीक्षा पुनरावृत्ति			

विषय: – संस्कृत

माह	कार्य दिवसों की संख्या	संस्कृत रुग्मिनी	संस्कृत व्याकरण रुग्मिनी
अप्रैल	२०	पाठ-१ : लट् लृट लकारयो आवृत्ति: पाठ-२ : लङ् लकार प्रथम् पुरुषः	पाठ-१ - वर्णविन्यासः वर्णसंयोजनम् च पाठ-२ - उच्चारण - स्थानानि गद्यांश, संवाद।
मई	१२	पाठ-३ : लङ् लकार मध्यम् पुरुषः	पाठ-३ - सन्धि प्रकरणम्
जून	१२	पाठ-४ : लङ् लकार उत्तम् पुरुषः	पाठ-४ - शब्दरूप प्रकरणम् पत्र लेखनम्, वार्तालापः
जुलाई	२४	पाठ-५ : लोटलकारः (आज्ञासूचकः) पाठ-६ : आदर्शा मैत्री पाठ-७ : गुप्तं धनम्	पाठ-५ संख्याः संख्यावाचिशब्दाः च पाठ-६ : उपपदविभक्तयः पाठ-७ : धातुरूपावली
अगस्त	१६	पाठ-८ : शिक्षाप्रदाः श्लोकाः पाठ-९ : प्रदूषण - समस्या	पत्र लेखनम्, चित्रवर्णनम्, वार्तालापः
सितम्बर	१३	पुनरावृत्ति: अर्द्धवार्षिक परीक्षा	
अक्टूबर	१६	पाठ-१० : आदर्शा दिनचर्या (विधिलिङ लकार) पाठ-११ : पाण्डवाः यक्षः च	पाठ-८ : पर्यायाः विपर्ययाः च पाठ-९ : प्रत्ययाः

नवम्बर	१६	पाठ-१२ : ईश्वरस्य लीला पाठ-१३ : नीतिश्लोकाः	पाठ-१० : समयावबोधः पत्र, अनुवादं, अशुद्धि संशोधनम्
दिसम्बर	२२	पाठ-१४ : वार्तालापः (क्त्वा, ल्यप्, तुमुन) पाठ-१५ : कलहस्य दुष्परिणामः पाठ-१६ : अतिलोभः न कर्तव्यः	पाठ-११ : अशुद्धिसंशोधनम् गद्यांश, पत्र, वार्तालापः
जनवरी	२०	पाठ-१७ : महात्मा गाँधी पाठ-१८ : मैट्रो रेल यात्रा	
फरवरी	१४	पुनरावृत्ति: वार्षिक परीक्षा	

SUBJECT: – MATHS

Month & W. Days	Chapters and Topics	Activities	Period
April (20 days)	Ch-1. Understanding Large Number in Daily Lives Topics : Numbers we already know, Introduction to large number, Indian place value system, International place value system, Comparing large numbers, Exact or Approximate?, Patterns using large numbers.	1. Number Detective : Students will identify large numbers from their surroundings and write their place value. 2. Build a number game : Students will form large numbers using given digits and compare them.	15
May (12 days)	Ch-2. Playing with Arithmetic Expression Topics : Simple Arithmetic Expression, Complex Arithmetic Expressions, Terms in Expressions, Swapping and grouping, Rules for working with brackets, Distributive property of multiplication over subtraction.	1. Math Bingo : Students will solve arithmetic expressions using the BODMAS rule. 2. Expression Race : Students will create and solve simple arithmetic expressions.	16
June (12 days)	Ch-3. Exploring of World Beyond the Decimal Topics : Why we use decimal fractions, A Tenth part, A Hundredth part, Decimal place value, Measurement using decimal numbers, Locating decimal numbers on a number line, Addition and subtraction of decimals, More on the decimal system.	1. Shopping Game : Students will perform addition of decimal numbers using real-life situations. 2. Build a number game : Students will arrange and represent decimal number in correct order.	24
July (24 days) + August (19 days)	Ch-4. Expressions using letters and numbers Topics : Algebraic Expressions using letters and numbers, Framing algebraic Expressions using letter-number, The value of an algebraic expression, Terms of an algebraic expression, Simplifying an algebraic expression, Spot patterns and discover Connections, Adding all the numbers.	1. Secret Code Game : Students will evaluate algebraic expression by substituting values. 2. Think of a number : Students will form algebraic expressions from given statements.	31
September (13 days)	Revision for Half Yearly Examination		
October (19 days)	Ch-5. Intersecting and Parallel Lines Explained Topics : Exploring lines on a plane surface, Parallel and perpendicular lines in paper folding,	1. Line Hunt : Students will identify parallel and intersecting lines in their surroundings.	19

	Transversals, Drawing parallel lines, Alternate angles and interior angles on a transversal, Parallel illusions.	2. road Map Drawing : Students will draw and label parallel and intersecting lines.	
November (19 days)	Ch-6. Fun with Numbers and Patterns Topics : How numbers share information, Exploring even and odd number (PARITY), Parity of Grids, Exploring number patterns in 3 x 3 Grids, Magic square, Magic squares in Ancient India, The virahanka - Fibonacci sequence, Cryptarithm Puzzles.	1. Clap Pattern Game : Students will identify and repeat number or action patterns. 2. Number Puzzle : Students will complete and create number patterns.	19
December (22 days)	Ch-7. The story of Three Meeting Lines Topics : Constructing an equilateral triangles with given sides, Constructing a triangle with given sides, Triangle inequality property, Constructing triangles when some sides and angles are given, Angles Sum property of a triangle, Exterior angles of a triangle, Construction involving altitudes of triangles.	1. Triangle Art : Students will create designs using triangles and identify their properties. 2. Stick Triangle Game : Students will form different triangles and observe their sides and angles.	22
January (20 days)	Ch-8. Learning to work with Fractions Topics : Multiplication of fractions, Link Between rectangle area and Multiplying Fractions, Division of fractions, some problems involving fractions, A Glimpse into the past.	1. Pizza Party : Students will represent fractions using diagrams. 2. Fraction Sorting : Students will classify and compare simple fractions.	20
February (14 days)	Revision for Annual Examination		

SUBJECT: – SCIENCE

Month & W. Days	(Chapter & Topics)	Period	H. Y. Marks
April (20 days)	Ch-1. The ever-evolving world of science Topics : What is science and scientific method, History of scientific discoveries, Responsibility in science, Role of measurement and curiosity, Patterns in nature, Science in daily life.	10	10
	Ch-2. Exploring substances : Acidic, Basic and neutral Topics : Neutral substances, Indicators (Natural and synthetic indicators) litmus, turmeric china rose, Acids, uses of acids.	10	15
	Ch-6. Adolescence : A stage of growth and change Topics : Growing with age, The teenage years, Puberty, changes that Indicate reproductive capability, Emotional and Behavioural changes in Adolescents, Making Adolescence a joyful experience, Avoiding harmful substances – Learn to say NO, The ‘Why’ Question for Adolescence.	Make a chart of essential nutrients that helps in the growth of an individual during the time of Adolescence. Follow the pattern : Nutrient → Food sources Sources → Benefits.	17
April + May (12 days)	Ch-2. Exploring substances Topics : Acid rain, Bases, uses of acids & bases, neutralization reaction in our daily life. Activity 1 : An activity to show the nature (acidic / basic / neutral) of common household substances.	12	

June (12 days)	Ch-3. Electricity : Circuits and their components Topics : Electric current and circuit, Battery, heating effect of electric current, difference between LED, CFL and incandescent.	12	15
	Ch-9. Life Processes In Animals Topics : Nutrition in Animals, Human Digestive system, Do all animals digest food the same way as humans do?, Respiration in animals, Respiration in Human, How Respiration happens?, Respiration in other animals.	1. On a white chart draw the diagram of Human digestive system, 2. On a white chart draw the diagram of human respiratory system.	19
June + July (24 days)	Ch-3. Electricity Topics : Cause of large current flow in household electric wiring, Electromagnets, Electric bell conductors and insulators, Electric fuse.	15	
	Activity 1 : To demonstrate the magnetic effect of current. Activity 2 : To make an electromagnet.		
	Ch-4. The World of metals and non-metals Topics : Properties of materials, Physical properties – lustre, malleability, ductility, conductivity.	9	10
August (19 days)	Ch-4. The World of metals & non-metals Topics : Chemical properties – Reaction with air and water acids uses of metals and non-metals, Are non-metals essentials in every day life?	19	
	Activity 1 : To understand the process of rusting.		
	Ch-10. Life Processes In Plants Topics : How do plants grow?, How do plants get food for their growth?, Transportation in plants, Transport of Food, Do plants respire?	Make a chart on photosynthesis, Adopt a plant (native plant) see the difference when the plant grow in the sunlight V/S when the plant grow in the shade. State the differences on a white chart.	20
September (09 days)	Revision for Half Yearly Exam.		
October (19 days)	Ch-5. Changes Around us Topics : Types of changes (Physical & Chemical), Examples and importance of physical changes, Examples and importance of chemical changes, Some other processes involving chemical changes, Combustion, Some slow natural changes.	19	15
	Activity 1 : Burning of magnesium ribbon is a chemical change.	1. On a white chart draw the geometry of solar eclipse,	
	Ch-12. Earth, Moon, And The Sun Topics : Rotation of the Earth, Revolution of the Earth, Seasons on the Earth, Solstice and Equinoxes, Eclipses, Solar eclipses, Lunar eclipses.	2. On a white chart draw the geometry of Lunar eclipse.	25
November (19 days)	Ch-7. Heat transfer in nature Topics : Heat, Conduction of heat, Good conductors of heat & poor conductors of heat, Convection, Application of convection currents, Sea breeze and land breeze, Radiation, Water cycle.	19	10

	Activity 1 : Conduction of heat Activity 2 : Convection in water		
December (22 days)	Ch-8. Measurement of time & motion Topics : Types of motion, Slow and fast motion, Speed & units of speed, Uniform motion and non-uniform motion, measurement of time in ancient times, Units of time simple pendulum. The periodic motion of pendulum utilised in pendulum clocks for measuring time, Distance time graph and scale of variation.	22	13
January (20 days)	Ch-11. Light Topics : Shadows and reflections, What is light, Source of light, Does light travels in a straight line, Light through transparent, Transluscent and opaque materials shadow formation, Reflection of light, Pinhole camera making some useful items.	20	12
February (14 days)	Revision for Annual Examination		

SUBJECT: – S.ST

Month & W. Days	Chapters and Topics	Activity	Period
April (19 days)	Ch-1. The Story of Indian Farming Topics : India's Agricultural Landscape, Echoes from the past, Climate, Seasons and crops, Types of crops, Soil and types, Soil care – Traditional and contemporary approaches, Irrigation – Traditional and contemporary methods, Agricultural practices :- Traditional and Modern Innovations, Green Revolution, Sustainable Agriculture.	On a blank map of India show all the types of soil found in the various regions.	10 + 9
May (12 days)	Ch-2. India and Her Neighbours Topics : The Himalayan Frontier – China, India and Pakistan, A new born neighbor – Bangladesh, Nestled in the Himalayas – Nepal, The 'Land of the Thunder Dragon' – Bhutan, India and Myanmar, A Lanlocked neighbor – Afghanistan, Maritime Neighbour – Sri Lanka, Maldives, Malaysia and Singapore history	On a blank map label India's neighbours.	10+2
June (14 days)	Ch-3. Empires and Kingdoms : 6th to 10th centuries Topics : The 'Great king of kings' – Harshavardhana, Tripartite struggle for Kannauj – The palas, The Pratihars and The Rashtrakutas, Kashmir, The Deccan and Beyond - The Chalukyas, The Pallaves, Foreign Invasions, The Hunas challenge, The Arabs.	On blank maps mark :- Kannauj, Nalanda, Vikramashila, Kanchipuram	14
July (25 days)	Social and Political life :- Ch-6. The State, the Government and you Topics : A state, Government, Democracy and Republic, Legislature and Executive, Judiciary, Levels of Government. Ch-7. Infrastructure :- Engine of India's Development Topics : Infrastructure and its importance, Transportation Infrastructure, Road and Highway Network, Indian Railway Network, Metro Train systems, Communication Infrastructure.	On a colourful chartpaper draw all the levels of Government. Prepare a report on How can better infrastructure help during natural disasters like floods or earthquakes.	12 + 12

August (20 days)	Ch-4. Turning Tides : 11th and 12th Centuries Topics : The Ghaznavid Invasions, Eastern India, The Kakatiyas, The Hoysalas, The Cholas, The Paramaras, Governance, Trade and Cultural life.		19 + 1 (July)
September (09 days)	Revision for Half Yearly Examination		
October (16 days) November (19 days)	Ch-5. India, a Home to Many Topics : The Story of Indian Jews, The Syriac Christian Community, Zoroastrianism, The Arab Merchant Company, The African connection	Collect some information about Homi Jehangir Bhabha and write on a chart paper.	16 + 19
December (22 days) January (19 days)	Ch-8. Banks and the Magic of Finance Topics : Introduction, Bank and Types of Bank Accounts, Offering Loans or credit, Reserve Bank of India, Payment Modes and Systems, Ways to Transfer Money, UPI, Stock Market, Financial Frauds.	Design a poster with dos and don'ts of digital banking safety.	22 + 19
February (17 days)	Revision for Yearly Examination		

SUBJECT: – G.K

Month & W. Days	Chapter Name and Topics
April (20 days)	1. Under Water World, 2. Extinct Animal, 3. Creatures we never knew, 4. Bird Sanctuaries, 5. Superlative of Nature.
May (12 days)	6. Natural Wonders of the World, 7. Unique trees, 8. Medical inventions and inventors, 9. It Teriva, 10. Branchage of science.
June (12 days)	11. Microorganisms, 12. Science in Daily life, 13. Space voyagers, 14. Vitamin power, 15. The pool table.
July (24 days)	16. Matril Arts, 17. Record Breakers, 18. Nantes Olympic, 19. Young champions, 20. Cinema Quiz.
August (19 days)	21. Musical Instruments, 22. The Art of choreography, 23. Biographical Dramas, 24. Awards in Entertainment, 25. Exploring Union Territories.
September (13 days)	Revision for Half Yearly Examination
October (19 days)	26. Banks in India, 27. The Parliaments of India, 28. Glorius Past, 29. Honouring Excellence, 30. The Seven sisters, 31. Business Gaints.
November (19 days)	32. Timeless Treasures, 33. Green Guardians, 34. New seven wonders of the world, 35. Amazing Bridges, 36. Forgotten Cities, 37. Indian Authors.
December (22 days)	38. Nobel Laurate of Literature, 39. Literary Devices, 40. Subject Verb Agreement, 41. Brain Teasers, 42. Missing Letters, 43. Logical Reasoning.
January (20 days)	44. Number Game, 45. Riddles, 46. Optical illusion, 47. Logical Reasoning, 48. Sudoku.
February (14 days)	Revision for Annual Examination

SUBJECT: – COMPUTER

Month & W. Days	Chapter Name and Topics
April (20 days)	Basic of Number system : Binary Number, Decimal Number, Octal Number, Hexadecimal Number, How to convert Decimal to Binary and Binary to Decimal.
May (12 days)	Using Charts in Excel – 2021 Components of Graph, Different chart Formals in Excel, Making a chart, Resizing a chart.
June (12 days)	Using Charts in Excel-2021 Handling chart features, Quick Quiz/Brain Teaser, Customize the look of a chart.
July (24 days)	Exploring Animate CC Further Making a motion Tween Animation, Making a classic Tween Animation, Making smooth shape Tweens, Managing layers in Animate CC, Applying mask effects, Customizing text in Animate CC.
August (19 days)	Creating Lists and Table in HTML How to create list in HTML, Types of list in HTML, How to create table in HTML, Attributes of Table Tag in HTML. Images, Hyperlinks and Frames in HTML Adding Image, Linking web page, Ancortag.
September (13 days)	Adding Audio and Video, making frames, Borders and I frame. Revision for Half Yearly Examination
October (19 days)	Using Conditionals in Python Decision Control Structure, Nested if statement, If else statement.
November (19 days)	Custom App. Creation Android Operating System, ios operating system, Categories of Mobile application, App classifications, Installing software on mobile, Creating an application.
December (22 days)	Principle of Data Science Data Formal, Data varieties, Industry uses of Data, Digital Identify, Digital Services Social media, Internet Banking, Various Payment methods, Weblog, Cloud storage.
January (20 days)	Types of Artificial Intelligence View point on Artificial Intelligence, Types of Artificial Intelligence, Category-I Capability based classification, Category-II based on Functions, Core Components of AI.
February (14 days)	Generate Auto Number in libro office calc Functions in Libre Office Calc, Text Formula, Text Function. Revision for Annual Examination
