RAINBOW PUBLIC SCHOOL

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

Month-Wise Syllabus for Std:-'VIII' (Session: 2025-26)

SUBJECT: – ENGLISH

Month &W. Days	Chapters and To	opics to be Taught	Writing section	Total Period	Marks
	Literature (MCB)	Grammar			
April (19 days)	Ch-1: How I Taught my Grandmother to Read Ch-2: I Cannot Remember My Mother Period – 5	Ch-1: Kinds of Sentences According to function Ch-2: Transformation of Sentences. Period – 10	 Letter to Editor Informal Letter Period – 4	19	
May (12 days)	Ch-3 : Growing up Pains Period – 3	Ch-3: Pronouns Vocabulary Period – 5	 Informal letter Invitations and Replies Periods – 4 	12	
June (14 days)	Ch-4 : The Bear Story Period – 4	Ch-4: Tenses Period – 7	• Story Writing Periods – 3	14	
July (25 days)	Ch-5: Tiger Ch-6: Henry: A Chameleon Ch-7: Chuskit Goes to School Period – 12	Ch-5: Adjectives Ch-6: Determiners Ch-7: Subject and Predicate Period – 9	Narrative EssayDescriptive EssayPeriods – 4	25	
Aug. (20 days)	Ch-8: Courage Period – 4	Ch-8: Subject verb agreement Ch-9: Adverbs Ch-10: Modals Period – 12	• Story Writing Periods – 6	20	
Sep. (09 days)		Revision for Half Yearly Examination		1	
October (16 days)	Ch-9 : The School for Sympathy Period – 5	Ch-11 : Non-finite verbs Ch-12 : Prepositions Period – 8	• Diary Writing Periods – 3	16	
Nov. (19 days)	Ch-10: Overcoming Obstacles Period – 4	Ch-13: Kinds of Phrases Ch-14: Conjunctions Period – 9	 Anecdote writing Informal letter Period – 6 	19	
Dec. (22 days)	Ch-11: Don't Quit Ch-12: The Fire of Hiroshima Period – 10	Ch-15: Kinds of Clauses Ch-17: Conditional clauses Vocabulary Period – 8	 Descriptive passage Letter to Editor Periods – 4 	22	
Jan. (19 days)	Ch-13 : The Bewitched Jacket Period – 4	Ch-19: Active and Passive Voice Ch-20: Directs Indirect Speech Period – 10	 Notice Writing Informal Letter Periods – 5 	19	
Feb. (17 days)		Revision for Annual Examination	1	1	

विषय: – हिन्दी

माह	कार्य दिवसों की संख्या	पाठ के नाम	परियोजना कार्य
अप्रैल	9€	पाठ-१ स्वदेश प्रेम व्याकरण - भाषा, बोली, लिपि और व्याकरण अपठित गद्यांश	
मई	9२	पाठ-२ गुल्ली-डंडा व्याकरण - वर्ण विचार पत्र - लेखन अपठित काव्यांश	
जून	98	पाठ-३ शरणागत की रक्षा पाठ-४ साथी जीव-जंतु व्याकरण - संधि, अनेक शब्दों के लिए एक शब्द, विज्ञापन लेखन।	श्री राम चरित मानस के आधार पर सुग्रीव और राम की सच्ची मित्रता सचित्र विवरण प्रस्तुत कीजिए।
जुलाई	૨૬	पाठ-५ इतने ऊँचे उठो पाठ-६ सच्चा तीर्थयात्री व्याकरण - उपसर्ग, प्रत्यय, क्रिया।	
अगस्त	२०	पाठ-७ भारत की सांस्कृतिक एकता पाठ-८ आत्मनिर्भरता व्याकरण - समास, अनुच्छेद लेखन।	
सितम्बर	£	पुनरावृति अ	अर्धवार्षिक परीक्षा
अक्टूबर	9દ્	पाट-६ हमारी सभ्यता पाट-१० विश्वासघात व्याकरण - काल, वाच्य, संवाद लेखन अपटित गद्यांश।	
नवम्बर	9€	पाठ-११ नार्वे से पत्र पाठ-१२ बैजू बावरा व्याकरण - अविकारी शब्द, पद-परिचय।	मंगलग्रह एवं उनसे संबंधित अभियान के बारे में विस्तार पूर्वक जानकारी प्राप्त कीजिए।
दिसम्बर	२२	पाठ-१३ राम वनगमन पाठ-१४ अफसर व्याकरण - वाक्य रचना, विराम चिह्न, अनुच्छेद लेखन, ई० मेल लेखन, काव्यांश	

जनवरी		पाठ-१५ लेनिनग्राद पाठ-१६ नेताजी का आह्वान व्याकरण - अलंकार, मुहावरे और लोकोक्तियाँ	
फरवरी	90	पुनरावृति वार्षिक परीक्षा	

<u>विषय: – संस्कृत</u>

माह	कार्य दिवसों की संख्या	पाठ	मुख्य बिन्दु / तथ्य	घंटी	संख्या
अप्रैल	9€	पाठ-१ : मूर्खः - अनुचरः पाठ-२ : नीति-श्लोकाः पाठ-१ व्याकरणं खण्डः पुनरीावृति 1+2 पुनरीावृति व्याकरणं	 अध्यापनम्/अर्थम् च शब्दार्थाः/अभ्यासाः अध्यापनम्/अर्थम् च अन्वय/पर्यायपदं शब्दार्थाः/अभ्यासाः वर्णः/परिचयं उदाहरणं च वर्णस्य वर्गीकरणं परिभाषायाः उदाहरणं सहितेन वर्णनम् वर्ग जाँच परीक्षा पुस्तकात् वर्ग जाँच परीक्षा व्याकरणस्य खण्डात् पुनरावृति पूर्ण मसिकायाः 	и ж э » » э » ч	३ ५ २
मई	97	पाठ-३ : क्रिकेट क्रीडकः पाठ-२ व्याकरणं खण्डः	 पाठ परिचयं अध्यापनेन सहितं अर्थ च शब्दार्थाः /विलोमपदं अभ्यासाः अपठित गद्यांशं वर्ण वियोजनं वर्ण संयोजनं 	<i>x</i>	بر 90 90
जून	98	पाठ-४ : स्वास्थय चक्रम् पाठ-३ व्याकरणं खण्डः	 अध्यापनं अर्थेण सिंहतम् शब्दार्थ/पर्यायपदं अभ्यासकार्यम् पत्र लेखनं-१ 	२ १ २ १	ર

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			• प्रत्यांत रूपं	9	
			• धातुरूपाणि		
			• धातुरूप (मूल धातु)		
			• पाठाध्यापनं अर्थेण सहितम्	२	
			• शब्दार्थ/विपर्ययपदं	9	
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			• पाठाध्ययनं अर्थेण सहितं	9	
		पाठ-५ : अतिलोभः न कर्तव्य	• शब्दार्थाः/पर्यायपदे	२	ž
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		पाठ-७ : लौह पुरूषः सरदार बल्लभ		9	
		भाई पटेलः	 पाठाध्यायनं अर्थेण सिंहतं शब्दार्थः, 	૨	
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			पंचलकारे		
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) जनस	, ,	पाट-१० व्याकरणं खण्डः	• परिचयं सर्वे रांताः सर्वे लिङ्गे च	٤	
		नाउ ७७ ज्यानार । ख उः	• विभक्त्यानुसारेण अर्थं	४	
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		पाठ-१४ : फ्रांस देशे देव भाषा	• शब्दार्थाः / पर्यायपदं	7 3	
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		व्याकरणं खण्डः	प्रथमात् – चतुर्थी	8	
			पत्र लेखनं-१, अनुवादं	-	

फरवरी	00	पुनरावृति	 पाठस्य पुनरावृति अनुवादं पुनरावृति चित्रलेखनं /पत्रलेखनं अनुच्छेद लेखनं च
			• शब्दरूप/धातुरूप पुनरावृति

SUBJECT: – **MATHS**

Month &W. Days	Chapters and Topics	No. of Period	Marks
April	L-1. Rational Numbers Topics: Equivalent rational numbers, Standard form of a rational number, Comparison of rational numbers, Absolute value of rational numbers, Operations on rational numbers, Properties of operations on rational numbers, Rational	12	10
(19 days)	numbers on number line, Rational numbers between two given rational numbers. L-2. Exponents and Powers Topics: Integers as exponents of rational numbers, laws of exponents, Numbers in standard form or scientific notation.	7	9
May (12 days)	L-3. Squares and Square Roots Topics: Square of a number & perfect squares, Properties of square numbers, Patterns in square numbers, Finding the square of a number, Square roots, Square roots by repeated subtraction, Prime factorisation and long division, Square roots of positive rational numbers and decimal numbers.	8	8
	L-4. Cubes and Cube Roots Topics: Cube of a number and perfect cubes, Properties of cube numbers, Patterns in cubes. Finding the cube of a number.	4	4
June	L-4. Cubes and Cube Roots Topics: Cube roots, Cube roots by prime factorisation method, Cube roots of rational numbers and decimal numbers, Cube root by estimation method.	4	5
(14 days)	L-5. Playing with Numbers Topics: The generalized form of numbers, Letters for digits or cryptarithms, Tests of divisibility.	10	6
	Revision for 1 st Periodic Test	5	
July (25 days)	L-6. Algebraic Expressions and Identities Topics: Algebraic expressions, Degree of a polynomial, Operations on algebraic expressions, standard Identities.	7	6

	L-7. Factorisation	7	8
	Topics : Factorisation of on algebraic expression, Factorisation using identities, Factorisation of quadratic trinomials.		
	L-8. Linear equations in one variable Topics: Solving a linear equation, Applications of linear equations.	6	6
August (20 days)	L-9. Applications of Percentage Topics: Conversion of fraction to percentage and vice versa, Conversion of ratio to percentage and vice versa, Conversion of decimal to percentage and vice versa, Profit and loss, Discount, Sales tax/G.S.T.	12	10
	L-10. Compound Interest Topics: Compound Interest, Applications of compound interest formula.	8	8
September (09 days)	Revision for Half Yearly Examination		Annual
October	L-11. Direct and Inverse Variations Topics: Direct variation, Inverse variation, time and Work.	7	8
(16 days)	L-12. Understanding Quadrilaterals Topics: Polygons, Interior and exterior angles of a polygon, Regular polygon, Quadrilaterals, Concave & convex quadrilaterals, Special types of quadrilaterals.	9	9
	L-13. Visualizing Solid Shapes Topics: Polyhedrons, Euler's formula, Front, side and top views, Combined 3D Shapes.	4	6
November (19 days)	L-14. Constructions Topics: Construction of quadrilaterals, construction of special quadrilaterals.	6	8
	L-15. Area of Plane Figures. Topics: Area of plane figures, area of quadrilaterals, trapezium and polygons.	9	8
	Revision for 2 nd Periodic Test	5	
December (22 days)	L-16. Surface Area and Volume of solids Topics: Surface area of solids, Cuboids, Cubes and Cylinders.	10	12
(aa uujo)	L-17. Data Handling Topics: Bar graph, Double bar graph, Grouped & ungrouped frequency distribution Histograms.	7	8
January (19 days)	L-17. Data Handling Topics: Pie chart, Probability.	9	8

	L-18. Introduction of Graphs Topics: Cartesian plane, line graphs.	10	5
February (17 days)	Revision for Annual Examination	17	

SUBJECT: – **SCIENCE**

Month &W. Days	Chapters / Topics to be covered	Period	Marks
April	1. Crop Production and Management Agriculture, Crops and their classification, Agricultural practices, Manure and Fertilizers, Irrigation, Animal Husbandry.	9	12
(19 days)	8. Force and Pressure Force – a push or a pull, Effect of force, Types of forces, Pressure, Pressure exerted by liquids and gases, Atmospheric pressure.	10	14
May (12 days)	9. Friction Friction, Factors affecting friction, Types of frictions, Advantages and disadvantages of friction, Increasing and reducing frictions.	12	10
June (14 days)	2. Microorganisms: Friends and Foes Microorganisms, Useful and harmful microorganisms, Commercial use of microorganisms, Communicable and non-communicable diseases, Food preservation, Nitrogen cycle.	14	12
July (25 days)	3. Coal and Petroleum Natural resources, Fossil fuels, Coal, Petroleum, Natural gas, Energy crisis, Conservation of natural resources.	12	10
	4. Combustion and Flame Combustion, How do we control fire?, Fire extinguisher, Flame, Fuels, Environmental impact of fuels, Reducing pollution.	13	10
August (20 days)	 Sound Sound, How sound travels?, Sound produced by human beings, Properties of sound, Characteristics of sound, Speed of sound, Types of sound, Echo, Music and Noise. 	20	12
September (09 days)	Half Yearly Examination		
October (16 days)	5. Conservation of Plants and Animals Biodiversity, Loss of biodiversity, Conservation of biodiversity.	16	10

November	6. Reproduction in Animals Reproduction, Reproduction in humans, Fertilisation, Development of embryo, Oviparous and viviparous animals, Metamorphosis.	10	12
(19 days)	7. Reaching the Age of Adolescence Adolescence, Puberty, Endocrine system, Role of harmones in other organisms, Sex determination, Common problems of adolescence, Staying healthy, Say "No" to drugs.	9	12
December	11. Chemical Effects of Electric Current Electrical conductivity, Chemical effect of electric current, Electrolysis, Electroplating.	12	14
(22 days)	12. Some Natural Phenomena Electric charges, Methods of charging, Transfer of charges, Lightning, Earthquakes.	10	8
January (19 days)	13. Light What makes things visible?, Reflection of light, Laws of reflection, Image formation, Sunlight-white or coloured, What is inside our eyes?, Visually challenged people.	19	14
February (17 days)	Revision for Annual Examination		

$\underline{SUBJECT: -S.ST}$

Month	Chapters and Topics to be covered	Activity / Art	Period	Marks	
&W. Days	Chapters and Topics to be covered	Integration	1 CHOU	Half	Annual
	L-1. Natural Resources Topics: Natural Resources and their types, Utility and value, Different types of Resources.		6	3	
April (19 days)	L- 2. What, Where, When and How Topics: Changing of Geographical categories in Modern Period, Sources to study the period.		7	4	
	L-3. The Indian Constitution Topics: Importance, Need of Law, Working of the Constitution.	Write the preamble of Indian Constitution in a chart paper.	6	3	
May (12 days)	L-4. Natural Resources: Land and Soil Topics: Precious resources, Various factors of degradation, Methods to save resources.	Make a project report on any of the multipurpose river valley projects started by Indian government, like the Bhakra Nangal. Write how these projects are useful for human survival.	12	4	

June (14 days)	L-5. From Traders to Rulers: Colonial Army and Administration Topics: Political Impact of the British, Act to Bring Administrative Reforms, Judicial Organization, The Rule of Law.		14	7	
	L-6. Rural Life and Society		7	7	
	Topics : System of Land Revenue collection, Commercial crops, Peasant Revolts.				
	L-7. Secularism and Fundamental Rights Topics: Secularism in India, Fundamental Rights and Duties, Upliftment of		6	8	
July (25 days)	Marginalised groups.	Why conservation of water resources are	6	0	
	L-8. Natural Resources: Water, Natural Vegetation and Wildlife Topics: Water Scarcity and methods to conserve water, Types and the factors which affect the growth of vegetation, Maintenance of the Ecology.	important. Write the methods of conservation of water on an A-4 size paper.	6	7	
	L-9. Colonialism and Tribal Societies Topics: Tribal Societies, Movements, Tribal Revolts in the North-East, The Tribes of the North-East.	Prepare a report on how Bill becomes a law in the parliament. Discuss every aspect of the Bill	6	7	
	L-10. Parliamentary Government Topics: Parliament form of Government, Organs of the Indian Government, Functions of the Parliament.	in the detail after presenting this report in the class.	5	7	
August (20 days)	L-11. Rebellions Topics: The nature and reasons of the Revolt, The spread of the Revolt, Causes of the failure of the Revolt of 1857.	Write the Laws against Domestic violence on an A-4 size paper.	5	8	
	L-12. Understanding Laws Topics: Laws in India, Laws during the British rule, Laws against Domestic Violence, Citizens role in making laws, Unpopular and Controversial Laws.	Write down the following details about any one monument that you visit in your life.	5	7	
	L-13. Colonialism and Urban Change Topics : Urbanisation during British Colonial Period, De-Urbanization in the 19 th Century, Leading Cities of India.	(i) name of the monument. (ii) Where is it found. (iii) Who built it. (iv) When was it built.	5	8	8
September (09 days)	Revision for Half Yearly Examination				
October (16 days)	L-14. The Judiciary Topics: Judiciary, The Supreme Court, High Court, Need and Impartance of Courts, Subordinate Courts.		5		3

	L-15. Agriculture Topics: Different kinds of Agriculture, Factors which affect Agriculture, Distribution of different crops, Comparison between farms of India and the USA.	Write the methods by which we do development in agricultural sector.	5	3
	L-16. Colonial Education and its impact Topics: Introduction of English Education, Social Reformers, Reform Movements, Classical Heritage.	Write information about any one new spirit writer of India. Also, write information about	6	3
	L-17. Marginalization Topics: Scheduled Castes, Scheduled Tribes, Other Backward Classes, Minorities, Provisions for the Upliftment of the Marginalized Communities.	their contribution to Indian education taking some clues from the internet.	4	4
November (19 days)	L-18. Manufacturing Industries Topics: The concept of Industries, The factors affecting the location of an Industry, The importance of Industries, Types of Industries.	Write a short note on Iron and Steel Industry, Take a example of your	4	5
	L-19. Women and Reform Movements in India Topics: Social Evils, Social Reformers in Bengal and in North India, Role of Literature in Women's Upliftment.	own city Bokaro.	6	5
	L-20. Social Reformers and the Caste system Topics: The Caste system, The Criticism of Caste system, Movements against Caste system.		5	5
December	L-21. Economic and Social Justice for the Marginalised Groups Topics: How Rights are transformed into Laws, Forms of Untouchability, Manual Scavenging, Laws for the Marginalised communities.		5	7
(22 days)	L-22. Human Resources Topics: Density and Distribution of Population, Population Growth, Population Change, Population Distribution, Human Resource in India.		6	7
	L-23. Rise of Indian Nationalism Topics: Causes for the Rise of Nationalism, Rise of Political Parties, Struggle for Freedom.		5	8
January (19 days)	L-24. Economic Presence of the Government Topics: Various Plans of the Government, Improvement and Development in various fields.	Prepare a project report on the Five Year Plans of India.	6	7
	L-25. Struggle for Independence 1919-1947 Topics: Role of Gandhiji in Freedom Struggle, Civil Disobedience Movement, The	Make a project report	10	7

	Revolutionary Movement, Round Table Conference, Constitutional Reforms, India towards Independence, The Partition of India L-26. Law and Social Justice Topics: Importance of Laws, Implementation of Laws, Laws against Child Labour, Phopal Gas Tragedy, New Laws to protect the Environment, Environment as a Public Facility.	on the contribution of Mahatma Gandhi in the freedom struggle and also write the ideas of Gandhiji.	9		8
February (17 days)	Revision for Annual Examination				

$\underline{SUBJECT: -G.K}$

Month &W. Days	Chapters / Topics to be discussed		
April	I. Plants and Animals		
(19 days)	1. Bacteria, Fungi and Algae, 2. Animals of the cold region, 3. The Plant Kingdom, 4. Desert Animals.		
May (12 days)	6. Animal Migration, 7. Social Insects, 8. Extinet Animals and Plants, 9. Animal Crossword.		
	10. Plants of rainforests, 11. Who am I?, 12. Amazing animals		
June			
(14 days)	II. Our Motherland		
	13. Indian Personalities, 14. All India Services, 15. First Indians, 16. Indian Heritage Sites, 17. India in the Mughal period.		
	18. Polity of India, 19. South India, 20. Incredible India, 21. Cities of India, 22. British India, 23. India's Institutions.		
July			
(25 days)	III. World's View		
	24. World's prominent leaders, 25. World's Universities.		
August	26. Pilgrimages of the world, 27. Countries and continents, 28. Strange buildings, 29. Explorers, 30. Nicknames of countries, 31.		
(20 days)	Famous Mosques, 32. Inspiring Personalities.		
September	Revision for Half Yearly Examination		
(09 days)			
October	IV. Language and Literature		
(16 days)	33. Literary Personalities, 34. World Literature, 35. Phobias, 36. Idioms, 37. Regional Languages, 38. Famous Poets, 39. Literary Devices.		
November	V. Science and Technology		
(19 days)	40. Internet Stalwarts, 41. Great Scientists, 42. Celestial Wanders, 43. Scientific Appliances, 44. Science Around Us, 45. Tool Box.		
December	VI. Sports and Entertainment		
(22 days)	46. Let's Dance, 47. Gymnastics, 48. Sports in My Blood, 49. Martial Arts, 50. Cups and Trophies, 51. Guess the sport.		
January	VII. Logical Reasoning		
(19 days)	52. Analogy, 53. Odd one out, 54. Sequencing, 55. Brain Teasers, 56. Mathematical Operations, 57. Ranking		

Revision for Annual Examination

SUBJECT: – **COMPUTER**

Month (WD)	Chapter	Theory	Practical / Project
APRIL(19)	1. Living with Al	* Introduction : AI 1. Smart Home , How to Make a Home Smart, 3. Advantages of Smart Homes 4. Robots and Robotics, Explain Types of Robots 5. Careers in AI	 Make a Model of Smart City or Smart Home Describe any Al-related job of your choice.
MAY(12)	2. Possibilities of Al	 Domains of AI, Ai helps in Achieving SDGs, Key AI Trend AI Ethics, Bias in AI, Access in AI Need for AI Ethics 	Make a scrapbook writing different domains of AI using ChatGPT . Draw or paste symbols of SDGs LOGO and Explain .
JUNE(14)	3. AI – Extended Reality	Augmented Reality / Virtual Reality (VR) Mixed Reality , World of Metaverse	·
	4. Image , Link and Forms in HTML	Inserting Images , Link web Pages Use of Marquee, Create Form	Develop an HTML form to collect user information
JULY(25)	5. List and Table in HTML	Unordered Lists, Ordered List, Description Lists, CSS List Properties Tables in HTML	Develop an HTML form to demonstration the use of various types of list and table
AUG(20)	6 E-Commerce and Computer Ethics	E-commerce : Sites in India, How it works , Classification of E-commerce Ethics	
SEPT(09)	8. Understanding Algorithm and Their Sequencing	Process to write Algorithms, Flowchart	
ОСТ(16)	7. Data Science	Introduction to Data, Types of Data, use of data, What is Data Science, goal of Data Science, Data Visualisation	

NOV (19)	Introduction : Python	a. Mathematical operationsb. If – Elsec. While LoopFor Loop	print the length of the list print the elements from second to fourth position using positive indexing print the elements from position third to fifth using negative indexing Create a list of first 10 even numbers, add 1 to each list item and print the final list.
DEC(22)	9. Functions and Arrays in Python		
JAN (19)	10. Sorting and Searching in Python	Create a list List_1=[10,20,30,40].	Add the elements [14,15,12] using extend function. Now sort the final list in ascending order and print it.
FEB (17)	Revision for Annual Examination		
