



**Bharatiya Vidya
Bhavan's**

S. RAMAKRISHNAN MEMORIAL PUBLIC SCHOOL

AKAMALA



SYLLABUS BOOK

2026-27

CLASS X

SUBJECT:- ENGLISH LANGUAGE AND LITERATURE

TEXTBOOK: FIRST FLIGHT [TEXT BOOK]

FOOTPRINTS WITHOUT FEET [SUPPL. READER]

EXAM/MONTH	TOPIC	LEARNING OUTCOME The child will be able to
ASSESSMENT - I <u>Syllabus of Assessment I</u> First Flight: Unit 1, Unit 2 (poem)	FIRST FLIGHT: 1. A LETTER TO GOD DUST OF SNOW [POEM] FIRE AND ICE [POEM] 2. A TIGER IN THE ZOO [POEM]	Identify the importance of faith. Comprehend to write diary in simple English. Write their feelings in the form of short poems. Speaks confidently. Identify and appreciate significant literary elements - metaphor, imagery, symbol, simile, intention / point of view, rhyme scheme, etc Differentiate the dangers of deforestation and blessings of forestation.
ASSESSMENT - II <u>Syllabus of Assessment II</u> First Flight: Unit 1, Unit 2, Unit 3	FIRST FLIGHT: 2. NELSON MANDELA: LONG WALK TO FREEDOM 3. TWO STORIES ABOUT FLYING I – HIS FIRST FLIGHT II – BLACK AEROPLANE HOW TO TELL WILD ANIMALS [POEM] THE BALL POEM [POEM]	Identify the importance of freedom and its value. Write the story with appropriate fluency and language. Narrates in fluent language. Write paragraphs, narratives, etc. by planning revising, editing, rewriting and finalizing. Identify the features of wild animals. To cope with the problems of life especially the knowledge of loss.
ASSESSMENT - III	FOOTPRINTS WITHOUT FEET: 1. A TRIUMPH OF SURGERY 2. THE THIEF’S STORY 3. THE MIDNIGHT VISITOR	Sensitize that too much of anything can be dangerous. Value the importance of education Read detective stories and related information about secret agents.

<u>Syllabus of Assessment III</u> First Flight: Unit 4 Footprints Without Feet: 1,2,3	FIRST FLIGHT: 4. FROM THE DIARY OF ANNE FRANK AMANDA [POEM]	Write diary in simple language. Collect the holocaust victims' details. Identify the importance of individual opinions especially in child's view point.
ASSESSMENT - IV <u>Syllabus of Assessment IV</u> First Flight: Unit 4, Unit 5 Footprints Without Feet: 1,2,3,4	FIRST FLIGHT: 5. GLIMPSES OF INDIA I – A BAKER FROM GOA II – COORG III – TEA FROM ASSAM THE TREES [POEM] FOOTPRINTS WITHOUT FEET: 4. A QUESTION OF TRUST	Identify the details and writes appropriately. Identify the importance of culture and history related to the places given. Speak /write on variety of themes in order to demonstrate command over language. Communicate through letters. Identify that appearances can be deceptive.
ASSESSMENT - V <u>Syllabus of Assessment V</u> First Flight: Unit 6, Unit 7 Footprints Without Feet: 5,6,7	FIRST FLIGHT: 6. MIJBIL THE OTTER FOG [POEM] 7. MADAM RIDES THE BUS THE TALE OF CUSTARD THE DRAGON [POEM] FOOTPRINTS WITHOUT FEET: 5.FOOTPRINTS WITHOUT FEET 6. THE MAKING OF A SCIENTIST 7. THE NECKLACE	Develop the skill of writing in descriptive form. Identify the poetic devices used in the poem. Read a variety of texts- Eg adventurous stories. Speak /write on variety of themes in order to demonstrate command over language, reading and research skills, and critical thinking skills. Discriminate the good from the evil. Sensitize with perseverance, dedication, and hard work. Sensitize the value - satisfaction is the key to happiness.

ASSESSMENT - VI <u>Syllabus of Assessment VI</u> First Flight: Unit 6, Unit 7, Unit 8, Unit 9. Footprints Without Feet: 5,6,7,8,9	FIRST FLIGHT: 8. THE SERMON AT BENARES FOR ANNE GREGORY [POEM] 9.THE PROPOSAL FOOTPRINTS WITHOUT FEET: 8. BHOLI 9.THE BOOK THAT SAVED THE EARTH	Sensitize the fact that death is the ultimate truth in the world. Identify and appreciate significant literary elements - metaphor, imagery, symbol, simile, intention / point of view, rhyme scheme, etc Write scripts and participate in role play, skit, street plays, child labour and promotion of literacy etc Identify dowry is a social abuse and any disabled should not be made fun of etc. Identify the value of half-fed knowledge is always dangerous.
ASSESSMENT - VII (50% of Syllabus)	FIRST FLIGHT: Unit 1,2,3,4 FOOTPRINTS WITHOUT FEET: Chapter 1,2,3,4,5	
ASSESSMENT –VIII (50% of Syllabus)	FIRST FLIGHT: Unit 5,6,7,8,9 FOOTPRINTS WITHOUT FEET: Chapter 6,7,8,9	
Model Examination I Model Examination II Model Examination III 100% Syllabus will be there for Board Exam	(100% Syllabus) (100% Syllabus) (100% Syllabus)	

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കേരള പാഠാവലി, അടിസ്ഥാനപാഠാവലി

EXAM/MONTH	TOPIC	LEARNING OUTCOME
ASSESSMENT -I SYLLABUS OF ASSESSMENT-I പാഠം:1 ASSESSMENT -II SYLLABUS OF ASSESSMENT - II പാഠം:1,2 ASSESSMENT-III SYLLABUS OF ASSESSMENT -III പാഠം:3,4	1. കഥകളതിമോഹനം 2. മണ്ണും മനുഷ്യനും 3. മാതൃഭാഷ: നമ്മുടെ ഉള്ളിൽ ഒഴുകുന്ന ജീവനദി 4. മുരിങ്ങാമരത്തോപ്പ്	മലയാളഭാഷയുടെ പിതാവായ എഴുത്തച്ഛന്റെ കൃതികളെയും കിളിപ്പാട്ട് പ്രസ്ഥാനത്തെയും മനസ്സിലാക്കി കുട്ടികൾ ഉപന്യാസം തയ്യാറാക്കുന്നു പ്രകൃതിയെ സംരക്ഷിക്കേണ്ടത് നമ്മുടെ ചുമതലയാണെന്ന് മനസ്സിലാക്കി കുട്ടികൾ താരതമ്യപ്പെടുത്തി തയ്യാറാക്കുന്നു മാതൃഭാഷയുടെ പ്രാധാന്യം തിരിച്ചറിഞ്ഞ് കുട്ടികൾ പ്രതികരണപ്പെടുത്തി തയ്യാറാക്കുന്നു ആത്മസംഘർഷങ്ങളുടെ കഥാകാരനായ ഉണ്ണികൃഷ്ണൻ പുതുരിന്റെ രചനാലോകം മനസ്സിലാക്കി കുട്ടികൾ ആസ്വാദനപ്പെടുത്തി തയ്യാറാക്കുന്നു
ASSESSMENT-IV SYLLABUS OF ASSESSMENT -IV പാഠം :3,4,5, 6	5. ബത്തേരിക്കടുത്ത് മലങ്കരയിൽ 6. ചരിത്രം രചിച്ച നാടകം	ജൈവ നദീതീരങ്ങളിൽ ഉടലെടുത്ത ഡിജിറ്റൽ ഗ്രാമങ്ങളുടെ പോരായ്മകൾ മനസ്സിലാക്കി കുട്ടികൾ വിമർശനം കുറിപ്പ് തയ്യാറാക്കുന്നു സാമൂഹിക നവോത്ഥാനങ്ങൾ നമ്മുടെ സമൂഹത്തിൽ വരുത്തിയ മാറ്റങ്ങൾ തിരിച്ചറിഞ്ഞ് ആൽബം കുട്ടികൾ തയ്യാറാക്കുന്നു
ASSESSMENT-V	7. പ്രയാണം	പ്രാചീന മനുഷ്യൻ തുടങ്ങി ആധുനിക മനുഷ്യൻ വരെയുള്ള കാലഘട്ടങ്ങളിൽ മനുഷ്യൻ നേടിയെടുത്ത മുന്നേറ്റങ്ങളുടെ കഥകൾ മനസ്സിലാക്കി കുട്ടികൾ ചർച്ച നടത്തുന്നു

SYLLABUS OF ASSESSMENT V പാഠം: 7,8	8. വിജ്ഞാനഭാഷയും വൈജ്ഞാനികസമൂഹവും	മാതൃഭാഷയുടെ പ്രാധാന്യം തിരിച്ചറിഞ്ഞ് വിലയിരുത്തൽ കുറിപ്പ് കുട്ടികൾ തയ്യാറാക്കുന്നു
ASSESSMENT-VI SYLLABUS OF ASSESSMENT-VI പാഠം: 7,8,9,10	9. വിഷുക്കണി 10. എന്റെ ഭാഷ	അറിവില്ലായ്മയുടെ അന്ധതയിൽ നിന്ന് കരകയറാൻ അക്ഷരം സഹായിക്കുമെന്ന് തിരിച്ചറിഞ്ഞ് കുട്ടികൾ ആസ്വാദനക്കുറിപ്പ് തയ്യാറാക്കുന്നു മാതൃഭാഷയുടെ പ്രാധാന്യവും പ്രസക്തിയും തിരിച്ചറിഞ്ഞ് നിരീക്ഷണക്കുറിപ്പ് കുട്ടികൾ തയ്യാറാക്കുന്നു
ASSESSMENT-VII	SYLLABUS OF ASSESSMENT-VII പാഠം :1,2,3,4,5	
ASSESSMENT-VIII	SYLLABUS OF ASSESSMENT-VIII പാഠം :6,7,8,9,10	
MODEL EXAMINATION -I	(100% SYLLABUS)	
MODEL EXAMINATION -II	(100% SYLLABUS)	
MODEL EXAMINATION -III	(100% SYLLABUS)	
BOARD EXAMINATION	(100% SYLLABUS)	

CLASS -X
SANSKRIT

TEXT BOOK- NCERT SEMUSHI PART II

EXAM/MONTH	TOPIC	LEARNING OUTCOME
ASSESSMENT- I	1.शुचिपर्यावरणम् व्याकरणम् – सन्धि , समयः	● प्रकृतिवर्णना अवगच्छन्ति ● श्लोकार्थस्य अवगमनं करोति ● भाषणलेखनकौशलम्
ASSESSMENT-2	2.बुद्धिर्बलवती सदा व्याकरणम् – सन्धि , समयः	● अनुवादक्षमता वृद्धिः ● कथालेखनस्य अभ्यासः करोति ● छात्राः स्वभाषया कथां प्रस्तोष्यन्ति
ASSESSMENT-3 Lesson 3, 4 &5	3.शिशुलालनं चित्रवर्णनम्	● कविविषये ज्ञानं आप्नोति ● पौराणिक कार्याणि व्यवहारं करोति ● नाट्यस्य अवतरणं करोति
	4.जननी तुल्यवत्सला व्याकरणम् – समासाः, पत्रलेखनं	● पौराणिककथानां जीवने उपादेयता ● मातुः हृदयस्य परिचयः ● सर्वान् प्रति सम्मानं
	5. सुभाषितानि पत्रलेखनं	● नैतिकमूल्यानि जीवने अङ्गीकुर्वन्ति ● पद्यवाबोधे समर्थाः भवन्ति
ASSESSMENT-4 Lesson 3,4 , 5 &6	6. सुहार्दं प्रकृतेः शोभा व्याकरणम्- वाच्यम्	● नाट्यस्य अवतरणं करोति ● सामाजिक विषये इतोऽपि अवगच्छन्ति ● संवादः करोति ● प्रकृते महत्त्वं प्रति अनुच्छेद लेखनं
ASSESSMENT-5 Lesson 7&8	8.सूक्तयः अनुवादः	● नैतिकमूल्यानि जीवने अङ्गीकुर्वन्ति ● पद्यवाबोधे समर्थाः भवन्ति अन्वयस्य विवरणम्

	7.विचित्रः साक्षी	● कथाप्रस्तुतिकरणं ● न्यायविषये संवादं करोति ● कथाकौशललेखनं
ASSESSMENT-6 Lesson 7,8 &10	10.अन्योक्तयः	● नैतिकमूल्यानि जीवने अङ्गीकुर्वन्ति ● पद्यवाबोधे समर्थाः भवन्ति ● अन्वयस्य विवरणम्
ASSESSMENT-7	Lessons 1,2,3,4&5 व्याकरणम् पूर्ण	
ASSESSMENT-8	Lessons 6,7,8&10 व्याकरणम् पूर्ण	
MODEL 1	All portions	
MODEL 2	All portions	
MODEL 3	All portions	
SYLLABUS OF BOARD EXAM	Lessons 1,2,3,4,5,6,7,8&10 व्याकरणम्- पूर्ण	

HINDI

TEXTBOOK: NCERT - स्पर्श, संचयन, आधुनिक हिंदी व्याकरण तथा रचना

EXAM/MONTH	CHAPTERS/TOPIC	LEARNING OUTCOME
ASSESSMENT -I SYLLABUS OF ASSESSMENT 1 पाठ-1 स्पर्श(पद्य)	स्पर्श (पद्य) 1. साखी (कबीर)	छात्र साखी के माध्यम से मनुष्य के प्रति प्रेम, ईश्वर के प्रति भक्ति , वाणी में मिठास , अन्य तात्विक ज्ञान आदि को समझने में छात्र सक्षम होंगे।
ASSESSMENT -2 SYLLABUS OF ASSESSMENT2 ASSESSMENT 1+ ASSESSMENT 2	2. पद (मीरा)	मीरा के पदों में निहित कृष्ण भक्ति , समर्पण और प्रेम भावना को समझने में छात्र सक्षम होंगे।
ASSESSMENT -3 SYLLABUS OF ASSESSMENT 3 पाठ 1,2 स्पर्श (गद्य) + पाठ 3 स्पर्श (पद्य) + पाठ 1 (संचयन)	स्पर्श (गद्य) 1. बड़े भाई साहब 2. डायरी का एक पन्ना स्पर्श [पद्य] 3. मनुष्यता संचयन 1. हरिहर काका	रटकर पढ़ाई और समझकर पढ़ाई के अंतर पर विचार करने पर छात्र सक्षम होंगे। देशप्रेम,साहस, त्याग और कर्तव्यनिष्ठा जैसे मूल्यों को समझने में छात्र सक्षम होंगे। परोपकार, सेवा, त्याग और सहानुभूति जैसे मूल्यों को अपने जीवन में अपनाने में छात्र सक्षम होंगे। कहानी के माध्यम से वयोवृद्ध के प्रति कर्तव्य तथा समाज में रिश्तों की अहमियत बताने में छात्र सक्षम होंगे।
ASSESSMENT -4	स्पर्श [पद्य] 4. पर्वत प्रदेश में पावस	वर्षा ऋतु में पर्वतीय प्रदेश के सौन्दर्य और प्रतिफल परिवर्तित होते वातावरण को आत्मासात करने में सक्षम होंगे।

SYLLABUS OF ASSESSMENT 4 ASSESSMENT3+ ASSESSMENT4	5. तोप स्पर्श (गद्य) 3. ततौरा वामीरो कथा व्याकरण पदबंध रचना के आधार पर वाक्य रूपांतरण मुहावरे	कविता के माध्यम से प्रमुख सत्ता, दमन और हिंसा के प्रतीकों को पहचानने में सक्षम होंगे। छात्र अंडमान-निकोबार द्वीप समूह की लोककथा के तत्वों, जैसे परंपरा, मान्यताएँ और जीवनशैली को समझने में सक्षम होंगे। छात्रों को संज्ञा, सर्वनाम, क्रिया, विशेषण और क्रिया विशेषण का पर्याप्त अध्ययन करना है ताकि आसानी से पदबंध उनके समझ में आ जाए। छात्रों को वाक्य का रूपांतरण करने से पहले वाक्य के भेदों को समझने का प्रयास करना चाहिए जिससे वे स्पष्ट व उचित रूप से वाक्य का रूपांतर कर सके। छात्र अधिक से अधिक मुहावरों का ज्ञान प्राप्त करते हैं।
ASSESSMENT -5	स्पर्श (गद्य) 4. तीसरी कसम के शिल्पकार शैलेंद्र 5. अब कहाँ दूसरों के दुःख से दुखी होने वाले स्पर्श (पद्य) 6. कर चले हम फिदा	साहित्यिक रचना, और फिल्म निर्माण के बीच संबंध को जानने में छात्र सक्षम होंगे। दूसरों के दुख-दर्द के प्रति संवेदनशील बनने की प्रेरणा प्राप्त करेंगे तथा सहानुभूति और करुणा जैसे मूल्यों का महत्व समझने में छात्र सक्षम होंगे। देशभक्ति की भावना को समझने और सैनिकों के बलिदान के महत्व को समझने में छात्र सक्षम होंगे।

SYLLABUS OF ASSESSMENT 5 पाठ 4,5 स्पर्श (गद्य) + पाठ 6 स्पर्श (पद्य)+ पाठ 2 संचयन + व्याकरण	संचयन 2. सपनों के से दिन व्याकरण समास अनुच्छेद लेखन सूचना लेखन औपचारिक पत्र	अपने अनुभवों और विचारों को मौखिक तथा लिखित रूप में व्यक्त करने में छात्र सक्षम होंगे। छात्र समास के सभी भेदों का पर्याप्त अध्ययन करते हैं। अनुच्छेद लिखने के बाद छात्र को अनुच्छेद दोबारा पढ़ता है जिससे वर्तनीय तथा भाषागत त्रुटियों को दूर किया जा सके। सूचना में केवल निर्देशानुसार जानकारी ही देते रहे, अनावश्यक बातों को नहीं लिखते। छात्र पत्र के विषय को गहराई से समझकर पत्र लिखने का अभ्यास निरंतर करते हैं।
ASSESSMENT 6	स्पर्श (गद्य) 6. पतझड़ में टूटी पत्तियाँ 7. कारतूस	‘गिन्नी का सोना’ प्रसंग के माध्यम से चरित्र और व्यक्तित्व के अंतर को समझ पाएँगे, तथा यह पहचान सकेंगे कि सच्चा आदर्शवाद जीवन में अधिक स्थायी और प्रभावी होता है। ‘झेन की देन’ प्रसंग के माध्यम से मानसिक शांति, ध्यान और संतुलित जीवन शैली के महत्व को समझने में छात्र सक्षम होंगे। देशभक्ति और कर्तव्यनिष्ठा के भाव को समझ पाएँगे, विशेषकर सैनिक जीवन के संदर्भ में। मानवीय मूल्यों (जिम्मेदारी, निष्ठा, साहस) को अपनाने में छात्र सक्षम होंगे।

SYLLABUS OF ASSESSMENT 6 ASSESSMENT 5 + ASSESSMENT 6	स्पर्श (पद्य) 7. आत्मत्राण संचयन 3.टोपी शुकला व्याकरण विज्ञापन लेखन लघुकथा लेखन ई मेल-लेखन	कविता के भावार्थ को समझ सकेंगे और यह जान पाएँगे कि सच्ची सुरक्षा (आत्मत्राण) बाहरी साधनों से नहीं, बल्कि आत्मबल और आत्मविश्वास से प्राप्त होती है, यह समझने में छात्र सक्षम होंगे। मानवता, मित्रता और समानता के मूल्यों का महत्व समझकर जीवन में इन्हें अपनाने में छात्र सक्षम होंगे। छात्रों का विज्ञापन लिखते समय विषय को भली-भाँति समझकर अपनी कल्पना शक्ति का प्रयोग करते हैं। कथा-लेखन करने से पहले मन में उसके विषय में कल्पना करते हैं। छात्र दी गई रूपरेखा या संकेत बिंदुओं का अच्छी तरह अध्ययन करते रहे।
SYLLABUS OF ASSESSMENT 7	पाठ 1,2,3,4 स्पर्श(पद्य) पाठ 1,2,3 स्पर्श(गद्य) पाठ 1 (संचयन)	
SYLLABUS OF ASSESSMENT 8	पाठ 5,6,7 स्पर्श (पद्य) पाठ 4,5,6,7 स्पर्श (गद्य) पाठ 2,3 (संचयन)	
MODEL EXAMINATION I	100% SYLLABUS	
MODEL EXAMINATION II	100% SYLLABUS	
MODEL EXAMINATION III	100% SYLLABUS	
BOARD EXAMINATION	100% SYLLABUS	

SUBJECT :- MATHEMATICS**TEXTBOOK: NCERT -****CLASS :X**

EXAM/MONTH	CHAPTERS/TOPIC	LEARNING OUTCOME
SYLLABUS OF ASSESSMENT –1 CHAPTER: 8	CH. 8 INTRODUCTION TO TRIGONOMETRY	Student determines all trigonometric ratios with respect to a given acute angle of a right triangle.
SYLLABUS OF ASSESSMENT –2 CHAPTERS: 8, 9&14	CH.9 SOME APPLICATIONS OF TRIGONOMETRY CH. 14 PROBABILITY	Determines all trigonometric ratios with respect to a given acute angle (of a right triangle) in order to use them in solving problems in daily life contexts like finding heights of different structures or distances from them Calculates in order to determine the probability of a given event
SYLLABUS OF ASSESSMENT -3 CHAPTERS :1,2,3, 8,	CH. 2 POLYNOMIALS CH 1. REAL NUMBERS CH. 3 PAIRS OF LINEAR EQUATIONS IN TWO VARIABLES	Uses algebraic and graphical method of finding zeroes of a polynomial in order to establish a relationship between them. Generalizes properties of numbers and relations among them studied earlier, to evolve results, such as, fundamental theorem of arithmetic in order to apply them to solve problems related to real life contexts Uses graphical and other methods in order to find solutions of pairs of linear equations in two variables.
SYLLABUS OF ASSESSMENT -4 CHAPTERS: 3,4&5	CH. 4 QUADRATIC EQUATIONS CH. 5 ARITHMETIC PROGRESSION CH. 11 AREAS RELATED TO CIRCLES	Demonstrates knowledge of application of various strategies in order to find roots and determine the nature of roots of a given equation Develops strategies in order to apply the concept of AP to daily life situations Calculate the area of sector and segment and various combinations of plane figures in order to apply the concepts of circles, quadrilaterals

SYLLABUS OF ASSESSMENT-5 CHAPTERS:7,10 &11	CH. 10 CIRCLES	and triangle. The student understand about tangent and it's properties
	CH. 7 COORDINATE GEOMETRY	Derives formulae to establish relations for geometrical shapes in the context of a coordinate plane, such as finding the distance between two given points.
	CH. 13 STATISTICS	The student calculates mean, median and mode for different sets of data related with real life contexts.
SYLLABUS OF ASSESSMENT -6 CHAPTERS – 6.12,13	CH. 12 SURFACE AREA AND VOLUME	The student visualizes objects in surrounding as a combination of different solids like cylinder and a cone, cylinder and a hemisphere, combination of different cubes, etc.in order to find their surface areas and volume
	CH. 6 TRIANGLES	Uses different geometric criteria established earlier such as basic proportionality theorem etc. in order to establish properties for similarity of two triangles
SYLLABUS OF ASSESSMENT-7	CHAPTERS – 1,2,3,4,5,6,7,8	
SYLLABUS OF ASSESSMENT-8	CHAPTERS-,9,10,11.12,13 and 14	
MODEL EXAMINATION 1	100% SYLLABUS	
MODEL EXAMINATION 2	100% SYLLABUS	
MODEL EXAMINATION 3	100% SYLLABUS	
ANNUAL EXAMINATION	100% SYLLABUS	

SUBJECT: -SCIENCE

TEXTBOOK: NCERT- SCIENCE TEXTBOOK FOR CLASS X

EXAM/MONTH	CHAPTERS/TOPIC	LEARNING OUTCOME
ASSESSMENT-I <u>SYLLABUS OF ASSESSMENT -I</u> CHAPTERS-4 (Upto 4.2.4), 5 (5.1, 5.2, 5.3), 11 (Page no: 171 -187)	5. LIFE PROCESSES Nutrition, Respiration	Student will be able to: Explain processes, such as nutrition in human beings and plants, respiration in human beings and plants. Draw labelled diagrams of digestive and respiratory systems
	4.CARBON AND ITS COMPOUNDS Versatile nature of carbon. Homologous series. Nomenclature of Carbon compounds ,Alkanes, Alkenes and alkynes	Plan and conduct investigations / experiments to arrive at and verify the facts, principles, phenomena or to seek answers to queries on their own.
	11.ELECTRICITY- Ohm's Law, Resistor combination-series and parallel.	Plot a graph between voltage and current, to prove ohm's law & find Resistance
ASSESSMENT-II <u>SYLLABUS OF ASSESSMENT -II</u> CHAPTERS-4 (Upto 4.4) , 5 , 11	5. LIFE PROCESSES Nutrition, Respiration, Transportation, Excretion	Explain processes, such as nutrition in human beings and plants, respiration in human beings and plants transportation in human beings and plants, excretion in plants and animals Draw labelled diagrams of digestive, respiratory, circulatory and excretory systems
	4.CARBON AND ITS COMPOUNDS Versatile nature of carbon. Homologous series. Nomenclature of Carbon compounds Chemical properties of carbon compound	Plan and conduct investigations / experiments to arrive at and verify the facts, principles, phenomena or to seek answers to queries on their own. Explain the chemical properties of ethanol & ethanoic acid
	11.ELECTRICITY- Ohm's Law, Resistor combination-series and parallel. Heating effect, electric power	Plot a graph between voltage and current, to prove ohm's law & find Resistance Explain and calculate the heating effect of electric current, to learn working of appliances like heater, electric iron and fuse

ASSESSMENT-III <u>SYLLABUS OF ASSESSMENT -III</u> CHAPTERS-4,6,12	6. CONTROL AND COORDINATION Nervous system Endocrine system Plant movements Plant hormones	Illustrate the location and functions of different parts of human brain, in order to understand working of human brain Relate processes and phenomena with causes / effects, such as hormones with their functions. Examine tropic movements in plants, in order to understand how plants respond to environmental triggers like light, gravity, water
	4. CARBON AND ITS COMPOUNDS Versatile nature of carbon. Homologous series. Nomenclature of Carbon compounds Chemical properties of carbon compound, Soap and Detergents	Plan and conduct investigations / experiments to arrive at and verify the facts, principles, phenomena or to seek answers to queries on their own. Explain the chemical properties of ethanol & ethanoic acid. Structure of soap, cleansing action, difference between soap and detergent.
	12. MAGNETIC EFFECTS OF ELECTRIC CURRENT. Magnetic pattern around a bar magnet and current carrying conductors, force on a current carrying conductor, Domestic electric Circuits	Draw magnetic field lines for a current carrying circular loop, in order to identify the magnetic field strength at different points around it Analyse the significance of neutral, earth and live wire, to understand formation of domestic electrical circuit.
ASSESSMENT-IV <u>SYLLABUS OF ASSESSMENT -IV</u> CHAPTERS-1 ,6, 7,9 (Page no: 134 - 145),12 and MAGNETIC EFFECTS OF ELECTRIC CURRENT (Reading material)	1. CHEMICAL REACTIONS & EQUATIONS Types of chemical reactions	Differentiate between various types of reactions. Use scientific conventions to represent units of various quantities / symbols / formulae / equations, such as balanced chemical equation by using symbols and physical states of substances. Calculate using the data given, such as number of atoms in reactants and products to balance a chemical equation.
	7. HOW DO ORGANISMS REPRODUCE? Asexual reproduction Sexual reproduction	Draw labelled diagrams of human reproductive systems Apply scientific concepts in daily life and solving problems, such as uses vegetative propagation to develop saplings in gardening
	MAGNETIC EFFECTS OF ELECTRIC CURRENT (Reading Material) Electric motor, Fleming's Left-	Explains electromagnetic principles Applies concepts in real-life devices. Explains the working of electric motor and generator. Constructs a model of

	hand Rule, Electromagnetic induction, Fleming's Right-hand Rule, Electric generator	motor and generator.
ASSESSMENT-V <u>SYLLABUS OF ASSESSMENT V</u> CHAPTERS- 2,8,9 and Heredity and Evolution (Reading material)	2.ACIDS.BASES AND SALTS General properties, examples and uses, neutralization, concept of pH scale, importance of pH, preparation and uses of some salts	Differentiate materials strong and weak acids and bases, acidic, basic and neutral salts. Classifies acids and bases on the basis of their chemical properties
	8. HEREDITY Heredity and variation. Mendel's experiments Sex determination	Draw conclusion, such as traits/features are inherited through genes present on chromosomes Take initiative to know about scientific discoveries/inventions, such as Mendel's contribution in understanding the concept of Inheritance.
	HEREDITY AND EVOLUTION (Reading Material) Evolution, Acquired vs inherited traits, Homologous & analogous organs, Fossils and their importance, Human evolution	Explain basic inheritance patterns using Mendel's laws. Differentiate between inherited and acquired traits with examples. Explain the process of speciation and factors affecting it. Distinguish between homologous and analogous organs. Interpret evidence of evolution using fossils and common ancestry.
	9.LIGHT- REFLECTION AND REFRACTION Reflection of light through spherical mirrors. Refraction through spherical lenses, power of a lens	Plan and conduct investigations / experiments to arrive at and verify the facts, principles, phenomena or to seek answers to laws of reflection and refraction of light Construct ray diagrams to represent the path of incident & reflected light rays from a spherical mirrors and lenses in order decipher the position and nature of image formed.
ASSESSMENT-VI <u>SYLLABUS OF ASSESSMENT -VI</u> CHAPTERS- 2,3,8,9, 10 ,13 And Periodic classification of elements (Reading Material)	3.METALS AND NONMETALS Properties of metals and non-metals; Reactivity series	Classify materials such as metals and non-metals on the basis of their physical and chemical properties
	PERIODIC CLASSIFICATION OF ELEMENTS (Reading Material) Mendeleev's Periodic Table, Modern Periodic Table, Periodic trends	Classifies elements systematically Predicts properties using trends

	10. HUMAN EYE AND COLOURFUL WORLD- Working of human eye, common defects of vision. Atmospheric refraction	Describe the structure of an eye and functions of various parts that help humans to see. Provide scientific explanation for Twinkling of stars, advanced sunrise and Delayed sunset
	13.OUR ENVIRONMENT Ecosystem Food chain and food web.	Make efforts to conserve environment realizing the inter-dependency and interrelationship in the biotic and abiotic factors of environment
ASSESSMENT-VII	CHAPTERS- 1,4,5,6,11,12	
ASSESSMENT-VIII	CHAPTERS-2,3,7,8,9,10,13	
Model Examination-1	100% syllabus	
Model Examination-2	100% syllabus	
Model Examination-3	100% syllabus	
Board Examination	100% syllabus	

CLASS X**SUBJECT: SOCIAL SCIENCE****TEXTBOOK: NCERT SOCIAL SCIENCE TEXTBOOK**

EXAM	TOPIC	LEARNING OUTCOME
ASSESSMENT – I SYLLABUS OF ASSESSMENT – I GEOGRAPHY CHAPTER – 1 POLITICAL SCIENCE CHAPTER - 1	GEOGRAPHY CHAPTER – 1: RESOURCES AND DEVELOPMENT POLITICAL SCIENCE CHAPTER – 1: POWER SHARING	1. Recognize the value of resources and the need for their judicious utilization and conservation. 1. Analyse the importance of power sharing in democracy.
ASSESSMENT – II SYLLABUS OF ASSESSMENT – II HISTORY CHAPTER – 1 ECONOMICS CHAPTER -1 & 2	HISTORY CHAPTER – 1: THE RISE OF NATIONALISM IN EUROPE ECONOMICS CHAPTER -1: DEVELOPMENT CHAPTER -2: SECTORS OF INDIAN ECONOMY	1. Examine given information, in order to analyse and evaluate it. 1. Examine and evaluates collected/ given information in order to construct views/ arguments/ ideas on its basis. 2. Extrapolate in order to predicts events and phenomena
ASSESSMENT – III SYLLABUS OF ASSESSMENT – III GEOGRAPHY CHAPTER – 2 & 3 POLITICAL SCIENCE CHAPTER -2 & 3	GEOGRAPHY CHAPTER – 2: FOREST & WILDLIFE RESOURCES CHAPTER-3: WATER RESOURCES POLITICAL SCIENCE CHAPTER -2: FEDERALISM CHAPTER -3: GENDER RELIGION AND CASTE	2. Examine phenomena, events and their occurrence in order to explain cause and effect relationship between them. 3. Analyse sources, distribution, multipurpose projects on water resources. 2. Examine and evaluates events, facts, data and figures in order to classify and compare them. 3. Examine and evaluate the given known or unknown given texts/ political analysis etc. in order to identify assumptions/prejudice/ stereotype.

ASSESSMENT – IV SYLLABUS OF ASSESSMENT – IV HISTORY CHAPTER -1, 2 & 4 ECONOMICS CHAPTER -2&3	HISTORY CHAPTER -2: NATIONALISM IN INDIA CHAPTER-4: THE AGE OF INDUSTRIALISATION ECONOMICS CHAPTER -3: MONEY & CREDIT	2. Examine and evaluate events, facts, data and figures in order to classify and compare them. 4. Describe the growth of factories and the making of new labour force. 3. Examine and evaluate collected/ give information in order to construct views/ arguments/ ideas on its basis.
ASSESSMENT – V SYLLABUS OF ASSESSMENT – V GEOGRAPHY CHAPTER -4, 5, 6 & 7 POLITICAL SCIENCE CHAPTER -4 & 5	GEOGRAPHY CHAPTER -4: AGRICULTURE CHAPTER -5: MINERALS & ENERGY RESOURCES CHAPTER – 6: MANUFACTURING INDUSTRIES CHAPTER -7: LIFELINES OF NATIONAL ECONOMY (MAP ONLY) POLITICAL SCIENCE CHAPTER -4: POLITICAL PARTIES	4. Examine phenomena, events and their occurrence in order to explain cause and effect relationship between them. 5. Classify/ distinguish in order to demonstrate skills of recognizing and retrieving facts, figures and narrating processes. 6. Examine and evaluate given text/ visual, both known and unknown, such as maps/ symbols/ bar diagram etc 7. Enhance the creativity by writing the views on the importance of transport and communication in India and their contribution in the economy. 4. Examine given information, in order to analyse and evaluate it.

	CHAPTER – 5: OUTCOMES OF DEMOCRACY	5. Examine phenomena, events and their occurrence in order to explain cause and effect relationship between them.
ASSESSMENT – VI SYLLABUS OF ASSESSMENT – VI HISTORY CHAPTER -2, 3 & 5 ECONOMICS CHAPTER -1, 3 & 4	HISTORY CHAPTER -3: THE MAKING OF A GLOBAL WORLD CHAPTER -5: PRINT CULTURE & THE MODERN WORLD ECONOMICS CHAPTER -4: GLOBALISATION & THE INDIAN ECONOMY CHAPTER -5: CONSUMER RIGHTS (PROJECT WORK ONLY)	3. Examine phenomena, events and their occurrence in order to explain cause and effect relationship between them. 5. Examine phenomena, events and their occurrence in order to explain cause and effect relationship between them. 4. Examine and evaluates collected/ given information in order to construct views/ arguments/ ideas on its basis. 5. Evaluate and presents the best options with reasoning in order to illustrate decision making/ problem solving skills
ASSESSMENT – VII	GEOGRAPHY CHAPTERS – 1 TO 7 POLITICAL SCIENCE CHAPTERS – 1 TO 5	
ASSESSMENT – VIII	HISTORY CHAPTERS – 1, 2, 3 & 5 ECONOMICS CHAPTERS – 1 TO 4	
MODEL EXAMINATION -I	100% SYLLABUS	
MODEL EXAMINATION -II	100% SYLLABUS	
MODEL EXAMINATION - III	100% SYLLABUS	
BOARD EXAMINATION	100% SYLLABUS	

CLASS X
SUBJECT :-ARTIFICIAL INTELLIGENCE
TEXTBOOK-CBSE HANDBOOK

EXAM / MONTH	TOPIC	LEARNING OUTCOME
SYLLABUS OF ASSESMENT – I PART B CHAPTER 1	PART – B : 1.REVISITING AI PROJECT CYCLE & ETHICAL FRAMEWORKS OF AI	Describes the importance of communication skill in daily life.
ASSESSMENT II SYLLABUS OF ASSESMENT – II PART B CHAPTER 1& 3	3. EVALUATING MODELS Role of evaluation in the development and implementation of AI systems, Accuracy and Error for effectively evaluating and improving AI models	Learn about the different types of evaluation techniques in AI, such as Accuracy, Precision, Recall and F1 Score, and their significance.
ASSESSMENT III SYLLABUS OF ASSESMENT - III PART A-CHAPTER 2 PART B-CHAPTER 2	PART A 2. SELF MANAGEMENT SKILL PART – B : 2. ADVANCED CONCEPTS OF MODELLING IN AI Supervised, unsupervised and reinforcement learning based approaches. Neural Networks. ADVANCE PYTHON (FOR PRACTICALS ONLY)	Explains how to improve self-management skills to become successful. Define the concept of Rule based modelling and Learning based modelling. Learns Neural Networks Develops programming skills.
ASSESMENT – IV SYLLABUS OF ASSESMENT – IV ASSESSMENT III & IV PORTIONS	PART – A : 3. BASIC ICT SKILL 4.ENTREPRENEURIAL SKILLS	Explains the importance of technology in daily life. Identifies the importance of Entrepreneurship in life.

ASSESSMENT V		
SYLLABUS OF ASSESSMENT – V PART B-CHAPTER 4 & 5	PART – B : 4.STATISTICAL DATA Concept of Statistical Data and its applications in various fields. No-Code and LowCode AI. 5.COMPUTER VISION basic concepts of image representation, feature extraction, object detection, and segmentation.	Define the concept of Statistical Data and understand its applications in various fields. Define No-Code and LowCode AI. Identify the differences between Code and No-Code AI concerning Statistical Data. Understand the basic concepts of image representation, feature extraction, object detection, and segmentation.
ASSESSMENT VI SYLLABUS OF ASSESSMENT – VI ASSESSMENT V & VI PORTIONS	PART A 1.COMMUNICATION SKILLS 5.GREEN SKILLS PART B 6.NLP Introduction to Natural Language Processing, Text Normalisation , Bag of Words algorithm.	Learns basics of Communication and Green skills. Learn about the Text Normalization technique used in NLP and the popular NLP model - Bag-of-Words
SYLLABUS OF ASSESSMENT – VII	PART A-CHAPTERS 1,2,3 PART B-CHAPTERS 1,2,3	
SYLLABUS OF ASSESSMENT – VIII	PART A-CHAPTERS 4,5 PART B-CHAPTERS 4,5,6	
MODEL EXAMINATION - 1	100% SYLLABUS	
MODEL EXAMINATION - 2	100% SYLLABUS	
MODEL EXAMINATION - 3	100% SYLLABUS	
BOARD EXAMINATION	100% SYLLABUS	

CLASS X

SUBJECT : INFORMATION TECHNOLOGY

TEXTBOOK-CBSE STUDY MATERIAL

EXAM/MONTH	TOPIC	LEARNING OUTCOME
SYLLABUS OF ASSESMENT – I PART B UNIT 1	<u>PART – B :</u> 1. DIGITAL DOCUMENTATION USING LIBRE OFFICE WRITER	Able to identify the difference between Styles and templates. Learn to create, update, and apply various styles in Libre Office Writer for effective and consistent document formatting. Able to insert, modify, and position images and drawing objects in a document, using various methods and options for effective document layout and formatting
SYLLABUS OF ASSESMENT – II PART A UNIT 2	<u>PART A</u> 2.SELF MANAGEMENT SKILLS	Students will be able to Explains how to improve self-management skills to become successful in life. Identifies different stress management methods
SYLLABUS OF ASSESMENT – III PART A UNIT 3 PART B UNIT 2	<u>PART – B :</u> 2.ELECTRONIC SPREADSHEET (ADVANCED) USING LIBRE OFFICE CALC <u>PART A</u> 3.BASIC ICT	.Students will be able to Learn skills in consolidating data, using groups and subtotals, performing What-if analysis and scenarios, and utilizing the Goal Seek tool for decision-making. Explains the importance of technology in daily life.

SYLLABUS OF ASSESSMENT IV PART A UNIT 1 UNIT 4	<u>PART – A :</u> 1. COMMUNICATION SKILLS 4.ENTREPRENUERAL SKILLS	Students will be able to Describes the importance of communication skill in daily life. Identifies the importance of entrepreneurship in life
SYLLABUS OF ASSESMENT V PART A UNIT 5 PART B UNIT 4	<u>PART – B :</u> 4. : MAINTAIN HEALTHY, SAFE AND SECURE WORKING ENVIRONMENT 5.GREEN SKILLS,	Understand workplace health, safety, and security policies, identify various hazards, and learn how to manage risks and maintain a safe working environment. Learn about air and water quality monitoring, office ergonomics, health and safety guidelines for computer use, and methods to reduce risks associated with musculoskeletal problems and other work related issues Explain the reasons for preserving environment
SYLLABUS OF ASSESSMENT VI PART B UNIT 3	<u>PART – B</u> 3.: DATABASE MANAGEMENT SYSTEM USING LIBREOFFICE BASE	Students will be able to Understand data and information concepts, the advantages of databases, various data models and key terminology and objects of relational database systems.
SYLLABUS OF ASSESSMENT VII	PART A UNITS 1,2,3 PART B UNITS 1,2	
SYLLABUS OF ASSESSMENT VIII	PART A UNITS 4,5 PART B UNITS 3,4	

MODEL EXAMINATION 1	100% SYLLABUS	
MODEL EXAMINATION 2	100% SYLLABUS	
MODEL EXAMINATION 3	100% SYLLAUS	
BOARD EXAMINATION	100%SYLLABUS	



SATTHWA

JUNE : EXCELLENCE 1.GOAL SETTING

2.MANAGING TIME

JULY : EXCELLENCE 3.DO YOUR BEST

4.COMPETE WITH YOURSELF TO EXCEL

AUGUST : POSITIVE ATTITUDE 1.STRESS MANAGEMENT

2.RESILIENCE

SEPTEMBER : POSITIVE ATTITUDE 3.MOTIVATION

4.LOGICAL THINKING

OCTOBER : ACCOUNTABILITY 1.RESPONSIBILITY

2.ANSWERABILITY

NOVEMBER : ACCOUNTABILITY 3.COMMITMENT

4.TRUSTWORTHINESS

SUBJECT-PHYSICAL EDUCATION

EXAM/MONTH	TOPIC	LEARNING OUTCOMES
JUNE	March Past rules and regulation of chess	Students will be able to: 1.Improve co-ordination 2.Understanding chess regulation
JULY	Khelo India physical fitness, rules and regulations of kabaddi	1. Increase speed and agility 2.Understanding rules and Regulation of kabaddi
AUGUST	Khelo India physical fitness test and rules of kho kho	1.Increase muscular strength and co-ordination 2. Understanding Kho-Kho rules
SEPTEMBER	Freeh and exercise, rules of badminton	1. Improve co-ordination 2.To Learn Badminton Rules
OCTOBER	Freehand exercise rules of volley ball	1. Improve Flexibility 2. Understanding Volleyball Rules
NOVEMBER	Major game of football	1.Increase Playing Agility Of Football
DECEMBER	Khelo India physical fitness test, rules of athletics	1.Improve Speed and Agility 2. Understanding Rules of Athletics

SUBJECT :-ART & CRAFT

EXAM/MONTH	TOPIC	LEARNING OUTCOME
June to October	Nettipattam making,canvas painting, Nature study	Developes imagination and creativity,Encourages self expression and individuality.
November to December	Illustrations, compositions, sketching,object study	Improves dexterity,Improves critical thinking.

SUBJECT : MUSIC

EXAM/MONTH	TOPIC
JUNE	Prayer
JULY	Lightmusic
AUGUST	Varisakal
SEPTEMBER	Madhyasthayi Varisakal
OCTOBER	Jandavarisakal
NOVEMBER	Patriotic song
DECEMBER	Bhajan
JANUARY	Model Examination
FEBRUARY	Model Examination
MARCH	Model Examination

SUBJECT : DANCE

EXAM/MONTH	TOPIC
JUNE	BASIC EXERCISES , THATTADAV (1 - 8)
JULY	EXERCISES, NATTADAV (1-8)
AUGUST	KUTHITHMETTU ADAVU (1,2), ASAMYUKTA MUDRAS
SEPTEMBER	KUTHITHMETTU ADAVU (3,4) , SAMYUKTA HASTAS
OCTOBER	DANCE CHOREOGRAPHY
NOVEMBER	PARAVAL ADAVU (1,2), DRISHTI BEDAS
DECEMBER	PARAVAL ADAVU (3,4) , MANDALABEDAS
JANUARY	Model Examination
FEBRUARY	Model Examination
MARCH	Model Examination