

BHARATIYA VIDYA BHAVAN, KOCHI KENDRA
YEAR PLAN FOR THE ACADEMIC YEAR 2024-25
MALAYALAM
CLASS - VIII

MONTH	TOPIC	SUB-TOPICS	CONCEPTS	EVALUATION
JUNE	ഇനി ഞാൻ ഉണർന്നിരിക്കാം	1.സാന്ദ്രസൗഹൃദം (പദ്യം)	സൗഹൃദത്തിന്റെ മഹത്വം. കവി, കാലഘട്ടം, പ്രസ്ഥാനം. (രാമപുരത്തു വാര്യരുടെ കുചേലവൃത്തം വെച്ചിട്ട്)	
	വ്യാകരണം	കർത്തരി- കർമ്മണി	വാക്യപരിവർത്തനം	
JULY	കണ്ണു വേണം ഇരുപുറമെപ്പോഴും	2.രണ്ടു മത്സ്യങ്ങൾ (ഗദ്യം)	പാരിസ്ഥിതികാവബോധം, ചെറുകഥ, പ്രകൃതിയോടിണങ്ങിയുള്ള ജീവിതരീതി, സഹജീവിസന്ദേശം. (കഥ -അംബികാസുതൻ മാങ്ങാട്)	MID TERM EVALUATION -1 1.സാന്ദ്രസൗഹൃദം 2.രണ്ടു മത്സ്യങ്ങൾ
	വ്യാകരണം	വിഭക്തി	സമസ്തപദങ്ങളുടെ സൗന്ദര്യം, പദങ്ങളുടെ ചേർച്ച	
AUGUST	*ഓർമ്മകൾക്കെന്തു സുഗന്ധം	3. നന്നയാത്ത മഴ (ഗദ്യം)	പ്രകൃതി - സാഹിത്യകൃതികളിൽ, വ്യക്തിജീവിതത്തിൽ- അനുഭവക്കുറിപ്പ്. പ്രകൃതി പ്രതിഭാസങ്ങൾ ചെലുത്തുന്ന സ്വാധീനം. (ശ്രീമതി പ്രിയ എ.എസ്.ന്റെ ഓർമ്മക്കുറിപ്പ്)	
	*വ്യാകരണം	*അവധാരണം		
SEPTEMBER	* പിന്നെയും പൂക്കുമ്പി ചില്ലുകൾ	4. ആ വാഴവെട്ട് (ഗദ്യം) (വാചികം)	കാർഷികസംസ്കൃതി, കർഷകർ നേരിടുന്ന അവഗണന, അധികാരത്തിന്റെ ദാക്ഷിണ്യമില്ലായ്മ. (പൊൻകുന്നം വർക്കിയുടെ 'ആ വാഴവെട്ട്')	
	*രചന	*വാക്യപ്രയോഗം		
OCTOBER	ഇനി ഞാനുണർന്നിരിക്കാം	5. അമ്മമ്മ (ഗദ്യം)	[പ്രി സുരേന്ദ്രൻ - അമ്മമ്മ] ത്യാഗത്തിന്റെ മഹത്വം, സന്ദേശത്തിന്റെ പവിത്രത, ആധുനികത, കഥാകൃത്ത	TERM END EVALUATION 1.സാന്ദ്രസൗഹൃദം 2.രണ്ടു മത്സ്യങ്ങൾ 3. നന്നയാത്ത മഴ അവധാരണം കർത്തരി- കർമ്മണി പ്രയോഗങ്ങൾ, വിഭക്തി

NOVEMBER	പിന്നെയും പൂക്കുമ്മീ ചില്ലുകൾ	6.പുതുവർഷം (പദ്യം) 7. വഴിയത്ര (ഗദ്യം) (വാചികം)	* ശ്രീമതി വിജയലക്ഷ്മിയുടെ പുതുവർഷം എന്ന കവിത അമ്മ എന്ന ബിംബത്തെ പൊലിപ്പിച്ചെടുക്കുന്നു. പഴയകാല യാത്രാനുഭവങ്ങൾ രസകരമായി പങ്കുവെയ്ക്കുന്ന ഇ വി കൃഷ്ണപിള്ളയുടെ വഴിയത്ര എന്ന ഓർമ്മക്കുറിപ്പ്	
DECEMBER	കാലം ദർശിച്ച രസാനുഭൂതികൾ	8. ധർമ്മിഷ്ഠനായ രാധേയൻ (ഗദ്യം) (വാചികം)	ഭാരതീയ ഇതിഹാസങ്ങളിലുള്ള അവബോധം.നോവൽ സാഹിത്യം നോവലിസ്റ്റ്, മാനുഷികമൂല്യങ്ങൾ (പി.കെ. ബാലകൃഷ്ണൻ ' ഇനി ഞാൻ ഉറങ്ങട്ടെ 'എന്ന നോവൽ)	
JANUARY	അന്യ ജീവനുതകി സ്വജീവിതം	9 വേദം (പദ്യം)	വിശപ്പ് എന്ന ആശയം , ഗൃഹാതുരത്വം , സ്വാതന്ത്ര്യ സമര കാലഘട്ടം, പ്രയോഗഭംഗി, സാദൃശ്യകല്പന. (ശ്രീ യുസഫലി കേച്ചേരിയുടെ വേദം എന്ന കവിത)	MID TERM EVALUATION-II 1.പുതുവർഷം 2. അമ്മമ്മ
	രചന	കത്ത്	സാമൂഹികാവബോധം, ഭാഷാസിദ്ധി, രൂപഘടന	വാക്യപ്രയോഗം കർത്തരി- കർമ്മണി പ്രയോഗങ്ങൾ
FEBRUARY	പിന്നെയും പൂക്കുമ്മീ ചില്ലുകൾ	10.എണ്ണ നിറച്ച കരണ്ടി (ഗദ്യം)	വിശ്വസാഹിത്യകാരന്മാർ, സാഹിത്യപരിഭാഷകൾ, പരിശ്രമത്തിലൂടെ ജീവിതവിജയത്തിലേയ്ക്ക് (സാഹിത്യകാരൻ പൗലോ കോയ്ലോയുടെ ആൽക്കെമിസ്റ്റ് എന്ന നോവലിലെ ഒരു ഭാഗം)	
	രചന	ഉപന്യാസം	വിഷയജ്ഞാനം , ആശയക്രോഡീകരണം, ഭാഷാപ്രയോഗ സാമർത്ഥ്യം	

<p>MARCH</p>	<p>അന്യജീവനുതകി സ്വജീവിതം</p>	<p>11. എന്റെ ഗുരുനാഥൻ (വാചികം)</p>	<p>ആധുനിക കവിത്വം, ദേശഭക്തി, ഗുരുഭക്തി, മഹദ് വ്യക്തികൾ, സ്വാതന്ത്ര്യ സമരകാലഘട്ടം. (മഹാകവി വള്ളത്തോൾ ഗാന്ധിജിയെക്കുറിച്ച് എഴുതിയ കവിത)</p>	<p>FINAL EXAMINATION 1. രണ്ടു മത്സ്യങ്ങൾ 2. പുതുവർഷം 3. വേദം 4. അമ്മമ്മ 5. എണ്ണ നിറച്ച കരണ്ടി</p> <p>വിഭക്തി കർത്തരി- കർമ്മണി പ്രയോഗങ്ങൾ അവധാരണം വാക്യപ്രയോഗം ഉപന്യാസം കത്ത് (ഔദ്യോഗികം) (30% മാർക്കിനുള്ള ചോദ്യങ്ങൾ 1st Term ഇൽ നിന്നും ഉൾപ്പെടുത്തണം)</p>
--------------	-----------------------------------	--	---	---

BHAVAN'S VIDYA MANDIR, ELAMAKKARA	
YEAR PLAN FOR THE ACADEMIC YEAR 2024-25	
STD : VIII	SUBJECT: BIOLOGY
MONTH	TOPIC
JUNE	Chapter 1: Crop Production and Management
JULY	Chapter 2: Microorganisms: Friend and Foe
AUGUST	Chapter 2: Microorganisms: Friend and Foe (Continued)
MID TERM EVALUATION I (JULY 31-AUGUST 7) CHAPTER 1: CROP PRODUCTION AND MANAGEMENT	
SEPTEMBER	Chapter 2: Microorganisms: Friend and Foe (Continued)
OCTOBER	Chapter 5: Conservation of plants and animals
REVISION TERM END EVALUATION (OCTOBER 13-30) CHAPTERS 1: CROP PRODUCTION AND MANAGEMENT & CHAPTER 2: MICROORGANISMS: FRIEND AND FOE	
NOVEMBER	Chapter 5: Conservation of plants and animals (Continued) Chapter 6: Reproduction in animals
DECEMBER	Chapter 6: Reproduction in animals (Continued)
JANUARY	MID TERM EVALUATION II (JANUARY 3- 10) CHAPTER 5: CONSERVATION OF PLANTS AND ANIMALS
JANUARY	Chapter 6: Reproduction in animals (Continued)
FEBRUARY	Chapter 7: Reaching the age of adolescence

MARCH	<p style="text-align: center;">REVISION FINAL EXAMINATION (MARCH 10 - 21) 30% OF FIRST TERM- CHAPTER 2: MICROORGANISMS: FRIEND AND FOE, TILL 2.4 (HARMFUL MICROORGANISMS NOT INCLUDED) AND FULL PORTIONS OF SECOND TERM CHAPTER 5: CONSERVATION OF PLANTS AND ANIMALS CHAPTER 6: REPRODUCTION IN ANIMALS CHAPTER 7: REACHING THE AGE OF ADOLESCENCE</p>
-------	---

BHARATIYA VIDYA BHAVAN ,KOCHI			
YEAR PLAN FOR THE ACADEMIC YEAR 2024-'25			
STD VIII CHEMISTRY			
MONTH	TOPICS	SUB-TOPICS	CONCEPTS
June	Coal and Petroleum	1. Inexhaustible Natural Resources 2. Exhaustible Natural Resources 3. Coal	1. Inexhaustible Natural Resources 2. Exhaustible Natural Resources 3. Fossil fuels. 4. Properties and uses of Coal 5. Story of Coal 6. Products obtained from Coal - Coke, Coal tar and Coal gas
July	Coal and Petroleum	1. Petroleum 2. Natural Gas 3. Some Natural Resources are limited	1. Formation of Petroleum 2. Refining of Petroleum 3. Constituents and uses of petroleum 4. Advantages of Natural gas 5. Disadvantages of fossil fuels 6. PCRA
July-August	Revision Mid Term Evaluation - I (31/07/2024 to 07/08/2024) Chapter 3 -Coal and Petroleum		
August	Combustion and Flame	1. What is combustion? 2. How do we control fire?	1. Combustible and non combustible substances 2. Types of fuels 3. Combustion 4. Conditions required for combustion. 5. Ignition Temperature 6. Flammable and Inflammable substances

September	Combustion and Flame	1. How do we control fire? (Continued) 2. Types of combustion	1. Different types of fire extinguishers 2. Rapid Combustion, Spontaneous combustion and Explosion.
October	Combustion and Flame	1. Flame 2. Structure of a Flame Revision	1. Flame 2. Different zones of candle flame
October	Term End Evaluation (18/10/2024 - 30/10/2024) Chapter 3 Coal and Petroleum Chapter 4 Combustion and Flame (4.1, 4.2 and 4.3)		
November	Combustion and Flame	1. What is a Fuel? 2. Fuel Efficiency 3. Burning of Fuels Leads to Harmful Products	1. Characteristics of an ideal fuel. 2. Calorific value and numericals. 3. Harmful effects of Unburnt Carbon particles 4. Harmful effects of Carbon monoxide gas. 5. Acid rain 6. Global warming 7. CNG as a cleaner fuel
December	Chemical Effects Of Electric Current	1. Do Liquids Conduct Electricity? 2. Chemical Effects of electric current Revision	1. Conductors and Insulators with examples. 2. Heating effect of electric current. 3. Magnetic effect of electric current. 4. Good and poor conducting liquids. 5. Electrodes
January	Mid Term Evaluation - II (03/01/2025 to 10/01/2025) Chapter 4 Combustion and Flame (4.4, 4.5, 4.6 and 4.7)		
January	Chemical Effects Of Electric Current	1. Chemical Effects of electric current (Continued) 2. Electroplating	1. Process and chemical effects of Electrolysis. 2. Process of electroplating. 3. Uses and advantages of electroplating.

BHARATIYA VIDYA BHAVAN, KOCHI KENDRA
YEAR PLAN 2024 -2025
CLASS VIII - ENGLISH

MONTH	HONEY DEW	IT SO HAPPENED	GRAMMAR	WRITING
JUNE 21 days	Unit 1 - The Best Christmas Present in the World The Ant and the Cricket (Poem)	Unit 1 - How the Camel got his hump	* Tenses (Simple Past and Past Perfect) * Phrasal Verbs (not to be tested for Mid Term Evaluation I)	* Informal Letter (Letter to grandparent)
JULY 24 days	Unit 2 - The Tsunami (Make a PPT/ Documentary on any one of the major Tsunamis) (Reading only & not to be tested) Geography Lesson(Poem)	Unit 2-Children at Work	*Active and passive voice	*Diary Entry
MIDTERM EVALUATION-I (31 July – 7 August)				
AUGUST 20 days	Unit 4- The Last Bargain (Poem)	Unit 3 - The Selfish Giant		*Story completion using given cues/ opening sentence.
SEPTEMBER 16 days	Unit 4 - Bepin Choudhury's Lapse Of Memory Unit 5 -The School Boy (Poem)	Unit 4 - The Treasure Within (Reading Only)	* Tenses (Simple Past & Present Perfect)	*Informal letter (Letter to a friend)

OCTOBER 22 days	Unit 3 – Glimpses of the Past (Reading/PPT)		*Direct and Indirect speech (Statements, Interrogatives -Wh questions)	
TERM END EVALUATION (18 October - 30 October)				
NOVEMBER 24 days	Unit 5 - The Summit Within Unit 8-On the Grasshopper and Cricket (Poem)	Unit 5 - Princess September	* Phrases using ' at ' (<i>The Summit Within</i> - page no. 78- Honeydew)	*Descriptive writing (based on a place)
DECEMBER 17 days	Unit 6 - This is Jody's Fawn		*Direct and indirect speech (Yes/No question)	
MID TERM EVALUATION- II (3 January - 10 January)				

JANUARY 24 days	Unit 7 - A Visit to Cambridge	Unit 8 - Jalebis	* Degrees of Adjectives * Use of ' both ' & ' all ' in sentences.	*Notice Writing - Draft a notice for the school notice board.
FEBRUARY 22 days	Unit 8-A Short Monsoon Diary	Unit 6 - The Fight Unit 11 - Ancient Education System of India (Reading only)	*Simple Past & Past Continuous	*Descriptive writing (based on an incident)

MARCH
17 days

REVISION

FINAL EXAMINATION (10 March -21 MARCH)

BHARATIYA VIDYA BHAVAN, KOCHI**YEAR PLAN FOR THE ACADEMIC YEAR 2024-2025****STD : VIII**

MONTH	TOPIC	CONCEPTS
जून	लाख की चूड़ियाँ	मानव पर मशीनीकरण का प्रभाव
	भगवान के डाकिए	विश्व बंधुत्व की भावना
	अपठित गद्यांश	छात्रों की बौद्धिक क्षमता का विकास
	मुहावरे	विभिन्न मुहावरों को समझना एवं प्रयोग करना
जुलाई	बस की यात्रा	पुराने वाहनों के मालिकों पर व्यंग्य ।
	बाल महाभारत -पांडवों और कौरवों के सेनापति , पहला ,दूसरा और तीसरा दिन	पौराणिक कथाओं से मूल्य ग्रहण करना ।
	दीवानों की हस्ती - कवि परिचय और केवल वाचन के लिए	देश के लिए सर्वस्व समर्पण की भावना
	अव्यय - क्रिया विशेषण अव्यय , संबंधबोधक अव्यय , समुच्चयबोधक अव्यय , विस्मयादिबोधक अव्यय	व्याकरण के नियमों का सही प्रयोग
MID-TERM EVALUATION - 1 PORTIONS - लाख की चूड़ियाँ , भगवान के डाकिए , अव्यय , मुहावरे , पठित गद्यांश (पांडवों और कौरवों के सेनापति) , अपठित गद्यांश		
अगस्त	बाल महाभारत -चौथा , पाँचवाँ और छठा दिन , सातवाँ ,आठवाँ और नवाँ दिन	पौराणिक कथाओं से मूल्य ग्रहण करना ।
	कबीर की साखियाँ	नैतिक मूल्यों का विकास
	सुदामा चरित	सच्ची मित्रता की भावना

सितंबर	अनौपचारिक पत्र - बधाई पत्र	पत्र लेखन कला में दक्षता प्राप्त करना
	समास - अव्ययीभाव समास ,तत्पुरुष समास ,द्वंद्व समास	दो या दो से अधिक पदों के मेल को समझना
	अनुच्छेद लेखन - प्रकृति की रक्षा मानव की सुरक्षा , मन के हारे हार है मन के जीते जीत	सृजनात्मकता का विकास
अक्तूबर	पानी की कहानी - कला समेकित क्रियाकलाप	शुद्ध पानी के संरक्षण की आवश्यकता I
	बाल महाभारत - भीष्म शर - शय्या पर	पौराणिक कथाओं से मूल्य ग्रहण करना I
	यह सबसे कठिन समय नहीं - केवल वाचन के लिए	आशावादी दृष्टिकोण का विकास
<p>END - TERM EVALUATION - 1 PORTIONS लाख की चूड़ियाँ , बस की यात्रा , भगवान के डाकिए , कबीर की साखियाँ , समास ,अव्यय , मुहावरे , पठित गद्यांश (बाल महाभारत - I TERM CHAPTERS) , अपठित गद्यांश , पठित पद्यांश / पठित गद्यांश (वसंत से) , बधाई पत्र , अनुच्छेद लेखन Question answers to be asked as application level questions .</p>		
नवंबर	क्या निराश हुआ जाए	आशावादी होने का संदेश
	समास - कर्मधारय , द्विगु , बहुव्रीहि	दो या दो से अधिक पदों के मेल को समझना
	बाल महाभारत - बारहवाँ दिन , अभिमन्यु	पौराणिक कथाओं से मूल्य ग्रहण करना ।
दिसंबर	सूर के पद	कृष्ण की बाल लीलाओं का वर्णन ।
	बाल महाभारत - युधिष्ठिर की चिंता और कामना , भूरिश्रवा,जयद्रथ और आचार्य द्रोण का अंत	पौराणिक कथाओं से मूल्य ग्रहण करना ।
	अकबरी लोटा - कलासमेकित क्रियाकलाप - केरल और छत्तीसगढ़ की शिल्पकला का परिचय	बुद्धि और विवेक से समस्याओं का हल निकालना ।
	अनुच्छेद लेखन - देशप्रेम , परहित सरिस धर्म नहीं भाई	सृजनात्मकता का विकास

MID-TERM -2 PORTIONS - क्या निराश हुआ जाए , सूर के पद , समास (कर्मधारय , द्विगु , बहुव्रीहि) , पठित गद्यांश

(बारहवाँ दिन ,अभिमन्यु , युधिष्ठिर की चिंता और कामना , भूरिश्रवा,जयद्रथ और आचार्य द्रोण का अंत) अपठित गद्यांश

जनवरी	जहाँ पहिया है	रूढ़िवादी जीवन के बंधनों से मुक्त होकर उन्नति की ओर बढ़ना ।
	बाल महाभारत - कर्ण और दुर्योधन भी मारे गए , अश्वत्थामा , युधिष्ठिर की वेदना	पौराणिक कथाओं से मूल्य ग्रहण करना ।
	औपचारिक पत्र - शिकायती पत्र	पत्र लेखन कला में दक्षता प्राप्त करना
फरवरी	बाज और साँप	मृत्यु तक साहस- वीरता से आगे बढ़ते रहने का संदेश ।
	मुहावरे	विभिन्न मुहावरों को समझना एवं प्रयोग करना
	सुदामा चरित - क्रियाकलाप - सुदामा चरित पाठ के आधार पर सच्ची मित्रता के बारे में एक अनुच्छेद लिखना ।	सच्ची मित्रता की भावना ।
	बाल महाभारत - पांडवों का धृतराष्ट्र के प्रति व्यवहार , श्रीकृष्ण और युधिष्ठिर	पौराणिक कथाओं से मूल्य ग्रहण करना ।
मार्च	पुनरावृत्ति	

FINAL EXAMINATION - PORTIONS

बस की यात्रा , भगवान के डाकिए , क्या निराश हुआ जाए , जहाँ पहिया है , सूर के पद , बाज और साँप ,

समास (First Term +SecondTerm) , मुहावरे (First Term +SecondTerm) , अव्यय , अनुच्छेद लेखन (Second Term) , औपचारिक पत्र ,

पठित गद्यांश (Jan &Feb Portions) पठित गद्यांश (वसंत से) , अपठित गद्यांश

BHARATIYA VIDYA BHAVAN, KOCHI
YEAR PLAN FOR THE ACADEMIC YEAR 2024-2025

CLASS-VIII

MATHEMATICS

MONTH	TOPIC	SUB-TOPICS	CONCEPTS
JUNE	Chapter-1 Rational Numbers Chapter-2 Linear Equations in One Variable Chapter-3 Understanding Quadrilaterals	Introduction Properties of Rational Numbers Introduction Solving Equations having the Variable on both Sides Reducing Equations to Simpler Form Introduction Sum of the Measures of the Exterior Angles of a Polygon	Rational numbers Closure, commutativity, Associativity, Distributivity, role of zero and 1. Algebraic expressions and equations. Solving Equations having the Variable on both Sides Reducing Equations to Simpler Form Plane surface , plane curve and polygons Convex and concave polygons Regular and Irregular polygons Sum of the Measures of the Exterior Angles of a Polygon
JULY	Chapter-3 Understanding Quadrilaterals (Continued.....)	Kinds of Quadrilaterals	Kinds of Quadrilaterals- Trapezium, Kite, Parallelogram Elements of a parallelogram Angles of a parallelogram

JULY	Chapter-4 Data Handling	<p>Some Special Parallelograms</p> <p>Looking for Information</p> <p>Circle Graph or Pie Chart</p>	<p>Diagonals of a parallelogram The opposite sides of a parallelogram are of equal length, Angles of a parallelogram, The opposite angles of a parallelogram are of equal measure, The adjacent angles in a parallelogram are supplementary. Diagonals of a parallelogram. The diagonals of a parallelogram bisect each other.</p> <p>Rhombus ,Rectangle, Square</p> <p>The diagonals of a rhombus are perpendicular bisectors of one another. The diagonals of a rectangle are of equal length. In a rectangle the diagonals, besides being equal in length, bisect each other. The diagonals of a square are perpendicular bisectors of each other.</p> <p>Data, Graphical representation of Data- Pictograph, bar graph, Double bar graph</p> <p>Data can also be represented using a circle graph or pie chart. A circle graph shows the relationship between a whole and its part. Interpretation and Drawing of pie charts</p>
MID TERM EVALUATION I- JULY 31 TO AUGUST 7 { CHAPTERS 1, 2 AND 3}			
AUGUST	Chapter-4 Data Handling (Continued.....)	Chance and Probability	<p>There are certain experiments whose outcomes have an equal chance of occurring. A random experiment is one whose outcome cannot be predicted exactly in advance. Outcomes of an experiment are equally likely if each has the same chance of occurring.</p> <p>Probability of an event.</p> <p>Chance and probability related to real life</p>

	<p>Chapter -5 Squares and Square Roots</p>	<p>Introduction</p> <p>Properties of Square Numbers</p> <p>Some More Interesting Patterns</p> <p>Finding the Square of a Number</p> <p>Square Roots</p>	<p>If a natural number m can be expressed as n^2, where n is also a natural number, then m is a square number.</p> <p>All square numbers end with 0, 1, 4, 5, 6 or 9 at units' place. Square numbers can only have an even number of zeroes at the end.</p> <p>Patterns</p> <p>Other patterns in squares Pythagorean triplets</p> <p>Square root is the inverse operation of square. There are two integral square roots of a perfect square number. Positive square root of a number is denoted by the symbol $\sqrt{\quad}$.</p> <p>Finding square roots</p> <p>Finding square root through repeated subtraction</p> <p>Finding square root through prime factorisation</p> <p>Finding square root by division method</p>
--	--	---	---

SEPTEMBER	Chapter -5 Squares and Square Roots (Continued.....)	Square Roots of Decimals	Square Roots of Decimals
	Chapter-6 Cubes and Cube roots	Introduction	Hardy Ramanujan numbers
		Cubes	Numbers obtained when a number is multiplied by itself three times are known as cube numbers. If in the prime factorisation of any number each factor appears three times, then the number is a perfect cube.
		Cube Roots	Some Interesting Patterns Smallest multiple that's a perfect cube The symbol $\sqrt[3]{\quad}$ denotes cube root Cube root through prime factorisation method
	Chapter-7 Comparing Quantities	Recalling Ratios and Percentages	Recalling Ratios and Percentages
		Finding Discounts	Discount is a reduction given on marked price. Discount = Marked Price – Sale Price . Discount can be calculated when a discount percentage is given. Discount = Discount % of Marked Price
			Estimation in percentages

		<p>Sales Tax/Value Added Tax/Goods and Services Tax</p> <p>Compound Interest</p> <p>Deducing a Formula for Compound Interest</p>	<p>Additional expenses made after buying an article are included in the cost price and are known as overhead expenses. $CP = \text{Buying price} + \text{Overhead expenses}$. Sales tax is charged on the sale of an item by the government and is added to the Bill Amount. $\text{Sales tax} = \text{Tax}\% \text{ of Bill Amount}$. GST stands for Goods and Sales Tax/Value Added Tax/Goods and Services Tax, Services Tax and is levied on supply of goods or services or both.</p> <p>Compound interest is the interest calculated on the previous year's amount ($A = P + I$)</p>
OCTOBER	<p>Chapter-7 Comparing quantities(Continued.....)</p> <p>Chapter -8 Algebraic Expressions and Identities</p>	<p>Applications of Compound Interest Formula</p> <p>Addition and Subtraction of Algebraic Expressions</p> <p>Multiplication of Algebraic Expressions: Introduction</p> <p>Multiplying a Monomial by a Monomial</p> <p>Multiplying a Monomial by a Polynomial</p>	<p>Applications of Compound Interest Formula</p> <p>Addition and Subtraction of Algebraic Expressions</p> <p>Multiplication of Algebraic Expressions: Introduction</p> <p>Multiplying 2 monomials</p> <p>Multiplying 3 or more monomials</p> <p>Multiplying a Monomial by a binomial</p> <p>Multiplying a Monomial by a trinomial</p>
<p>OCTOBER 18 to 30 TERM END EVALUATION (Chapters-1,2,3,4,5, 6 and 7)</p>			

NOVEMBER	<p>Chapter -8 Algebraic Expressions and Identities(Continued.....)</p> <p>Chapter-9 Mensuration</p>	<p>Multiplying a Polynomial by a Polynomial</p> <p>Introduction</p> <p>Area of a Polygon</p> <p>Solid Shapes</p> <p>Surface Area of Cube, Cuboid and Cylinder</p> <p>Volume of Cube, Cuboid and Cylinder</p> <p>Volume and Capacity</p>	<p>Multiplying a binomial by a binomial Multiplying a binomial by a trinomial</p> <p>Perimeter and area of plane figures(Square , Rectangle, Triangle, Parallelogram)</p> <p>Area of a Polygon</p> <p>Area of a trapezium = $\frac{h}{2}(a+b)$</p> <p>Area of a Rhombus = $\frac{1}{2} (d_1 \times d_2)$</p> <p>Faces of Cube, Cuboid, Cylinder</p> <p>Surface area of a cuboid = $2(lb + bh + hl)$ Surface area of a cube = $6l^2$ Surface area of a cylinder = $2\pi r(r + h)$ Lateral surface area of a cuboid = $2h(l + b)$ lateral surface area of a cube = $4l^2$ Curved surface area of a cylinder = $2\pi rh$</p> <p>Volume of a cuboid = $l \times b \times h$ Volume of a cube = l^3 Volume of a cylinder = $\pi r^2 h$</p> <p>Volume and Capacity</p>
----------	---	---	---

DECEMBER	Chapter-10 Exponents and Powers	<p>Introduction</p> <p>Powers with Negative Exponents</p> <p>Laws of Exponents</p> <p>Use of Exponents to Express Small Numbers in Standard Form</p>	<p>Introduction</p> <p>Numbers with negative exponents obey the following laws of exponents.</p> <p>(a) $a^{-m} = \frac{1}{a^m}$</p> <p>(a) $a^m \times a^n = a^{m+n}$</p> <p>(b) $a^m \div a^n = a^{m-n}$</p> <p>(c) $(a^m)^n = a^{mn}$</p> <p>(d) $a^m \times b^m = (ab)^m$</p> <p>(e) $a^0 = 1$</p> <p>(f) $\frac{a^m}{b^m} = \left(\frac{a}{b}\right)^m$</p> <p>Comparing very large and very small numbers</p>
MID TERM EVALUATION II - January 3 To 10 { CHAPTERS 8,9 AND 10 }			

<p>JANUARY</p>	<p>Chapter-11 Direct and Inverse Proportion</p>	<p>Introduction</p> <p>Direct Proportion</p> <p>Inverse Proportion</p>	<p>Two quantities x and y are said to be in direct proportion if they increase (decrease) together in such a manner that the ratio of their corresponding values remains constant. If y_1, y_2 are the values of y corresponding to the values x_1, x_2 of x respectively then</p> $\frac{x_1}{y_1} = \frac{x_2}{y_2}$ <p>Two quantities x and y are said to be in inverse proportion if an increase in x causes a proportional decrease in y (and vice-versa) in such a manner that the product of their corresponding values remains constant. y_1, y_2 are the values of y corresponding to the values x_1, x_2 of x respectively then $x_1 y_1 = x_2 y_2$</p> <p>A line graph A line graph displays data that changes continuously over periods of time</p> <p>A line graph which is a whole unbroken line is called a linear graph. For fixing a point on the graph sheet we need, x-coordinate and y-coordinate .</p> <p>The relation between dependent variable and independent variable is shown through a graph.</p>
	<p>Chapter-13 Introduction to Graphs</p>	<p>Introduction</p> <p>Some Applications</p>	

FEBRUARY	Chapter-12 Factorisation	<p>Introduction</p> <p>What is Factorisation?</p> <p>Division of Algebraic Expressions</p> <p>Division of Algebraic Expressions Continued (Polynomial ÷ Polynomial)</p>	<p>Factors of natural numbers Factors of algebraic expressions</p> <p>Method of common factors</p> <p>Factorisation by regrouping terms</p> <p>Identities</p> $(a+b)^2 = a^2+2ab+b^2$ $(a-b)^2 = a^2-2ab+b^2$ $a^2-b^2= (a+b) (a-b)$ $(x+a) (x+b) = x^2+(a+b) x+ab$ <p>Factorisation using identities Factors of the form $(x+a)(x+b)$</p> <p>Division of a monomial by another monomial Division of polynomial by monomial</p> <p>Division of Algebraic Expressions (Polynomial ÷ Polynomial)</p>
MARCH	REVISION		
MARCH 10 to 21 FINAL EXAMINATION (Chapters- 8,9,10,11,12,13)+ First term chapters(2 , 3 & 5)			

BHARATIYA VIDYA BHAVAN , KOCHI
YEAR PLAN FOR THE ACADEMIC YEAR 2024 - 25 (STD VIII)

MONTH	TOPIC	SUB-TOPICS	CONCEPTS
JUNE	Chapter 8-Force and Pressure (Up to 8.6)	Force- a push or pull, forces are due to an interaction, exploring forces, force can change state of motion, shape of an object.	Force.Forces are due to interaction,Effects of force.
JULY	Chapter 8-Force and Pressure (contd ..) REVISION MID-TERM EVALUATION I (CHAPTER 8)	Contact forces,non-contact forces.Pressure, pressure exerted by liquids and gases, atmospheric pressure.	Contact force- Muscular force, Frictional force . Non contact force- Magnetic force, Electrostatic force, Gravitational force,Pressure, pressure exerted by liquids and gases, atmospheric pressure
AUGUST	Chapter 9- Friction	Force of friction, Factors affecting friction.Friction is a necessary evil. Increasing and reducing friction.Wheels reduce friction, Fluid friction.	Friction, Factors affecting friction- Nature of the surface Types of friction- Static friction, sliding friction, Rolling friction. Advantages and disadvantages of friction. Increasing and reducing friction. Fluid friction- drag, Methods to reduce fluid friction.
SEPTEMBER	Chapter10- Sound (Up to 10.3)	Sound produced by vibrating body, Sound produced by Humans.	Vibrations, Musical instruments and vibrating parts, Production of sound in Humans
OCTOBER	Chapter 10 -Sound (Up to 10.4) REVISION	Sound needs a medium for propagation	Propagation of sound in different media(Solid,liquid,gas).
NOVEMBER	Chapter 10 -Sound (Contd...)	We hear sound through our ears. Amplitude, time period and frequency of vibration, Audible and in-audible sound Noise and music,Noise pollution.	Process of hearing, Amplitude, time period, frequency,Audible and in-audible sound Noise and music,Noise pollution.
DECEMBER	Chapter 12-Some Natural Phenomena	Lightning, charging by rubbing Types of charges and their interactions Transfer of charge Story of lightning,lightning safety. Earthquakes, What is an earthquake?, What causes an earthquake?, protection against earthquakes	Charged and uncharged objects, Charging by rubbing,Static charges,Electroscope and its working,Earthing,Lightning,Lightning conductor, Earthquakes, its causes , protection against earthquakes
JANUARY	REVISION MID-TERM EVALUATION II Chapter 13- Light((Up to 13.4)	What makes things visible, laws of reflection, Regular and diffused reflection.	Incident ray, reflected ray, Angle of incidence, angle of reflection, laws of reflection,regular and diffused reflection.
FEBRUARY	Chapter 13-Light (contd...)	Reflected light can be reflected again,Multiple images,Sunlight white or coloured. What is inside our eyes? Care of Eyes.Visually challenged persons can read and write, What is the Braille system?	Multiple reflection and its applications,Kaleidoscope,Dispersion of light,Different parts of eye, blind spot, Persistence of vision,near point, defects of eye,Care of eyes,Braille system.
MARCH	REVISION FINAL EXAMINATION (CHAPTERS 10,12,13)		

BHARATIYA VIDYA BHAVAN, KOCHI KENDRA

**YEAR PLAN FOR ACADEMIC YEAR 2024-2025
CLASS -VIII
SUBJECT -SOCIAL SCIENCE**

MONTH	TOPIC	SUB-TOPICS	CONCEPTS
June	1.Resources (G)	Types of Resources, Human made resources, Human resources, Conserving Resources, principles of sustainable development (box to be taught) Glossary to be taught,	Utility, value, patent, technology, natural resources, stock of resource, renewable and nonrenewable resources, Human made resources, human resources, conservation of resources, sustainable development and its principles.
	1.The Indian Constitution (C)	Why does a Country need a constitution? The Indian Constitution – Key features, Federalism, Parliamentary form of Government, Separation of powers, Fundamental Rights, Secularism. (Box on pg 14 to be taught, Glossary included)	Constitution, Federalism, Parliamentary form of Government, Separation of powers, Fundamental Rights, Secularism
	1.Introduction: How, when and where(H)	How important are dates? Which dates? How do we periodise? What is colonial? How do we know? Administration produces records, Surveys become important. What official records do not tell. Boxes not to be taught	Dates and their importance, Historians; periods, surveys, importance of records of past, calligraphists, administrative records
July	2.From trade to territory(H)	The Battle of Plassey, Company rule expands, The claim to Paramountcy, The Doctrine of Lapse. Only for discussion -East India Company Comes East, East India Company begins trade in Bengal, how trade led to battles, company officials become nabobs, Tipu Sultan – The “Tiger of Mysore”, War with the Marathas, Setting up a New Administration, The Company army, Conclusion.) (Boxes only for reading)	Subsidiary Alliance, Claim to Paramountcy, Doctrine of Lapse

	<p>2.Understanding Secularism (C)- ACTIVITY</p>	<p>What is Secularism? Why is it Important to Separate Religion from the State? What is Indian Secularism?</p>	<p>Indian secularism, religious tolerance</p>
MID TERM 1 (31/7/2024- 7/8/2024)			
August	<p>2.Land, soil, water, natural vegetation and wild life(G)</p>	<p>Land, Land use, Conservation of Land Resource, Soil, Factors of Soil Formation, Degradation of Soil and Conservation Measures, Water, Problems of Water Availability, Conservation of Water Resources (Glossary to be taught)</p> <p>Topics for discussion and Activity Land slide, A case Study, Mitigation Mechanism, Natural Vegetation and Wildlife, Distribution of Natural Vegetation, Conservation of Natural Vegetation and Wildlife</p>	<p>Land use, Soil formation, Weathering, Mulching, Contour barriers, Rock dam, Terrace farming, Intercropping, contour ploughing, shelter belts</p>
	<p>3.Ruling the country side (H)</p>	<p>The Company becomes the Diwan, Revenue for the Company, The need to improve agriculture, The Problem, A new system is devised, Munroe system, All was not well. Crops for Europe, Does colour have a history? Why the demand for Indian indigo? Britain turns to India. How was indigo cultivated? Problems with the ‘Nij’ cultivation. Indigo on the land of riots.</p> <p>Topic for Activity The “Blue Rebellion” and After</p>	<p>Permanent Settlement, The Munro System, Mahalwari Settlement, Indigo Cultivation, Nij Cultivation , Ryoti Cultivation</p>

<p>September</p>	<p>3. Parliament and the Making of Law</p>	<p>Why should people decide? People and their representatives, The role of the Parliament, A. To select the National Government B. To control, guide and inform the government, glossary to be taught.</p> <p>Only for discussion- How do new laws come about? Unpopular and Controversial laws.</p>	<p>Parliament- Its functions, Lok Sabha, Rajya Sabha, Importance of Laws</p>
<p>September/ October</p>	<p>5. When people rebel 1857 and after (H)</p>	<p>Policies and the people, Nawabs lose their power, The peasants and the sepoys, Responses to reforms, From Meerut to Delhi, The Rebellion spreads, Aftermath.</p> <p>Discussion only - (Through the eyes of the people, A Mutiny becomes a popular rebellion, The company fights back)</p> <p>THIS LESSON IS NOT FOR END TERM EVALUATION IT CAN BE ASSESSED IN MID TERM II</p>	<p>Residents, Sepoy, Christian Missionaries, Regiment, firangis, mutiny, Peshwa.</p>
<p>END TERM EVALUATION -I (18/10/24- 30/10/24)</p>			
<p>October</p>	<p>4. Tribals, Dikus and the Vision of a Golden Age (Activity)(H)</p>	<p>How did the tribal Groups live? How did Colonial Rule Affect Tribal Lives</p>	<p>Dikus, Kinship, hunter gatherers</p>

November	3.Agriculture(G)	Introduction, (box in page no 23 included), Farm System, (fig no 3.2, 3.3 are included) Major Crops, Agricultural development, A Farm in India, A Farm in the USA. Discussion only- (Types of Farming, Subsistence Farming, Commercial Farming)	Primary activities, Secondary activities, Tertiary activities, Agriculture, Sericulture, Pisciculture, Viticulture, Horticulture, Farm System, Agricultural Development.
	6.Civilising the "Natives" educating the nation(H)	Education for commerce. What happened to the local schools? The Report of William Adam. New routines, New rules, Agenda for National Education.” English education has enslaved us”, Tagore’s” Abode of peace” New Terms to be taught Madrasa, Linguist has to be taught. (How the British saw Education, The tradition of Orientalism, “Grave errors of the East”-only for discussion)	Wood's Dispatch, Report of William Adam, Pathshalas, Views on education by Mahatma Gandhi and Tagore, Santiniketan
	4.Industries(G)	Introduction, Classification of Industries, Factors Affecting Location of Industries, Industrial System. Discussion only (Industrial Regions, Distribution of Major Industries, Iron and Steel Industry, Jamshedpur, Pittsburgh)	Industry, Raw materials, Argo- based industries, Mineral based industries, Marine based industries, Forest based industries, Small Scale and Large-Scale Industries, Private Sector Industries, Public Sector Industries, Co-operative Sector, Joint sector industries, Industrial System
December	5.Understanding Margilisation (Activity)(C)	Who are Adivasis? Adivasis and Stereotyping, Adivasis and Development, Minorities and Marginalisation, Muslims and Marginalisation, Conclusion	Adivasis, hierarchy, Jati-varna, marginalisation, minorities.

December	4.Judiciary (C)	<p>What is the role of the Judiciary? What is an independent Judiciary? What is the Structure of the Courts in India? What are the different branches of the legal system? (criminal and civil law to be taught) Does everyone have access to the courts? - , Glossary to be taught Pictures and boxes not included</p>	Dispute Resolution, Judicial review, Upholding the Law, Independent Judiciary, Supreme Court, High Court, District Court, Integrated Judicial System, Civil Law, Criminal Law, Public Interest Litigation
December	7.Women, Caste and Reform(H) EVALUATION IN THE END TERM II	<p>Introduction, Working towards change, Changing the lives of widows, Girls begin going to school, Caste and social reforms, Demands for equality and justice, Who could enter temples? (Discussion Only- Women write about women, Gulamgiri, The Non- Brahman movement, Organising for reform. and Boxes)</p>	Sati, Untouchables, Brahma Sabha, Education for girls, Prarthana Samaj ,Satnami movement in Central India, caste prejudice, temple entry movement.
MID TERM EVALUATION -II (3/1/2025- 10/1/2025)			
January	5.Human resources(G)	<p>Human resources, Distribution of population, Density of population, Factors affecting distribution of population, Population change, Patterns of population change (Discussion Only- Population Composition)</p>	Human resources, pattern of population distribution, topography, climate, soil, water, minerals, social factors, cultural factors, economic factors, birth rate, death rate, migration, natural growth rate, Emigrants. Immigrants.
	6.Conforting margilisation (Activity)(C)	Invoking Fundamental rights, Laws for the Marginalised, Protecting the rights of Dalit and Adivasis, Adivasis Demand and the 1989act.	Promoting social Justice, Reservation policy, Prevention of Atrocities Act 1989

February	8.Law and Social Justice (C)	<p>What is a worker's worth? Enforcement of safety laws, New laws to protect the environment, Conclusion. Glossary to be taught.</p> <p>Only for Discussion - Introduction, Bhopal Gas Tragedy) Boxes not included</p>	Minimum wages, consumer, Producer, Investment, worker's union, Foreign Companies and India.
	8.The Making of the National Movement 1870s-1947 (H)	<p>The Growth of Mass Nationalism, The advent of Mahatma Gandhi, The Rowlatt Satyagraha, Khilafat agitation and the Non-Cooperation Movement, The March to Dandi(ONLY DANDI MARCH TO BE TAUGHT - FIRST TWO PARA) Quit India and later (BOXES AND TERMS NOT INCLUDED)</p> <p>(Discussion only- The emergence of Nationalism, A nation in the making, Freedom is our birth right, People's initiatives, The people's Mahatma, The happenings of 1922-1929, Towards independence and Partition)</p>	Mass Nationalism, racial discrimination, local movements in Champaran, Kheda and Ahmedabad, Rowlatt Satyagraha, knighthood, Khilafat agitation and the Non-Cooperation Movement, Khalifa, forest satyagrahas, mahants, Gandhi Raja, illegal eviction, Chauri Chaura, Civil Disobedience movement, Purna Swaraj, Salt March, provincial autonomy, Quit India Movement.
	7.Public Facilities (Activity)(C)	Water and the People of Chennai, Water as Part of the Fundamental Right to Life, Public Facilities, The Government's Role, Water Supply to Chennai: Is it Available to All? In Search of Alternatives, Conclusion.	Universal access to water, sanitation, Public facilities and basic needs
March	<p>Revision</p> <p>FINAL EXAMINATION (MARCH 10 TO MARCH 21)</p>		

BHARATIYA VIDYA BHAVAN, KOCHI KENDRA**YEAR PLAN 2024-25****STD VIII****SANSKRIT**

MONTH	UNIT	TOPIC	CONCEPTS
JUNE	1	सुभाषितानि	कथाश्रवणे, वाचने, लेखने च
JULY	2	बिलस्य वाणी न कदापि	सुभाषितश्रवणे, वाचने लेखने च नान्तर्गम।
MID TERM EVALUATION 1 ; JULY 31 TO AUG 07 ; LESSON 1 , 2 & व्याकरणकार्याणि च			
AUGUST	4	सदैव पुरतो निधेहि चरणम्	जागरणस्य महत्वम्। सुभाषितश्रवणे वाचने लेखने च
SEPTEMBER	5	कण्टकेनैव कण्टकम्	कथापरिचयः।
OCTOBER	9	सप्तभगिन्यः	राष्ट्रस्नेहम्।
TERM END EXAMINATION OCTOBER 18 to 30 LESSONS -1, 2, 4, 5, & 9 व्याकरणकार्याणि च			
NOVEMBER	10	नीति नवनीतम्	जीवनविजयप्राप्त्यर्थ- सद्विचाराः सन्धिकार्याणां पठनम्
DECEMBER	11	सावित्री बाई फुले	पुरातनकालस्थस्त्रीशिक्षा- विषयमधिकृत्य विशदरीत्या
JANUARY	14	आर्यभट्टः	गणित-ज्योतिशास्त्रजम् आर्यभटम् अधिकृत्य पठनम्
MID TERM EVALUATION 2 ; JANUARY 03 TO 10 LESSONS - 10 , 11 & व्याकरणकार्याणि च			
FEBRUARY		स्वरसन्धिः	भाषिक-व्याकरणादि कार्याणाम् स्पष्टीकरणम्।
MARCH		आवर्तनम्	
FINAL EXAM MARCH 10/03/2023 to 21/03/2023 LESSONS – 10, 11, 14 & व्याकरणकार्याणि च			
BVM ELAMAKKARA, BVM GIRINAGAR, BVM EROOR, BAV KAKKANAD, BVV THRIKKAKKARA, BMV TRIPUNITHURA, BNV VELLOOR			