

BHARTIYA VIDYA BHAVAN, KOCHI
YEAR PLAN FOR THE ACADEMIC YEAR 2024-25

STD - VII ENGLISH

MONTH	MAIN TEXT [HONEYCOMB]	SUPPLEMENTARY READER [AN ALIEN HAND]	GRAMMAR	WRITING
JUNE [21 Days]	Unit - 1 Three Questions The Squirrel (Poem)	Unit - 1 The Tiny Teacher	Words used as noun, verb and adjective. If Clause (Simple Present Tense) - Unit- 2 A Gift of Chappals	Dialogue Writing
JULY [24 Days]	Unit - 3 Gopal and the Hilsa-fish The Shed (Poem)	--	Reported Speech (Present tense- Interrogative & Statements)	Picture Composition
AUGUST [20 Days]	Unit 2 The Rebel (Poem) Unit 4 The Ashes That Made Trees Bloom	Unit -2 Bringing Up Kari	-	-
SEPTEMBER [16 Days]	Unit - 7 The Invention of Vita- Wonk Dad and the Cat and the Tree (Poem)	Unit - 3 Golu Grows a Nose	Use of 'Do' 'Does' 'Did'	Short paragraph writing
OCTOBER [22 Days]	Unit- 2 A Gift of Chappals (Reading Only) Unit -5 Quality	-	Phrasal Verbs	Story Writing based on the given points
TERM END EVALUATION [OCTOBER 18 - 30]				

NOVEMBER [24 Days]	Unit - 4 Chivvy (Poem) Unit 5 Trees (Poem) Unit - 6 Expert Detectives	-	Question Words, Articles, Punctuation	Paragraph Writing
DECEMBER [17 Days]	Unit 8 A Homage to Our Brave Soldiers(Reading only)	Unit 4 - Chandni	--	Dialogue Writing Pg 98 Informal Letter
JANUARY [24 Days]	Unit 6 Mystery of the Talking Fan (Poem)	Unit -5 The Bear Story	Idioms	-
MID TERM EVALUATION II [JANUARY 3 - 10]				
FEBRUARY [22 Days]	Unit -7 Garden Snake (Poem) Unit -8 Meadow Surprises (Poem)	Unit - 6 A Tiger in the House Unit - 7 An Alien Hand	--	Write a Short Poem
MARCH [17 Days]	REVISION			
FINAL EXAMINATION [MARCH 10 -21]				

STD VII- HINDI

MONTH	TOPIC	SUB-TOPICS	CONCEPTS
जून	वर्णमाला, मात्राएँ (पुनरावृत्ति) हम पंछी उन्मुक्त गगन के (पठित पद्यांश) हिमालय की बेटियाँ (पठित गद्यांश) महाभारत कथा (पठित गद्यांश) देवव्रत(वाचन) विशेषण-विशेष्य रचना-स्वतंत्रता का महत्व(केवल अभ्यास के लिए)	पर्याय , एक शब्द, प्रश्नोत्तर, विशेषण-विशेष्य (पाठ के आधार पर)	स्वतंत्रता का महत्व हिमालय और नदियों का मानवीकरण करते हुए हिमालय से निकलनेवाली नदियों के नाम,उत्पत्ति स्थल और उनके बदलते रूप से परिचित करवाना ।

जुलाई	मिठाईवाला (पठित गद्यांश) भीष्म प्रतिज्ञा (पठित गद्यांश) अंबा और भीष्म , विदुर(केवल वाचन) विशेषण के भेद	पर्याय, विलोम, प्रश्नोत्तर (पाठ के आधार पर)	मनुष्य अपने दुःख के समय में भी दूसरों के प्रति अपने मन में परोपकार की भावना रखना चाहता है तो उसे मानसिक सुख और शांति प्राप्त होते हैं ।
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MID TERM EVALUATION I PORTIONS - हम पंछी उन्मुक्त गगन के, हिमालय की बेटियाँ, पठित गद्यांश और पद्यांश, महाभारत कथा, भीष्म प्रतिज्ञा (पठित गद्यांश), विशेषण-विशेष्य, , विशेषण के भेद

अगस्त	कठपुतली (पठित पद्यांश) कारक - आठ भेद कुंती (पठित गद्यांश) भीम(केवल वाचन) अनुच्छेद लेखन- जल संरक्षण (कॉपी में लिखने के लिए)	प्रश्नोत्तर (पाठ के आधार पर)	परतंत्रता का जीवन जीना कोई नहीं चाहता है ।
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सितंबर	भोर और बरखा (केवल वाचन) रहीम के दोहे (1,3 & 4) कर्ण (पठित गद्यांश) क्रिया के भेद अपठित गद्यांश रचना- परोपकार(केवल अभ्यास के लिए)	दोहा 1, 3, 4 भावार्थ	नैतिक मूल्यों का विकास
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TERM END EVALUATION I PORTIONS - हम पंछी उन्मुक्त गगन के, हिमालय की बेटियाँ, मिठाईवाला,कठपुतली, रहीम के दोहे, पठित गद्यांश और पद्यांश (वसंत के आधार पर), कारक और भेद , क्रिया के भेद ,उपपाठ - कुंती, कर्ण (पठित गद्यांश), अपठित गद्यांश, अनुच्छेद लेखन- जल संरक्षण

अक्तूबर	खानपान की बदलती तस्वीर(क्रियाकलाप - कला समेकित) शाम एक किसान (पठित पद्यांश) उपपाठ : द्रोणाचार्य, लाख का घर (पठित गद्यांश) पांडवों की रक्षा - वाचन मुहावरे	पर्याय , प्रश्नोत्तर (पाठ के आधार पर)	प्रकृति के स्वाभाविक सौंदर्य को निहारकर उसके आनंद का रसास्वादन करना ।
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नवंबर	नीलकंठ (पठित गद्यांश) वीर कुंवर सिंह(केवल वाचन) संधि उपपाठ - द्रौपदी स्वयंवर (पठित गद्यांश) इंद्रप्रस्थ, जरासंध, शकुनि का प्रवेश - वाचन चित्र-वर्णन	एक शब्द, पर्याय, विलोम, प्रश्नोत्तर, संधि (पाठ के आधार पर)	मानव और पक्षियों के आपसी प्रेम का रोचक वर्णन । प्रकृति के स्वाभाविक सौंदर्य को निहारकर उसके आनंद का रसास्वादन करना ।
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दिसंबर	अपूर्व अनुभव(केवल वाचन) चौसर का खेल तथा द्रौपदी की व्यथा (पठित गद्यांश) धृतराष्ट्र की चिंता(वाचन) भूतकाल(अकर्मक)	भूतकाल के भेद और परिवर्तन	व्याकरण शिक्षा
MID TERM EVALUATION -2 PORTIONS- शाम एक किसान , नीलकंठ(पठित गद्यांश और पद्यांश), मुहावरे ,भूतकाल -अकर्मक , उपपाठ -द्रोणाचार्य, लाख का घर ,द्रौपदी स्वयंवर			

जनवरी	एक तिनका (पठित पद्यांश) भीम और हनुमान , शांतिदूत श्रीकृष्ण (पठित गद्यांश) द्वेष करनेवाले का जी नहीं भरता, मायावी सरोवर, यक्ष प्रश्न, अज्ञातवास, प्रतिज्ञा पूर्ति, विराट का भ्रम, मंत्रणा, राजदूत संजय(वाचन) भूतकाल (सकर्मक)	पर्याय, प्रश्नोत्तर (पाठ के आधार पर) पूरी कविता कंठस्थ करना	हमें स्वयं पर कभी घमंड/अहंकार नहीं करना चाहिए।
फरवरी	संघर्ष के कारण में तुनुकमिजाज हो गया -धनराज (पठित गद्यांश) शांतिदूत श्रीकृष्ण (पठित गद्यांश) विज्ञापन लेखन ,संवाद - लेखन व्याकरण-उपसर्ग,प्रत्यय अपठित गद्यांश	पर्याय, विलोम, प्रश्नोत्तर (पाठ के आधार पर)	जमीन से उड़कर आसमान का सितारे बने धनराज पिल्लै की जीवनी का परिचय।
मार्च	पुनरावृत्ति		
FINAL EXAM PORTIONS- हिमालय की बेटियाँ, रहीम के दोहे, एक तिनका, नीलकंठ, संघर्ष के कारण में तुनुकमिजाज हो गया- धनराज, पठित गद्यांश और पद्यांश (वसंत के आधार पर) द्रौपदी स्वयंवर, चौसर का खेल तथा द्रौपदी की व्यथा, भीम और हनुमान, शांतिदूत श्रीकृष्ण (पठित गद्यांश) , भूतकाल(सकर्मक), क्रिया और भेद , उपसर्ग-प्रत्यय, रचना - सत्संगति , विज्ञापन, अपठित गद्यांश			

MALAYALAM
CLASS - VII

MONTH	TOPIC	SUB-TOPICS	CONCEPTS	EVALUATION
JUNE	മായാത്ത കാഴ്ചകൾ	ഗാനം കേട്ട നേരം (പദ്യം)	കവി, കാലഘട്ടം , പ്രസ്ഥാനം, പ്രാചീന കവിത്രയം	
JULY	ഓർമ്മയുടെ ജാലകം	അളകന്നയിലെ വെള്ളാരങ്കല്ലുകൾ (ഗദ്യം) കർത്താവ്, കർമ്മം, ക്രിയ	സാഹിത്യ പ്രസ്ഥാനം, സഞ്ചാരസാഹിത്യകാരന്മാർ, സ്ഥലം - കാലം - സാമൂഹികാവസ്ഥ	MID TERM EVALUATION 1. 1.ഗാനംകേട്ട നേരം 2 അളകന്നയിലെ വെള്ളാരങ്കല്ലുകൾ. കർത്താവ്, കർമ്മം, ക്രിയ
AUGUST	സ്വപ്നങ്ങൾ വാക്കുകൾ	വീണപുവ് (പദ്യം)	കവി, പ്രസ്ഥാനം, ആധുനിക കവിത്രയം	
SEPTEMBER	ചിറകുള്ള ചിത്രങ്ങൾ	അരങ്ങുണരുന്നൂ (ഗദ്യം)	നാടകം, ഓർമ്മക്കുറിപ്പ് , ലേഖകൻ , ദൃശ്യകലകൾ	
OCTOBER	എത്രയും ചിത്രം ചിത്രം!	മായപ്പൊന്മാൻ (പദ്യം)	ഭാരതീയേതിഹാസങ്ങൾ, ഭാഷാപിതാവ്, പ്രസ്ഥാനം , കവി, പ്രാചീന കവിത്രയം	TERM END EVALUATION. 1.ഗാനംകേട്ട നേരം 2.അളകന്നയിലെ വെള്ളാരങ്കല്ലുകൾ 3.വീണപുവ് 4.അരങ്ങുണരുന്നൂ അവധാരണം യാത്രാവിവരണം.

NOVEMBER	ജീവൽസ്മരണങ്ങൾ	കൊച്ചുനൂജൻ (പദ്യം)	ശക്തിയുടെ കവി, കവിതയിലെ ഭാവുകത്വം, മനുഷ്യബന്ധങ്ങളുടെ ആഴവും പരപ്പും	
DECEMBER	സ്വപ്നങ്ങൾ വാക്കുകൾ	എനിക്ക് ഒരു സ്വപ്നമുണ്ട് -ഗദ്യം (വാചികം) വിഭക്തി, അവധാരണം	വർണ്ണവിവേചനത്തിനെതിരെ പോരാടിയവർ, പ്രസംഗകല, വർണ്ണവിവേചനം പ്രമേയമാക്കിയ രചനകൾ.	
JANUARY	അറിവായ് നിറവായ്	മീനുകളുടെ ആകാശവും പറവകളുടെ ഭൂമിയും (ഗദ്യം)	ആധുനികത, കഥാകൃത്തു, പാരിസ്ഥിതികാവബോധം, സ്വതന്ത്രചിന്ത, തടവിലാക്കപ്പെടുന്ന ബാല്യങ്ങൾ	MID TERM EVALUATION II 1. മായപ്പൊന്മാൻ 2. കൊച്ചുനൂജൻ വിഭക്തി
FEBRUARY	ചിറകുള്ള ചിത്രങ്ങൾ	മീനുകളുടെ ആകാശവും പറവകളുടെ ഭൂമിയും (ഗദ്യം തുടർച്ച) ഒരു മനുഷ്യൻ (വാചികം) കത്ത (ഔദ്യോഗികം)	മാനവികത, സഹായമനസ്സുത, ചെറുകഥാസാഹിത്യം	
MARCH		പ്രയോഗം മാറ്റുക ആവർത്തനപാഠം	വാക്യ പരിവർത്തനം	FINAL EXAMINATION 1. അരങ്ങുണരുന്നൂ 2. മായപ്പൊന്മാൻ 3. കൊച്ചുനൂജൻ 4. മീനുകളുടെ ആകാശവും പറവകളുടെ ഭൂമിയും 5. കത്ത(ഔദ്യോഗികം) 6. അവധാരണം 7. വിഭക്തി 8. പ്രയോഗം മാറ്റുക

MATHEMATICS

STD VII			
MONTH	TOPIC	SUB-TOPICS	CONCEPTS
JUNE	1. INTEGERS	INTRODUCTION OF INTEGERS	
		PROPERTIES OF ADDITION AND SUBTRACTION OF INTEGERS	Closure property ,Commutative property , Associative property ,Additive identity .
		MULTIPLICATION OF INTEGERS	Multiplication of positive and negative integers ,multiplication of negative and negative integers.
		PROPERTIES OF MULTIPLICATION OF INTEGERS	Closure property ,Commutative property , Associative property, Multiplication by zero , Multiplicative identity ,Distributive property
		DIVISION OF INTEGERS	Division of positive and negative integers , division of negative and negative integers.
		PROPERTIES OF DIVISION OF INTEGERS	Division by zero ,zero divided by an integer
	2. FRACTIONS AND DECIMALS	MULTIPLICATION OF FRACTIONS	Multiplication of fraction by a whole number, Fraction as an operator of Multiplication of fraction by a fraction ,value of the products.
		DIVISION OF FRACTIONS	Division of whole number by a fraction, Reciprocal of fraction, Division of a fraction by a whole number,division of fraction by a fraction

JULY	2.FRACTIONS AND DECIMALS (CONTD)	MULTIPLICATION OF DECIMAL NUMBERS	Multiplication of decimal numbers by 10,100 and 1000 , multiplication of decimal number by whole numbers and decimal numbers
		DIVISION OF DECIMAL NUMBERS	Division by 10,100 and 1000 ,Division of decimal numbers by whole numbers and decimal numbers.
	12. SYMMETRY (ACTIVITY ONLY)	LINE SYMMETRY	Line of symmetry
		ROTATIONAL SYMMETRY	Centre of rotation , Angle of rotation
	3.DATA HANDLING	REPRESENTATIVE VALUES- ARITHMETIC MEAN,RANGE, MODE ,MEDIAN	Mean,Median ,Mode ,Range

MID TERM EVALUATION I - CHAPTERS 1,2

AUGUST	3.DATA HANDLING (CONTD)	BAR GRAPH	Choosing a scale, bar graph,double bar graph
	4.SIMPLE EQUATIONS	SETTING UP AN EQUATION	Write equations for the statement
		WHAT EQUATION IS ?	Form statements for the equations
SEPTEMBER	4.SIMPLE EQUATIONS(CONTD)	SOLVING AN EQUATION,MORE EQUATIONS	Trial and error method
		APPLICATION OF SIMPLE EQUATIONS TO PRACTICAL SITUATIONS	Solve equations by transposing method

TERM END EXAMINATION I - CHAPTERS 1,2,3,4,5

SEPTEMBER	5.LINES AND ANGLES	RELATED ANGLES	Complementary and supplementary angles
		PAIRS OF LINES	Pair of lines – intersecting lines , transversal , angles made by a transversal - Corresponding, Cointerior , alternate interior angles
		CHECKING FOR PARALLEL LINES	Conditions for a pair of lines to be parallel

OCTOBER	8.RATIONAL NUMBERS	WHAT ARE RATIONAL NUMBERS ?	Numerator and denominator, equivalent rational numbers
		POSITIVE AND NEGATIVE RATIONAL NUMBERS	Positive and negative rational numbers
		RATIONAL NUMBERS ON NUMBER LINE	Rational numbers on a number line
		RATIONAL NUMBERS IN STANDARD FORM	Rational numbers in standard form
		COMPARISON OF RATIONAL NUMBERS	Comparison of rational numbers

NOVEMBER	8.RATIONAL NUMBERS(CONTD)	RATIONAL NUMBERS BETWEEN TWO RATIONAL NUMBERS	Rational numbers between two rational numbers
		OPERATIONS ON RATIONAL NUMBERS	Addition, subtraction, multiplication, division of rational numbers
	6.TRIANGLE AND ITS PROPERTIES	ALTITUDE AND MEDIAN OF TRIANGLE	Altitude and median of triangle
		EXTERIOR ANGLE OF A TRIANGLE AND ITS PROPERTIES	Exterior angle property of triangle
		ANGLE SUM PROPERTY OF TRIANGLE	Angle sum property of triangle
		TWO SPECIAL TRIANGLES	Equilateral and isosceles triangle
	6.TRIANGLE AND ITS PROPERTIES	SUM OF LENGTH OF TWO SIDES OF TRIANGLE	Sum of length of two sides of a triangle
		RIGHT ANGLE TRIANGLE AND PYTHAGORAS THEOREM	Pythagoras theorem
	11.EXPONENTS AND POWERS	EXPONENTS	Introduction
		LAWS OF EXPONENTS	Multiplying powers with same base, dividing powers with same base, taking power of a power, multiplying powers with the same exponents, dividing powers with same exponents
		EXAMPLES USING THE LAWS OF EXPONENTS	Examples using the laws of exponents

DECEMBER	11.EXPONENTS AND POWERS(CONTD)	DECIMAL NUMBER SYSTEM	Expressing large numbers in standard form
	7.COMPARING QUANTITIES	PERCENTAGE	Meaning , percentage when total is not hundred ,Converting fractional numbers and decimals to percentage , converting percentage to fractions or decimals
		USE OF PERCENTAGES	Interpreting percentage, converting percentage to how many?Ratios to percentage ,increase or decrease as percent.

MID TERM II CHAPTERS 6,8,11

JANUARY	7.COMPARING QUANTITIES(CONTD)	PRICES RELATED TO AN ITEM OR BUYING AND SELLING	Profit or loss as percentage
		SIMPLE INTEREST	Interest for multiple years
	9.PERIMETER AND AREA	AREA OF PARALLELOGRAM	Area of parallelogram
		AREA OF TRIANGLE	Area of triangle
		CIRCUMFERENCE AND AREA OF CIRCLE	Circumference and area of circle
FEBRUARY	10.ALGEBRAIC EXPRESSIONS	HOW ARE EXPRESSIONS FORMED?	Introduction,variables and constants
		TERMS OF AN EXPRESSION	Factors of a term,coefficients
		LIKE AND UNLIKE TERMS	Like and unlike terms
		POLYNOMIALS	Monomials , binomials, trinomials and polynomials
		FINDING THE VALUE OF AN EXPRESSION	Finding the value of an expression

FEBRUARY	13.VISUALISING SOLID SHAPES (ACTIVITY ONLY)	NETS FOR BUILDING 3-D SHAPES	Net of a cube,cuboid
		ISOMETRIC SKETCHES	Isometric sketch for 2D and 3D shapes
MARCH	REVISION		

FINAL EXAMINATION - CHAPTERS 1, 4,6,7,8,9,10,11

SANSKRIT

MONTH	TOPIC	SUB-TOPICS	CONCEPTS
JUNE	पद्यम्	1. सुभाषितानि ।	सुभाषितपरिचयः, मूल्यावबोधः ।
	कथा	2. दुर्बुद्धिः विनश्यति ।	स्वदेशं प्रति भक्तिभावना ।
JULY	गद्यम्	3. स्वावलम्बनम् ।	कथास्वादनं, रचनासामर्थ्यम् ।

Mid Term Evaluation (July 31-August 07) Lesson 1,2,3

संख्या 1-50, संख्या त्रिषु लिङ्गेषु (1-4) सन्धिकार्याणि, अव्ययानि प्रत्ययाः (क्त्वा, तुमुन्, ल्यप्) (पाठाधारितानि) समयः, लकारपरिवर्तनम् (लट्, लृट्)

उपपदविभक्तिः (द्वितीया (प्रति, उभयतः, निकषा, परितः, सर्वतः) तृतीया (सह, साकम्, समम्, सार्धम्, अलम्)

रचनात्मकं कार्यम् (चित्रवर्णनम्, अनुवादः)

AUGUST	गद्यम्	5. पण्डितारमाबाई ।	रचना सामर्थ्यम्, स्त्रीशिक्षायाः प्राधान्यम् ।
SEPTEMBER	पद्यम्	6. सदाचारः ।	सूक्तीनां बोधः ।
OCTOBER	नाटकम्	7. सङ्कल्पः सिद्धिदायकः (ACTIVITY)	पुराणकथास्वादनम्

End Term Evaluation (oct 18-oct 30) Lesson 1,2,3,5&6

संख्या 1-50, संख्या त्रिषु लिङ्गेषु (1-4) सन्धिकार्याणि, अव्ययानि प्रत्ययाः (क्त्वा, तुमुन्, ल्यप्) (पाठाधारितानि) समयः, लकारपरिवर्तनम् (लट्, लृट्)

उपपदविभक्तिः (द्वितीया (प्रति, उभयतः, निकषा, परितः, सर्वतः) तृतीया (सह, साकम्, समम्, सार्धम्, अलम्)

रचनात्मकं कार्यम् (चित्रवर्णनम्, अनुवादः)

NOVEMBER	नाटकम्	8. त्रिवर्णध्वजः ।	कथास्वादनं, रचनासामर्थ्यं सम्भाषण कौशलम् ।
	गद्यम्	10. विश्वबन्धुत्वम् । (ACTIVITY)	वसुधैव कुटुम्बकम्
DECEMBER	कथा	11. समवायो हि दुर्जयः ।	कथास्वादनम्
JANUARY	पद्यम्	12. विद्याधनम् ।	विद्याविषयक सूक्तीनां बोधः ।

Mid Term Evaluation II (January 3-10) Lesson 8,11

संख्या 1-50, संख्या त्रिषु लिङ्गेषु (1-4) सन्धिकार्याणि, अव्ययानि प्रत्ययाः (क्त्वा, तुमुन्, ल्यप्) (पाठाधारितानि) समयः, लकारपरिवर्तनम् (लट्, लृट्)

उपपदविभक्तिः (द्वितीया (प्रति, उभयतः, निकषा, परितः, सर्वतः) तृतीया (सह, साकम्, समम्, सार्धम्, अलम्) चतुर्थी (नमः)

रचनात्मकं कार्यम् (चित्रवर्णनम्, अनुवादः)

FEBRUARY	गद्यं	अमृतं संस्कृतम् ।	संस्कृतभाषायाः महत्त्वम् ।
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MARCH	पुनरावर्तनम्	पुनरावर्तनम्	पुनरावर्तनम्
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Final Examination March 10-21 Lesson 8,11,12,13, पठितावबोधनम् । अपठितावबोधनम् ।

संख्या 1-50, संख्या त्रिषु लिङ्गेषु (1-4) सन्धिकार्याणि, अव्ययानि प्रत्ययाः (क्त्वा, तुमुन्, ल्यप्) (पाठाधारितानि) उपपदविभक्तिः (द्वितीया (प्रति, उभयतः, निकषा, परितः, सर्वतः) तृतीया (सह, साकम्, समम्, सार्धम्, अलम्)

रचनात्मकं कार्यम् (चित्रवर्णनम्, अनुवादः)

STD VII - PHYSICS

MONTH	TOPIC	SUB-TOPICS	CONCEPTS
JUNE	CHAPTER 3 - HEAT (upto Convection)	Hot and cold Measuring temperature Laboratory thermometer Transfer of heat	Temperature Temperature difference Clinical and Laboratory thermometer Conduction Conductors and Insulators
JULY	CHAPTER 3 - HEAT (Cont.) CHAPTER 10 -ELECTRIC CURRENT AND ITS EFFECTS (upto 10.2) Revision	Transfer of heat(cont.) Kinds of clothes we wear in summer and winter Symbols of electric component	Convection Sea breeze and Land breeze Radiation Kinds of clothes we wear in summer and winter. Symbols of electric components Open circuit with circuit diagram Closed circuit with circuit diagram
AUGUST	MID - TERM EVALUATION 1 (CHAPTER 3 - HEAT)		
	CHAPTER 10 - ELECTRIC CURRENT AND ITS EFFECTS (upto 10.3)	Heating Effect of Electric Current	Heating element Factors affecting amount of heat produced in a wire. Electric Fuse

SEPTEMBER	CHAPTER 10 - ELECTRIC CURRENT AND ITS EFFECTS (Cont.)	Magnetic Effect of Electric Current Electromagnet	Magnetic Effect of Electric current Electromagnet Applications of Electromagnet
OCTOBER	CHAPTER 10 - ELECTRIC CURRENT AND ITS EFFECTS (Cont.)	Electric Bell Revision	Electric Bell
	TERM END EVALUATION -1 (CHAPTER 3 - HEAT CHAPTER 10 - ELECTRIC CURRENT AND ITS EFFECTS)		

NOVEMBER	CHAPTER 9 - MOTION AND TIME (upto 9.5)	Slow or fast Speed Measurement of Time Measuring Speed	Distance Speed Equation to calculate speed Uniform motion Non - Uniform motion Simple Pendulum Oscillation Time period SI unit of time SI unit of speed Measuring speed Devices to measure distance travelled and speed
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DECEMBER	CHAPTER 9 - MOTION AND TIME (conti.)	Distance-Time graph Revision	Distance -Time graph for Uniform motion and Non - Uniform motion Importance of Distance - Time graph
JANUARY	MID TERM EVALUATION - II CHAPTER 9 - MOTION AND TIME(upto 9.5)		
	CHAPTER 11- LIGHT (upto 11.4)	Light travels along a straight line Reflection of light Right or Left	Characteristics of image formed by a plane mirror Real and virtual image
FEBRUARY	CHAPTER 11 - LIGHT (conti.)	Playing with spherical mirrors, Images formed by lenses, Sunlight-white or coloured?	Concave Mirror Convex Mirror Image formation by Concave and Convex Mirror, Concave Lens Convex Lens Image formation by Concave and Convex Lens Uses of Spherical Mirrors and Lens, White light consists of seven colours, Newton's Disc
MARCH	FINAL EXAMINATION (Chapter 9 - MOTION AND TIME Chapter 11 - LIGHT)		

**CHEMISTRY
STD: VII**

MONTH	TOPIC	SUB-TOPICS	CONCEPTS
JUNE	Acids, bases and salts	Acids and bases, indicators	1.Acids, bases, neutral substances and indicators. 2.Sources, 3.Examples 4.Types of indicators 5.Acid rain
JULY	Acids, bases and salts	Neutralisation	Neutralisation, salt,demonstration of neutralisation, word equation
AUGUST	Revision MID TERM EVALUATION - I (31/7/24 - 07/8/24) Chapter:Acids,bases and salts excluding neutralisation		
	Acids, bases and salts	Neutralisation in every day life	Neutralisation in every day life 1. Indigestion 2. Ant bite 3. Soil treatment 4. Factory waste
	Forest: Our lifeline	Visit to a forest,crown,canopy and understoreys,	Forest as a habitat, forest animals-examples, forest trees-examples, forest products Crown, canopy,understoreys.

SEPTEMBER	Forest: Our lifeline	Food chain, decomposers, forest as green lungs, forest is a dynamic living entity, preservation of forest. Revision	Interrelationship of plants, soil and decomposers in a forest, humus, forests are called as green lungs, balance of oxygen and carbon dioxide, forest is a dynamic living entity, applications of forest, soil erosion, deforestation.
OCTOBER	Physical and chemical changes	Physical properties, Physical change	Physical properties, physical change
TERM END EVALUATION (18/10/24 - 30/10/24) Chapters: Acids, bases and salts & Forests: Our lifeline			
NOVEMBER	Physical and chemical changes	Physical properties, Physical change (continued)	Physical properties, physical change - examples, characteristics of physical change
DECEMBER	Physical and chemical changes	Chemical change (Rusting of iron, galvanisation, crystallisation excluded)	Chemical change - examples, characteristics of chemical change, indications of chemical change, word equations of chemical change, test for carbon dioxide.

JANUARY	Revision MID TERM EVALUATION - II (3/1/25 - 10/1/25) Chapter: Physical and chemical changes (Rusting of iron, galvanisation, crystallisation excluded)		
	Physical and chemical changes	Rusting of iron, galvanisation, crystallisation	Rusting, galvanisation, crystallisation. Conditions and prevention of rusting. Demonstration of crystallisation

FEBRUARY	Waste water story	Water our lifeline, sewage, sewers, sewerage, manhole, WWT P, better house keeping practices, sanitation and disease, alternative arrangement for sewage disposal.	Waste water, sewage. Impurities present in sewage. WWTP - steps involved in WWTP - chemicals used to disinfect water, sludge, better housekeeping practices, become an active citizen, sanitation and disease - human excreta is a health hazard, vermiculture processing toilets, alternative arrangement of sewage disposal - low cost onsite sewage disposal.
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MARCH	Revision FINAL EXAMINATION (10/3/25 - 21/3/25) Chapters: Physical and chemical changes & Waste water story		
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BIOLOGY

MONTH	TOPIC	SUB-TOPICS	CONCEPTS
JUNE	1. NUTRITION IN PLANTS	1.1 Mode of nutrition in plants	Autotrophic and Heterotrophic mode of nutrition
		1.2 Photosynthesis- food making process in plants	Photosynthesis - definition, raw materials needed for Photosynthesis, Stomata
		1.3 Other modes of nutrition in plants 1.4 Saprotrophs	Parasitic, insectivorous, saprotrophic, symbiosis
		1.5 How nutrients are replenished in the soil	Nitrogen Fixation - role of Rhizobium bacteria
JULY		2. NUTRITION IN ANIMALS	2.1 Different ways of taking food
	2.2 Digestion in humans		Parts of alimentary canal, Human digestive system, Various processes of nutrition, Digestion of food in different parts of digestive tract
	MIDTERM EVALUATION -1 (JULY 31 - AUGUST 7) CHAPTER 1 NUTRITION IN PLANTS		
AUGUST	2. NUTRITION IN ANIMALS (Continued)	2.3 Digestion in grass -eating animals 2.4 Feeding and digestion in Amoeba	Process of digestion in ruminants and Amoeba
	6. RESPIRATION IN ORGANISMS	6.1 Why do we respire ?	Cellular respiration- Aerobic and anaerobic respiration
		6.2 Breathing 6.3 How do we breathe ?	Inhalation and exhalation, Breathing rate Mechanism of breathing
SEPTEMBER			
	TERM END EVALUATION -1 OCTOBER(18-30) CHAPTER -1 NUTRITION IN PLANTS CHAPTER -2 NUTRITION IN ANIMALS CHAPTER 6 - RESPIRATION IN ORGANISMS UPTO 6.4 (6.4 NOT INCLUDED)		
OCTOBER	6. RESPIRATION IN ORGANISMS (Continued)	6.4 What do we breathe out ?	Percentage of oxygen and carbon dioxide in inhaled and exhaled air
NOVEMBER	6. RESPIRATION IN ORGANISMS (Continued)	6.5 Breathing in other animals 6.6 Breathing under water 6.7 Do plants also respire ?	Mechanism of breathing in animals and plants

	7. TRANSPORTATION IN ANIMALS AND PLANTS	7.1 Circulatory System	Human circulatory system - Parts and functions
DECEMBER	7. TRANSPORTATION IN ANIMALS AND PLANTS (Continued)	7.2 Excretion in animals	Human excretory system - Parts and functions
		7.3 Transport of substances in Plants	Vascular tissue, Transpiration
JANUARY	MIDTERM EVALUATION -II JANUARY (3-10) CHAPTER 6 -RESPIRATION IN ORGANISMS (6.4 ONAWRDS) CHAPTER 7- TRANSPORTATION IN PLANTS AND ANIMALS UPTO 7.2 (7.2 NOT INCLUDED)		
	8. REPRODUCTION IN PLANTS	8.1 Modes of reproduction	Asexual reproduction and sexual reproduction
		8.2 Sexual reproduction 8.3 Fruits and seed formation	Pollination, Fertilisation, Fruits and seed formation
FEBRUARY	8. REPRODUCTION IN PLANTS (Continued)	8.4 Seed dispersal	Types of seed dispersal
MARCH	FINAL EXAMINATION - MARCH (10-21) ENTIRE SYLLABUS OF SECOND TERM CHAPTER 6- RESPIRATION IN ORGANISMS (6.4 ONWARDS) CHAPTER 7- TRANSPORTATION IN ANIMALS AND PLANTS CHAPTER 8 -REPRODUCTION IN PLANTS		

SOCIAL STUDIES

MONTH	TOPIC	Sub-topics	CONCEPTS
JUNE	1. ENVIRONMENT (G)	Natural environment, what is ecosystem, human environment	Importance of Natural Environment. Existence of Ecosystem? Relevance Human Environment.
	1. INTRODUCTION:TRACING CHANGES THROUGH A THOUSAND YEARS(H)	Historians and their sources, new social and political groups, region and empire, old and new religions, thinking about time and historical periods.	Changes occurred between 700 to 1750 The efforts taken by the historians to c collectinformation about the past. Emergence of new religions.
	1. ON EQUALITY(C)	Equality in Indian democracy, issues	Idea of equality and dignity

		of equality in other democracies, challenges of democracy.	Difference between political social & economic equality.
JULY	2. KINGS AND KINGDOMS(H)	The emergence of new dynasties, administration in the kingdoms, prashasties and land grants, warfare for wealth, a closer look:The cholas, from uraiyur to thanjavur, splendid temples and bronze sculptures, agriculture and irrigation , the administration of the empire.	Trace the patterns of political developments and military conquests of the Gurjara Pratiharas, the Rashtrakutas, the Palas and the Chahamanas. Importance of new developments in architecture and agriculture during the Chola period.
	2. INSIDE OUR EARTH (G)	Interior of the earth, rocks and minerals,	Existence of interior of the earth. Formation of rock cycle.Importance of minerals
MID TERM EVALUATION- 1(JULY 31-AUG 7)			
AUGUST	4. GROWING UP AS BOYS AND GIRLS(C) (ACTIVITY)	Growing up in samoa in the 1920s, growing up male in madhyapradesh in 1960s,valueing house work , lives of domestic workers, women's work and equality	Importance of equality between boys and girls. Identify the tasks undertaken by the government to bring about equality.
	2. ROLE OF THE GOVERNMENT IN HEALTH(C)	What is health? Healthcare in India, public and private health care services. ,health care and equality: Is adequate healthcare available to all? What can be done, the Kerala experience, the Costa Rican	Importance of good health. Difference between Private and Public health care. Health sector in Kerala and Costa Rica approach.

		approach.	
	3. OUR CHANGING EARTH (G)	Endogenic and exogenic forces, major landforms, work of a river, work of sea waves , work of ice, work of wind	Alertness about the endogenic forces like volcano, earthquake etc. Formation of earthquake and Volcano. The work of a sea waves, rivers, wind,ice etc
SEPTEMBER	3. DELHI: 12TH TO 15TH CENTURY(H)	The rulers of Delhi, understanding Delhi under the sultans, A closer look: Administration and consolidation under the khaljis and tughluqs, the sulthanate in the 15th and sixteenth centuries	Major political developments and socio-economic changes in the life of people during the sultanate period. Various inscriptions, coins and architecture provide a lot of information to the Historians to reconstruct history.
TERM END EVALUATION -1(OCT 18 – OCT 30)			
OCTOBER	3. HOW THE STATE GOVERNMENT WORKS(C)	Who is an MLA? A debate in the legislative assembly, working of the government.	Power and authority exercised by the state government over peoples lives, process of decision making within a state government, duties of MLA, importance of press conference.
NOVEMBER	4. AIR (G)	Composition of the atmosphere, structure of the atmosphere, weather and climate, temperature , air pressure, wind, moisture	Composition of the atmosphere, relationship between photosynthesis and air circulation , structure of atmosphere.
	4.THE MUGHALS(16th TO 17th CENTURY) (H)	Who were the Mughals? Mughal military campaigns, Mughal traditions of successions, Mughal relations with other rulers, mansabdars and jagirdars, zabt and	Political history of 16th and 17th centuries, existence of mansabdars, administration of Mughals, Mughal relation between regional kings

		zamindars, the Mughal empire in the seventeenth century and after.	
	5. WATER (G)	Water cycle,distribution of water bodies , ocean circulation, waves, tides and oceancurrents	Importance of water and water cycle, distribution of water bodies, role of water for human and plants, uses of tides.
	5. WOMEN CHANGE THE WORLD(C) (ACTIVITY)	Fewer opportunities and rigid expectations, learning for change, schooling and education today, women's movement, campaigning	Gender is social construct and not determined by biological difference.
DECEMBER	6. UNDERSTANDING MEDIA (C)	Media and technology, media and money, media and democracy, setting agendas	Devolopment in technology,positive aspect and negative aspect of media, impact of media on people's lives and choices.
	MID TERM EVALUATION -2 (JAN 3- JAN 10)		
	5. TRIBES , NOMADS AND SETTLED COMMUNITIES(H)	Beyond big cities:Tribal societies,who were tribal people?How nomads and mobile people lived, changing societies,the gonds, the ahoms	The social and political developments of tribal societies,administrative systems of Gonds and Ahoms.
	6. DEVOTIONAL PATHS TO THE DIVINE (H)(ACTIVITY)	The idea of a supreme god, a new kind of bhakthi in South India-nayanars and alvars, philosophy and bhakthi, Basavanna's virashaivism, bhakthi movement in the decean, nathpanthis, siddhas and yogis,	Emergence of new religious ideas, role of various saints in spreading Bhakti.

		islam and sufism, new religious developments in North India, a closer look: Kabir , a closer look: Baba guru nanak	
JANUARY	6. HUMAN ENVIRONMENT INTERACTIONS, THE TROPICAL AND THE SUB TROPICAL REGIONS(G)	Life in the amazon basin, climate , rainforests , people of the rainforests, life in the ganga brahmaputra basin	Location and the life of the people in Amazon basin, climatic condition of the Amazon,location of tropical and subtropical regions.
	7. THE MAKING OF REGIONAL CULTURES (H)(ACTIVITY)	The cheras and the development of malayalam, rulers and religious traditions: The jagannatha cult, the rajputs and traditions of heroism, beyond the regional frontiers:The story of kathak, painting for patrons: The traditions of miniatures, a closer look :Bengal, pirs and temples, fish as food	Similarities, differences and uniquenesses of the people of the state, cultures of the people of the state.
	7. LIFE IN THE DESERT(G)	The hot desert Sahara, climate, flora and fauna, people , the cold desert -Ladakh, flora and fauna, people	Climatic regions , human habitations and life of people in hot desert, the features of deserts
FEBRUARY	7. MARKETS AROUND US (C)ACTIVITY	Weekly market, shops in the neighbourhood, shopping complexes and malls, chain of markets, markets everywhere, markets and equality	Different kinds of markets, markets and equality.

	8. EIGHTEENTH - CENTURY POLITICAL FORMATIONS(H)	The crisis of the empire and later mughals, the rajputs, seizing independence, the sikhs, the marathas, the jats	Socio, political and economic changes in the beginning of 18th century, reasons for the decline of mughal empire, formation of new states.
	8. A SHIRT IN THE MARKET(C)	A cotton farmer in Kurnool, the cloth market of Erode , putting out system, weavers producing cloth at home, the garment exporting factory near Delhi, the shirt in the united states, who are the gainers in the market/ ,market and equality	Pathetic condition of the cotton farmers, working of the cooperative societies, draw backs of putting out system and the sufferings of weavers
TERM END EVALUATION-2(MAR 10-MAR 21)			