

BHARATIYA VIDYA BHAVAN, KOCHI KENDRA
YEAR PLAN 2023 - 2024
STD - VII ENGLISH

MONTH	MAIN TEXT [HONEYCOMB]	SUPPLEMENTARY READER [AN ALIEN HAND]	GRAMMAR	WRITING
JUNE [23 Days]	Unit - 1 Three Questions The Squirrel (Poem)	Unit - 1 The Tiny Teacher	Words used as noun, verb and adjective.	Dialogue Writing
JULY [22 Days]	Unit - 3 Gopal and the Hilsa-fish The Shed (Poem)	--	Reported Speech (Present tense- Interrogative & Statements)	Picture Composition
AUGUST [19 Days]	Unit 2 The Rebel (Poem) Unit 4 The Ashes That Made Trees Bloom Unit -5 Quality	Unit -2 Bringing Up Kari	If Clause (Simple Present Tense) - Unit 2 A Gift of Chappals	
MID TERM EVALUATION 1 [AUGUST 7 - 14]				
SEPTEMBER [19 Days]	Unit - 7 The Invention of Vita-Wonk Dad and the Cat and the Tree (Poem)	Unit - 5 Golu Grows a Nose	Use of 'Do' 'Does' 'Did'	Short paragraph writing
OCTOBER [21 Days]	Unit- 2 A Gift of Chappals (Reading Only)	--	Phrasal Verbs	Story Writing based on the given points
TERM END EVALUATION [OCTOBER 3 - 13]				
NOVEMBER [24 Days]	Unit - 4 Chivvy (Poem) Unit 5 Trees (Poem) Unit 8 A Homage to Our Brave Soldiers		Question Words Articles Punctuation	Paragraph Writing
DECEMBER [18 Days]	Unit 6 Mystery of the Talking Fan (Poem)	Unit 7 - Chandni	--	Dialogue Writing Pg 98
JANUARY [22 Days]	Unit - 6 Expert Detectives	Unit -8 The Bear Story	Idioms	
MID TERM EVALUATION 2 [JAN 8 - 15]				
FEBRUARY [23 Days]	Unit -8 Meadow Surprises (Poem) Unit -7 Garden Snake (Poem)	Unit - 9 A Tiger in the House Unit -10 An Alien Hand	--	Write a Short Poem
MARCH [16 Days]	REVISION			
FINAL EXAMINATION [MARCH 11 - 22]				

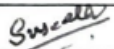

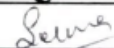
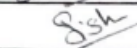
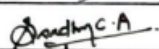
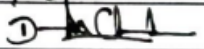
NAME OF THE TEACHER	NAME OF THE SCHOOL	
LAKSHMI G MENON	BVM, EROOR	
ILA RAMESH	BVV, THIRIKKAKARA	
LINCY M	BAV, KAKKANAD	
S. DEEPTHI	BNV, VELLOOR	
MARY GEORGE	BVM, GIRINAGAR	
SHANY JOY	BMV, TRIPUNITHURA	
RAHUL BABU	BVM, ELAMAKKARA	

DELETED PORTIONS AS PER RATIONALISED SYLLABUS	
[HONEYCOMB]	Unit 8 Fire: Friend and Foe (Prose) Unit 9 A Bicycle in Good Repair (Prose) Unit 10 The Story of Cricket (Prose)
[AN ALIEN HAND]	Unit 3 The Desert Unit 4 The Cop and the Anthem Unit 6 I want Something in a Cage

BHARATIYA VIDYA BHAVAN, KOCHI KENDRA
YEAR PLAN FOR THE ACADEMIC YEAR 2023-24
MALAYALAM
CLASS - VII

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

DECEMBER	എത്രയും ചിത്രം ചിത്രം!	പ്രാതൽ (ഗദ്യം,വാചികം) വിഭക്തി, അവധാരണം	ലേഖകൻ, ആക്ഷേപഹാസ്യം, ചെറുകഥ	
JANUARY	അറിവായ് നിറവായ്	മീനുകളുടെ ആകാശവും പറവകളുടെ ഭൂമിയും (ഗദ്യം)	ആധുനികത, കഥാകൃത്ത്, പാരിസ്ഥിതികാവബോധം, സ്വതന്ത്രചിന്ത, തടവിലാക്കപ്പെടുന്ന ബാല്യങ്ങൾ	MID TERM EVALUATION II . 1.മായപ്പെടാനാൻ 2.കൊച്ചുനൂജൻ, വിഭക്തി
FEBRUARY	ചിറകുള്ള ചിത്രങ്ങൾ	മീനുകളുടെ ആകാശവും പറവകളുടെ ഭൂമിയും (ഗദ്യം തുടർച്ച) പീച്ച പുന്തോട്ടം (വാചികം) കത്ത്	വായന, ദൃശ്യാനുഭവം, തിരക്കഥ ,സിനിമ	
MARCH		പ്രയോഗം മാറ്റുക ആവർത്തനപാഠം	വാക്യ പരിവർത്തനം	FINAL EXAMINATION . 1 അരങ്ങുണരുന്ന 2 മായപ്പെടാനാൻ 3. കൊച്ചുനൂജൻ, 4.മീനുകളുടെ ആകാശവും പറവകളുടെ ഭൂമിയും 5.കത്ത്, 6.അവധാരണം, 7വിഭക്തി 8പ്രയോഗം മാറ്റുക (20%മാർക്ക് 1st term ഇൽ നിന്നും ചേർക്കണം)

SL.No.	NAME OF TEACHERS	SCHOOL	SIGNATURE
1	SUSEELA K U	BHAVAN'S VIDYA MANDIR , EROOR	
2	AMBILI P G	BHAVAN'S NEWS PRINT VIDYALAYA,VELLOOR	
3	SEEMA S	BHAVAN'SVARUNA VIDYALAYA, THRIKKAKARA	
4	JISHA R NAIR	BHAAVAN'S ADARSHA VIDYALAYA, KAKKANAD	
5	SANDHYA	BHAVAN'S VIDYA MANDIR, GIRINAGAR	
6	DEEPA CHANDRAN	BHAVAN'S VIDYA MANDIR,ELAMAKKARA	
7	SAVITHRI P D	BHAVAN'S MUNSHI VIDYASHRAM THIRUVAMKULAM	

BHARATIYA VIDYA BHAVAN, KOCHI KENDRA

YEAR PLAN 2023-2024

STD VII- HINDI

MONTH	TOPIC	SUB-TOPICS	CONCEPTS
जून	वर्णमाला, मात्राएँ (पुनरावृत्ति) हम पंछी उन्मुक्त गगन के हिमालय की बेटियाँ महाभारत कथा देवव्रत(वाचन) विशेषण-विशेष्य द्वंद्व समास रचना-स्वतंत्रता का महत्व(केवल अभ्यास के लिए)	समानार्थ, पर्याय, एक शब्द, प्रश्नोत्तर, विशेषण-विशेष्य	स्वतंत्रता का महत्व हिमालय और नदियों का मानवीकरण करते हुए हिमालय से निकलनेवाली नदियों के नाम, उल्भव स्थल और उनके बदलते रूप से परिचित करवाना
जुलाई	मिठाईवाला भीष्म प्रतिज्ञा अंबा और भीष्म & वितुर(केवल वाचन) विशेषण के भेद, पठित गद्यांश	समानार्थ, पर्याय, विलोम, प्रश्नोत्तर	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
MID TERM EVALUATION PORTIONS - हम पंछी उन्मुक्त गगन के, हिमालय की बेटियाँ, महाभारत कथा, भीष्म प्रतिज्ञा (पठित गद्यांश), विशेषण-विशेष्य, विशेषण के भेद, पठित गद्यांश, पद्यांश			
अगस्त	कठपुतली कुंती भीम(केवल वाचन) पठित पद्यांश अनुच्छेद लेखन- जल संरक्षण (काँपी में लिखने के लिए)	समानार्थ, प्रश्नोत्तर	परतंत्रता का जीवन जीना कोई नहीं चाहता
सितंबर	भोर और बरखा (केवल वाचन) रहीम के दोहे कर्ण क्रिया के भेद अपठित गद्यांश रचना- परोपकार(केवल अभ्यास के लिए)	दोहा 1, 2, 3 भावार्थ	नैतिक मूल्यों का विकास

<p>TERM END EVALUATION I PORTIONS - हम पंछी उन्मुक्त गगन के, हिमालय की बेटियाँ, मिठाईवाला, कठपुतली, रहीम के दोहे, विशेषण-विशेष्य, विशेषण के भेद, क्रिया के भेद, समास(द्वंद्व), उपपाठ कुंती, कर्ण (पठित गद्यांश), अपठित गद्यांश, पठित गद्यांश, पद्यांश (वसंद के आधार पर), अनुच्छेद लेखन- जल संरक्षण</p>			
अक्टूबर	<p>खानपान की बदलती तस्वीर(क्रियाकलाप- कला समेकित) शाम एक किसान द्रौपती स्वयंवर इंद्रप्रस्थ, जरासंध, शकुनि प्रवेश(वाचन) मुहावरे ,पठित पद्यांश</p>	समानार्थ,पर्याय, प्रश्नोत्तर	प्रकृति के स्वाभाविक सौंदर्य को निहार कर उसके आनंद का रसास्वादन करना
नवंबर	<p>नीलकंठ द्रोणाचार्य लाख का घर पांडवों की रक्षा(वाचन) वीर कुंवर सिंह(केवल वाचन) समास- कर्मधारय संधि पठित गद्यांश</p>	समानार्थ, एक शब्द, पर्याय, विलोम, प्रश्नोत्तर, संधि, समास	मानव और पक्षियों के आपसी प्रेम का रोचक वर्णन प्रकृति के स्वाभाविक सौंदर्य को निहार कर उसके आनंद का रसास्वादन करना।
दिसंबर	<p>अपूर्व अनुभव(केवल वाचन) चौसर का खेल तथा द्रौपदी की व्यथा धृतराष्ट्र की चिंता(वाचन) भूतकाल(अकर्मक) मुहावरे</p>		
<p>MID TERM EVALUATION II PORTIONS- रहीम के दोहे, शाम एक किसान, मुहावरे, भूतकाल, द्रौपती स्वयंवर,द्रोणाचार्य, लाख का घर,पठित गद्यांश, पद्यांश (वसंद के आधार पर)</p>			
जनवरी	<p>एक तिनका भीम और हनुमान द्वेष करनेवाले का जी नहीं भरता, मायावी सरोवर, यक्ष प्रश्न, अज्ञातवास, प्रतिज्ञा पूर्ती, विरत का भ्रम, मंत्रणा, राजदूत संजय(वाचन) भूतकाल (सकर्मक) , पठित पद्यांश</p>	समानार्थ, पर्याय, प्रश्नोत्तर , पूरी कविता कंठस्थ करना	हमें स्वयं पर कभी घमंड/अहंकार नहीं करना चाहिए

YEAR PLAN FOR THE ACADEMIC YEAR 2023-24

MONTH	TOPIC	SUB-TOPICS	CONCEPTS
JUNE	पद्यम्	1. सुभाषितानि	सुभाषितपरिचयः, मूल्यावबोधः ।
	नाटकम्	8. त्रिवर्णः ध्वजः	स्वदेशं प्रति भक्तिभावना ।
JULY	गद्यम्	3. स्वावलम्बनम्	कथास्वादनं , रचनासामर्थ्यं
	नाटकम्	4. हास्य बालकविसम्मेलनम्	जीवितरसास्वादनम्
Mid Term Evaluation (August 7-14) Lesson - 1,2,,3 लट् लङ् लृट् संख्या (1-50)			
SEPTEMBER	गद्यम्	5. पण्डिताराबाई	कथास्वादनम्
	पद्यम्	6. सदाचारः	सूक्तीनां अवधारणम् ।
OCTOBER	नाटकम्	7.संङ्कल्पः सिद्धिदायकः	पुराणकथास्वादनम्
Term End Evaluation (October 3- 13) Lesson 5,6 लट् लङ् लृट् संख्या 1-50 , अकारान्त पुलिङ्ग			
स्त्रीलिङ्ग नपुंसकलिङ्ग पठितावबोधनम् , अपठितावबोधनम् , चित्र वर्णनम्			
NOVEMBER	कथा	2. दुबुद्धिः विनश्यति	कथास्वादनं , रचनासामर्थ्यं
DECEMBER	नाटकम्	9. अहमपि विद्यालयं गमिष्यामि	कथास्वादनं , स्त्रीशिक्षायाः प्राधान्यम्
	गद्यम्	10. विश्वबन्धुत्वम्	वसुदैव कुटुम्बकम्
JANUARY	कथा	11 समवायो हि दुर्जयः	कथास्वादनम्
	गद्यम्	13. अमृतं संस्कृतम्	राचना सामर्थ्यम्, भाषाप्रयोगः
Mid Term Evaluation (January 8-15) Lesson 7, 2,10			
FEBRUARY	गीतम्	15. लालन गीतम्	प्रकृति स्नेहः ।कवितालापनम्
	गद्यम्	14 .अनारिकायाः जिज्ञासा	सम्भाषण कौशलम् ।
	पद्यम्	12. विद्याधनम्	सूक्तीनां अवधारणम् ।
MARCH	पुनरावर्तनम्	पुनरावर्तनम्	पुनरावर्तनम्
Final Examination March11-22 Lesson 13,14			
पठितावबोधनम् ।अपठितावबोधनम् । चित्रवर्णनम्			
BVM ELAMAKKARA	BVM GIRINAGAR	BAV KAKKANAD	BVV VARUNA
BVM EROOR	BVM TRIPUNITURA	BNV VELOOR	

BHARATIYA VIDYA BHAVAN, KOCHI
YEAR PLAN FOR THE ACADEMIC YEAR 2023-24
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)	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 Electric Bell	Magnetic Effect of Electric current Electromagnet Applications of Electromagnet Electric Bell
OCTOBER	TERM END EVALUATION -1 (CHAPTER 3 - HEAT CHAPTER 10 - ELECTRIC CURRENT AND ITS EFFECTS)		
	CHAPTER 9 - MOTION AND TIME (upto 9.3)	Slow or fast Speed	Distance Speed Equation to calculate speed Uniform motion Non - Uniform motion
NOVEMBER	CHAPTER 9 - MOTION AND TIME (upto 9.5)	Measurement of Time Measuring Speed	Simple Pendulum Oscillation Time period SI unit of time SI unit of speed Measuring speed Devices to measure distance travelled and speed

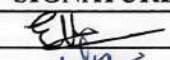
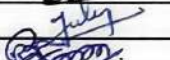

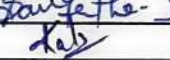
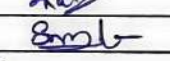

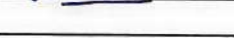
DECEMBER	CHAPTER 9 - MOTION AND TIME (conti.)	Distance-Time graph	Distance -Time graph for Uniform motion and Non - Uniform motion Importance of Distance - Time graph
JANUARY	MID TERM EVALUATION - II CHAPTER 9 - MOTION AND TIME(upto 9.5)		
	CHAPTER 11- LIGHT (upto 11.4)	Light travels along a straight 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)		

NAME OF THE SCHOOL	NAME OF THE TEACHER	SIGNATURE
BVM, GIRINAGAR	NEETHU P S	
BAV, KAKKANAD	SINDHU T N	
BVM, EROOR	ASWATHI K	
BMV, TRIPUNITHURA	ROOPIKA V P	

BHARATIYA VIDYA BHAVAN, KOCHI KENDRA
YEAR PLAN FOR THE ACADEMIC YEAR 2023-24
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 (7/8/23 - 14/8/23) Chapter:Acids,bases and salts upto 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
SEPTEMBER	Forest: Our lifeline	Visit to a forest,crown,canopy and understoreys,food chain,decomposers,forest as green lungs ,forest is a dynamic living entity,preservation of forest. Revision	Forest as a habitat, forest animals-examples, forest trees-examples, forest products Crown, canopy,understoreys, 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	TERM END EVALUATION-I (3/10/23 - 13/10/23) Chapters: Acids,bases and salts & Forests:Our lifeline		
	Physical and chemical changes	Physical properties, Physical change	Physical properties, physical change
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)	Chemicalchange - examples, characteristics of chemical change, indications of chemical change, word equations of chemical change, test for carbondioxide.
JANUARY	Revision MID TERM EVALUATION - II (8/1/24 - 15/1/24) 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,WWTP, 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, vermi processing toilets, alternative arrangement of sewage disposal - low cost onsite sewage disposal.

MARCH	Revision FINAL EXAMINATION (11/3/24 - 22/3/24) Chapters: Physical and chemical changes & Waste water story		
	20% weightage for first term portion (Chapter: Acids,bases and salts-neutralisation and neutralisation in everyday life only)		
	NAME OF THE TEACHER	SCHOOL	SIGNATURE
	ELLORA JOSEPH	BAV KAKKANAD	
	JUBY T J	BMV THIRUVAMKULAM	
	SURIYANARAYANAN S	BVM EROOR	
	SANGEETHA S	BNV VELLOOR	
	KALA NAIR	BVM GIRINAGAR	
	SREELAKSHMI A	BVM ELAMAKKARA	
	BISMI S NAIR	BVV THRIKKAKKARA	

BHARATIYA VIDYA BHAVAN , KOCHI KENDRA

YEAR PLAN 2023-2024

STD VII

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 inthe soil	Nitrogen Fixation - role of Rhizobium bacteria
JULY	2. NUTRITION IN ANIMALS	2.1 Different ways of taking food	Various modes of feeding
		2.2 Digestion in humans	Parts of alimentary canal,Human digestive system , Various processess of nutrition, Digestion of food in different parts of digestive tract
	MIDTERM EVALUATION -1 AUGUST (7 - 14) 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	Inhalation and exhalation , Breathing rate
SEPTEMBER		6.3 How do we breathe ?	Mechanism of breathing

TERM END EVALUATION -1 OCTOBER(3- 13) 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 breath 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
MIDTERM EVALUATION -II JANUARY (8-15) CHAPTER 6 -RESPIRATION IN ORGANISMS (6.4 ONAWRDS) CHAPTER 7- TRANSPORTATION IN PLANTS AND ANIMALS UPTO 7.2 (7.2 NOT INCLUDED)			
JANUARY	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	<p align="center">FINAL EXAMINATION - MARCH (11-22)</p> <p align="center">20% OF FIRST TERM CHAPTER 6 -RESPIRATION IN ORGANISMS (UPTO 6.4) AND ENTIRE SYLLABUS OF SECOND TERM</p> <p align="center">CHAPTER 6- RESPIRATION IN ORGANISMS (6.4 ONWARDS) CHAPTER 7- TRANSPORTATION IN ANIMALS AND PLANTS CHAPTER 8 -REPRODUCTION IN PLANTS</p>		

NAME OF THE SCHOOL	NAME OF THE TEACHER	SIGNATURE
BVM, ELAMAKKARA	TESSY S JOHN	<i>Tessy</i>
BAV, KAKKANAD	SHEEBA GEORGE	<i>Sheeba</i>
BVM, EROOR	KRISHNAPRIYA K	<i>K.k.priya</i>
BNV, VELLOOR	SONIAMOL T C	<i>Sonia</i>
BVM, GIRINAGAR	INDU P	<i>Indu</i>
BMV, TRIPUNITHURA	NANDINI SAGAR	<i>Nandu</i>
BVV, THRIKKAKARA	SREEKALA KRISHNADAS	<i>Sreekala</i>

BHARATIYA VIDYA BHAVAN ,KOCHI KENDRA

**ACTIVITIES FOR THE YEAR 2023-24
STD : VII - BIOLOGY**

MONTH	TOPIC	ACTIVITIES
JUNE	1. NUTRITION IN PLANTS	Group activity- Chart making(modes of nutrition). Ind. activity -Collection of variegated leaves Text Book Activity 1.1 Text Book Activity 1.2 Students observe pictures/specimens of roots nodules present in leguminous plants. Photosynthesis relay race - Play way method https://ellenjmchenry.com/photosynthesis-relay-race-game/
JULY	2. NUTRITION IN ANIMALS	Model of digestive system using edible materials/ecofriendly materials Make models of different types of teeth Activity - digestion of food in the stomach zip lock bag, biscuit, soda. https://www.giftofcuriosity.com/human-body-activity-how-the-stomach-digests-food/
AUGUST	2. NUTRITION IN ANIMALS (Continued)	Make a model of the process of nutrition in Amoeba using clay /ecofriendly materials.
SEPTEMBER	6. RESPIRATION IN ORGANISMS	Demonstrate an experiment to show the end products of anaerobic respiration in Yeast. 3D Virtual tour of lungs - https://youtu.be/P_DdfXUK3xs Puzzle - Arrange the actions associated with mechanism of breathing in the correct order. https://www.twinkl.co.in/resource/t3-sc-210-respiration-and-gas-exchange-can-you-guess-cards
OCTOBER	6. RESPIRATION IN ORGANISMS (Continued)	Text book Activity 6.6 - Effect of exhaled air on lime water . Model to show the mechanism of breathing - https://youtu.be/fybV8zIGyu8

NAME OF THE SCHOOL	NAME OF THE TEACHER	SIGNATURE
BVM, ELAMAKKARA	TESSY S JOHN	<i>Tessy</i>
BAV, KAKKANAD	SHEEBA GEORGE	<i>Sheeba</i>
BVM, EROOR	KRISHNAPRIYA K	<i>K.K. Priya</i>
BNV, VELLOOR	SONIAMOL T C	<i>Soni</i>
BVM, GIRINAGAR	INDU P	<i>Indu</i>
BMV, TRIPUNITHURA	NANDINI SAGAR	<i>Nani</i>
BVV, THRIKKAKARA	SREEKALA KRISHNADAS	<i>Sreekala</i>

BHARATIYA VIDYA BHAVAN ,KOCHI KENDRA

SCHEME OF WORK FOR THE YEAR 2023-24

CLASS	VII				
SUBJECT	BIOLOGY				
MONTH	JUNE				
TOPIC	1. NUTRITION IN PLANTS				
COMPETENCIES	Analyses the characteristics of living organisms based on the mode of nutrition.				
SUB-TOPIC	CONCEPTS	COMPETENCIES	LEARNING OUTCOMES	COGNITIVE LEVELS (as per Blooms Taxonomy)	ASSESSMENT FOR LEARNING
1.1 Mode of nutrition in plants	Autotrophic and heterotrophic mode of nutrition	C-3.2	differentiates autotrophic and heterotrophic mode of nutrition explains the type of nutrition in various organisms.	Understand -Recall and reproduction Analyse -Strategic thinking	Oral /quiz
1.2 Photosynthesis- food making process in plants	Photosynthesis - definition, raw materials needed for photosynthesis, stomata	C-3.4	draws labelled diagram of stomata explains the processes of photosynthesis writes word equation for photosynthesis	Apply - Skills and concepts Analyse -Strategic thinking Create - Extended thinking	Cross word / MCQ
1.3 Other modes of nutrition in plants 1.4 Saprotrophs	Parasitic, insectivorous, saprotrophic, symbiosis	C-3.2	classifies organisms based on the modes of nutrition Demonstrates simple experiment to show that fungus grows on moist warm places	Understand -Recall and reproduction Apply -skills and concepts	Chart work / role play
1.5 How nutrients are replenished in the soil	Nitrogen Fixation - role of Rhizobium bacteria	C-3.3	relates the role of Rhizobium in nitrogen fixation	Understand -Recall and reproduction	Oral /quiz

BHARATIYA VIDYA BHAVAN ,KOCHI KENDRA

SCHEME OF WORK FOR THE YEAR 2023-24

CLASS	VII				
SUBJECT	BIOLOGY				
MONTH	JULY				
TOPIC	2. NUTRITION IN ANIMALS				
COMPETENCIES	Analyses the similarities and differences associated with the process of nutrition				
SUB-TOPIC	CONCEPTS	COMPETENCIES	LEARNING OUTCOMES	COGNITIVE LEVELS (as per Blooms Taxonomy)	ASSESSMENT FOR LEARNING
2.1 Different ways of taking food	Various modes of feeding	C-3.2	Classifies animals based on their modes of feeding. Compares the feeding habits of different organisms	Understand -Recall and reproduction Analyse -Strategic thinking	Table 2.1 Various modes of feeding
2.2 Digestion in humans	Parts of alimentary canal , Human digestive system , Various processess of nutrion , Digestion of food in different parts of digestive tract	C-3.2	Explains the process & function of each part of the human digestive system. Illustrates the human digestive system with the help of a labelled diagram Summarises the functions of the human digestive system.	Understand -Recall and reproduction Apply - Skills and concepts Evaluate- Extended thinking	Cross word puzzle /diagram test Table 2.2 Types of teeth

BHARATIYA VIDYA BHAVAN ,KOCHI KENDRA					
SCHEME OF WORK FOR THE YEAR 2023-24					
VII					
BIOLOGY					
AUGUST					
2. NUTRITION IN ANIMALS (Continued)					
Analyses the similarities and differences associated with the process of nutrition					
SUB-TOPIC	CONCEPTS	COMPETENCIES	LEARNING OUTCOMES	COGNITIVE LEVELS (as per Blooms Taxonomy)	ASSESSMENT FOR LEARNING
2.3 Digestion in grass -eating animals 2.4 Feeding and digestion in Amoeba	Process of digestion in ruminants and Amoeba	C-3.2 ,C-3.3	Recalls that cows,buffaloes and other grass eating animals chews continuously even when they are not eating. Compares and contrast the features of digestive system of ruminants with those of unicellular organism(Amoeba) . Summarises how the cellulose gets digested in ruminants	Knowledge- Recall and reproduction Analyse -Strategic thinking Evaluate- Extended thinking	Oral /MCQ
MIDTERM EVALUATION -1 AUGUST (7 - 14) CHAPTER 1 . NUTRITION IN PLANTS Diagrams for assessment Fig 1.2 c) Stoma Fig 1.3 Diagram showing photosynthesis					

BHARATIYA VIDYA BHAVAN ,KOCHI KENDRA

SCHEME OF WORK FOR THE YEAR 2023-24

CLASS

SUBJECT

MONTH

TOPIC

VII

BIOLOGY

SEPTEMBER

6. RESPIRATION IN ORGANISMS

COMPETENCIES

Describes the structure and functions of the Human respiratory system and analyses the type of respiratory organs in various organisms

SUB-TOPIC	CONCEPTS	COMPETENCIES	LEARNING OUTCOMES	COGNITIVE LEVELS (as per Blooms Taxonomy)	ASSESSMENT FOR LEARNING
6.1 Why do we respire ?	Cellular respiration- Aerobic and anaerobic respiration	C-3.2	differentiates aerobic and anaerobic respiration demonstrates the process of respiration in yeast	Understand - Recall and reproduction Apply - Skills and concepts	Exit card /oral
6.2 Breathing 6.3 How do we breathe ?	Inhalation and exhalation Breathing rate Mechanism of breathing	C-3.2	Examines inhalation, exhalation and breathing rate in own body in order to analyse the effect of various activities on breathing rate.	Knowledge - Recall and reproduction Anayse - Strategic thinking	Puzzle activity

BHARATIYA VIDYA BHAVAN ,KOCHI KENDRA

SCHEME OF WORK FOR THE YEAR 2023-24

CLASS	VII				
SUBJECT	BIOLOGY				
MONTH	OCTOBER				
TOPIC	6. RESPIRATION IN ORGANISMS (Continued)				
COMPETENCIES	Describes the structure and functions of the Human respiratory system and analyses the type of respiratory organs in various organisms				
SUB-TOPIC	CONCEPTS	COMPETENCIES	LEARNING OUTCOMES	COGNITIVE LEVELS (as per Blooms Taxonomy)	ASSESSMENT FOR LEARNING
6.4 What do we breathe out ?	Percentage of oxygen and carbondioxide in inhaled and exhaled air	C-3.2	Demonstrates the effect of exhaled air on lime water. Compares the percentage of oxygen and carbon dioxide in inhaled and exhaled air.	Apply-Skills and concepts Analyse - Strategic thinking	Oral Model - to show the mechanism of breathing (fig - 6.7)
<p>TERM END EVALUATION -1 OCTOBER(3- 13) CHAPTER -1 NUTRITION IN PLANTS CHAPTER -2 NUTRITION IN ANIMALS CHAPTER 6 - RESPIRATION IN ORGANISMS UPTO 6.4 (6.4 NOT INCLUDED) Diagrams for assessment Fig 1.2 c) Stoma , Fig 1.3 Diagram showing photosynthesis Fig 2.2 - Human digestive system, Fig 2.10- Amoeba Fig 6.4-Human Respiratory system .</p>					

NAME OF THE SCHOOL	NAME OF THE TEACHER	SIGNATURE
BVM, ELAMAKKARA	TESSY S JOHN	<i>Tessy S John</i>
BAV, KAKKANAD	SHEEBA GEORGE	<i>Sheeba George</i>
BVM, EROOR	KRISHNAPRIYA K	<i>K.R. Priya</i>
BNV, VELLOOR	SONIAMOL T C	<i>Soniamol T C</i>
BVM, GIRINAGAR	INDU P	<i>Indu P</i>
BMV, TRIPUNITHURA	NANDINI SAGAR	<i>Nandini Sagar</i>
BVV, THRIKKAKARA	SREEKALA KRISHNADAS	<i>Sreekala Krishnadas</i>

YEAR PLAN FOR THE ACADEMIC YEAR 2023-24

STD: VII		SUBJECT SOCIAL SCIENCE	
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 the historians to collect informations about the past. Emergence of new religions.
	1. ON EQUALITY(C)	EQUALITY IN INDIAN DEMOCRACY, ISSUES OF EQUALITY IN OTHER DEMOCRACIES, CHALLENGES OF DEMOCRACY	Idea of equality and dignity 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			
AUGUST	4. GROWING UP AS BOYS AND GIRLS(C)	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 EQUALTY	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 COSTARICAN APPROACH.	Importance of good health. Difference between Private and Public health care. Health sector in Kerala and Costa Rica 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			
OCTOBER	3. HOW THE STATE GOVERNMENT WORKS(C)	WHOSE RESPONSIBILITY ? 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.
	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.

<p>NOVEMBER</p>	<p>4.THE MUGHALS(16th TO 17th CENTURY) (H)</p>	<p>WHO WERE THE MUGHALS, MUGHAL MILITARY CAMPAIGNS, MUGHAL TRADITIONS OF SUCCESSIONS, MUGHAL RELATIONS WITH OTHER RULERS, MANSABDARS AND JAGIRDARS, ZABT AND ZAMINDARS, THE MUGHAL EMPIRE IN THE SEVENTEENTH CENTURY AND AFTER</p>	<p>Political history of 16th and 17th centuries, existence of mansabdars, administration of Mughals, Mughal relation between regional kings</p>
	<p>5. WATER (G)</p>	<p>WATER CYCLE,DISTRIBUTION OF WATER BODIES , OCEAN CIRCULATION, WAVES, TIDES AND OCEANCURRENTS</p>	<p>Importance of water and water cycle, distribution of water bodies, role of water gfor human and plants, uses of tides</p>
	<p>5. WOMEN CHANGE THE WORLD(C)</p>	<p>FEWER OPPERTUNITIES AND RIGID EXPECTATIONS, LEARNING FOR CHANGE, SCHOOLING AND EDUCATION TODAY, WOMEN'S MOVEMENT, CAMPAIGNING</p>	<p>Gender is social construct and not determined by biological difference.</p>
<p>DECEMBER</p>	<p>. UNDERSTANDING MEDIA (C</p>	<p>MEDIA AND TECHNOLOGY, MEDIA AND MONEY, MEDIA AND DEMOCRACY, SETTING AGENDAS</p>	<p>Devolopment in technology,positive aspect and negative aspect of media, impact of media on people's lives and choices.</p>

MID TERM EVALUATION -2

	<p>5. TRIBES , NOMADS AND SETTLED COMMUNITIES(H)</p>	<p>BEYOND BIG CITIES:TRIBAL SOCIETIES, WHO WERE TRIBAL PEOPLE?HOW NOMADS AND MOBILE PEOPLE LIVED, CHANGING SOCIETIES,THE GONDS, THE AHOMS</p>	<p>The social and political developments of tribal societies,administrative systems of Gonds and Ahoms.</p>
	<p>6. DEVOTIONAL PATHS TO THE DIVINE (H)(ACTIVITY)</p>	<p>THE IDEA OF A SUPREME GOD, A NEW KIND OF BHAKTHI IN SOUTH INDIA-NAYANARS AND ALVARAS, PHILOSOPHY AND BHAKTHI, BASAVANNA'S VIRASHAIVISM, BHAKTHI MOVEMENT IN THE DECEAN, NATHPANTHIS, SIDDHAS AND YOGIS, ISLAM AND SUFISM, NEW RELIGIOUS DEVELOPMENTS IN NORTH INDIA, A CLOSER LOOK: KABIR , A CLOSER LOOK: BABA GURU NANAK</p>	<p>Emergence of new religious ideas, role of various saints in spreading Bhakti.</p>
<p>JANUARY</p>	<p>6. HUMAN ENVIRONMENT INTERACTIONS, THE TROPICAL AND THE SUB TROPICAL REGIONS(G)</p>	<p>LIFE IN THE AMAZON BASIN, CLIMATE , RAINFORESTS , PEOPLE OF THE RAINFORESTS, LIFE IN THE GANGA BRAHMAPUTRA BASIN</p>	<p>Location and the life of the people in Amazon basin, climatic condition of the Amazon,location of tropoical and sub tropical regions.</p>

	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 DESER 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 equ
	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.

BHARATIYA VIDYA BHAVAN ,KOCHI KENDRA**SCHEME OF WORK 2023-24****STD: VII SUBJECT: Computer Science**

MONTH	TOPIC	SUB-TOPICS	CONCEPTS
June	Inside Computer, Word processor – Designing cards and news letters	Processor, Primary Memory, Secondary Memory, Backup, I/O devices Format and Font work options , Inserting picture, Creating a invitation	Central Processing unit, RAM, Secondary storage,Backup, Input and output devices Planning Layouts- format, font work options,inserting images in a document
July	Inside Computer, Word processor – Designing cards and news letters	Connection ports, Power Supply, Mother Board, Monitor, BIOS Software and Booting, OS, Application Software Creating a Newsletter-Contents of a newsletter, formatting text /paragraph in column format, Inserting picture, Creating a Newsletter	Central Processing unit, RAM, Secondary storage,Backup, Input and output devices Planning Layouts and deciding articles for inclusion
August	Advanced Presentation: Digital storytelling	Planning multimedia presentation. Digital story Telling.3 stages of creating presentation-Plan, Execute, Impress Inserting pictures, sounds, video and audio, Different Slide views and printing slides.	Planning multimedia presentation, digital storytelling

September	Internet : Content Sharing	Exploring advanced email features- Exploring Email Settings option Do's and Don't's of Email, Uploading, Downloading, Organizing and sharing files via Websites, cloud computing	Email groups , File sharing, Security, Cloud Computing
October	Spreadsheet : Data Analysis	REVISION AND ASSESSMENT Data organizing and formating options in spreadsheet	Formating data in spreadsheet, interpret information
November	Spreadsheet : Data Analysis	Sorting given data, setting sort criteria, using functions in spreadsheet, Formulas , applying functions in spreadsheet	Arranging and interpreting data on various criteria, Applying built in functions for various tasks.
December	Charts Introduction to Foss	Drawing charts, applying different types of charts, Foss application and features of Foss	Types of charts, Exploring the different features of Foss
January	Basic Programming : Control and Repetition	Recollect input, variables, graphic functions in Basic, Repetition of block statements/ for statements,	Graphics, Loops
February	Basic Programming : Control and Repetition	Comparison operators , Decisions -if , if-else, array,image manipulation	Condition statements, loading an image
March		REVISION AND ASSESSMENT	

YEAR PLAN FOR THE ACADEMIC YEAR 2023-24

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.

JUNE	1.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

JULY	3.DATA HANDLING	REPRESENTATIVE VALUE	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	Trial and error method
		APPLICATION OF SIMPLE EQUATIONS TO PRACTICAL SITUATIONS	Solve equations by transposing method
	5.LINES AND ANGLES	RELATED ANGLES	Complementaryand supplementary angles
		PAIR 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
TERM END EXAMINATION I - CHAPTERS 1,2,3,4,5			

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

NOVEMBER	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
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)	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
	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		
	TERM END EXAMINATION II CHAPTERS 1, 4,6,7,8,9,10,11 *20% OF 80 MARKS FROM FIRST TERM [CHAPTER1 INTEGERS -8 MARKS AND CHAPTER 4 SIMPLE EQUATIONS -8 MARKS]		

BHAVAN'S MUNSHI VIDYASHRAM,THIRUVANKULAM- JAYASREE L
BHAVAN'S VARUNA VIDYALAYA THRIKKAKKARA- SMITHA K
BHAVAN'S VIDYA MANDIR,ELAMAKKARA - SUDHA P A
BHAVAN'S VIDYA MANDIR,EROOR- SAILAJA HARIDAS
BHAVAN'S VIDYA MANDIR,GIRINAGAR- SOUMYA MENON
BHAVAN'S ADARSHA VIDYALAYA ,KAKKANAD- DIVIN DAS
BHAVAN'S NEWSPRINT VIDYALAYA- SABITHA P G