



**Bharatiya Vidya
Bhavan's**

S. RAMAKRISHNAN MEMORIAL PUBLIC SCHOOL

AKAMALA



SYLLABUS BOOK

2026-27

CLASS VIII

TEXTBOOK: POORVI

TERM I		
EXAM/MONTH	TOPIC	LEARNING OUTCOME
UNIT TEST I <u>SYLLABUS OF UNIT TEST – I</u> Bridge course POORVI UNIT I The wit that won hearts A concrete Example	POORVI BRIDGE COURSE UNIT 1 –WIT AND WISDOM The wit that won hearts A concrete Example	Child will be able to:- Think and write creatively. Participate in different activities such as drama, debate etc. Understand how wit and intelligence solve problems. Analyse cause-and-effect relationships in the text.
GRAMMAR: UNIT 1, 2, 3, 4	GRAMMAR: 1. SENTENCES 2. NOUNS 3. ARTICLES 4. PRONOUNS	Use these sentences, nouns, pronouns and articles in class activities, homework assignments, and writing
HALF YEARLY EXAM <u>SYLLABUS OF HALF YEARLY POORVI</u> UNITS 1,2 GRAMMAR: UNIT TEST 1 + UNIT 5, 6,7, 8, 9, 10	UNIT 1 –WIT AND WISDOM Wisdom Paves the Way UNIT -2 – VALUES AND DISPOSITIONS A Tale of Valour; Major Somnath Sharma and the Battle of Badgam (INTEGRATED) Somebody’s Mother Verghese Kurien – I Too Had A Dream	Analyse how wisdom leads to success. Develop inferential reading skills. Recognize the historical importance of the Battle of Badgam Develop compassion and social responsibility. Identify Kurien’s contribution to the White Revolution.

	GRAMMAR: GRAMMAR: 5. ADJECTIVES 6. DETERMINERS 7. SUBJECT – VERB AGREEMENT 8. VERBS 1 9. VERBS 2 10. MODALS	Demonstrate how to use traditional grammar and enhances their writing and speaking.
TERM II		
UNIT TEST – II	UNIT -3 - MYSTERY AND MAGIC The Case of the Fifth Word The Magic Brush of Dreams Spectacular Wonders	Develop analytical and problem-solving skills. Enrich descriptive vocabulary. Understand the concept of natural or man-made wonders.
<u>SYLLABUS OF UNIT TEST – II</u> POORVI UNITS 3,4 Grammar: Unit 11,12,13	UNIT -4 ENVIRONMENT The Cherry Tree Harvest Hymn Waiting for the Rain	Identify the relationship between humans and nature. Develop gratitude towards farmers and nature. Enrich vocabulary related to weather and environment and develop awareness about water conservation

	GRAMMAR: 11. TENSES 12. ADVERBS 13. PHRASES AND CLAUSE	Demonstrate how to use traditional grammar and enhances their writing and speaking.
ANNUAL EXAM POORVI UNITS 2,3,4,5 <u>SYLLABUS OF ANNAUL EXAM</u> Grammar: Unit 11, 12, 13, 14, 15, 16, 17, 18, 19, 20	UNIT – 5 SCIENCE AND CURIOSITY Feathered friend Magnifying Glass (INTEGRATED) Bibha Chowdhuri: The Beam of Light that Lit the Path for Women in Indian Science	. Develop appreciation for wildlife. Identify how small details reveal bigger truths. Analyse the theme of perseverance and achievement.
	GRAMMAR: 14. CONDITIONAL SENTENCES 15. PREPOSITIONS 16. CONJUNCTIONS 17. VOICE 18. SPEECH 19. SIMPLE, COMPOUND & COMPLEX SENTENCES 20. SYNTHESIS OF SENTENCES	Use the rules of grammar in speech and writing and contexts focusing on phrases and clauses, prepositions, conjunctions, voice, speech, simple compound and complex etc. in order to demonstrate comprehension and knowledge of their usage through a variety of situations.

SUBJECT :മലയാളം

കേരള പാഠാവലി, അടിസ്ഥാന പാഠാവലി

EXAM/MONTH	TOPIC	LEARNING OUTCOME
TERM-I UNIT TEST - I കേരള പാഠാവലി അടിസ്ഥാന പാഠാവലി SYLLABUS OF UNIT TEST-I കേരള പാഠാവലി-1,2,3 പാഠങ്ങൾ	1.പതിനീർപ്പൂവ് (Integrated with Hindi, Social Science, Science, Maths) 2. താളുകൾക്കിടയിലൊരു മയിൽപ്പീലി 3. തിങ്കളാഴ്ച നല്ല ദിവസം (READING) 1.കുരുവിയും കാട്ടു തീയും 2.കൊച്ചുദേവദാരു 3. പെരുമഴയത്ത്	പൂക്കളുടെ മേന്മയും മഹത്വവും മനസ്സിലാക്കി ആസ്വാദനക്കുറിപ്പ് കുട്ടികളുടെ തയ്യാറാക്കുന്നു. ജീവിതവാടിയിൽ നിത്യവും പൂക്കുന്ന ഒന്നാണ് സ്നേഹം എന്ന് തിരിച്ചറിഞ്ഞ് കുട്ടികൾ വിശകലന കുറിപ്പ് തയ്യാറാക്കുന്നു തിരക്കഥകളെ കുറിച്ച് മനസ്സിലാക്കി കുട്ടികൾ ഉപന്യാസം തയ്യാറാക്കുന്നു പ്രാണവായുവായി ജീവജലമായി അന്നമായി നിറയുന്ന പ്രകൃതിയെ സംരക്ഷിക്കണമെന്ന തിരിച്ചറിവ് നേടുന്നു ഭൂമിക്ക് കാവലായി നാമെന്നും ഉണ്ടാകണം എന്ന തിരിച്ചറിവ് കുട്ടികൾ നേടുന്നു. മഴയുടെ തീവ്രതയും വെള്ളപ്പൊക്കത്തിന്റെ ഭീകരതയും കുട്ടികൾ മനസ്സിലാക്കുന്നു
HALF YEARLY EXAM കേരള പാഠാവലി	4.കളിവിളക്കിൻ തിരിനാളം 5.പാടിവിട്ടാത്ത കടങ്ങൾ (READING) 6.ലന്തൻ ബത്തേരിയിലെ കാഴ്ചകൾ 7.നിങ്ങളോർക്കുക	ബാല്യത്തിന്റെ വിസ്മയാനുഭൂതികളായ ഓരോ കലയെയും കുറിച്ച് മനസ്സിലാക്കി കുട്ടികൾ അനുഭവക്കുറിപ്പ് തയ്യാറാക്കുന്നു കലയെ അരങ്ങിൽ എത്തിക്കുന്ന കലാകാരന്റെ ജീവിതയാത്രയെ മനസ്സിലാക്കി സചിത്ര ജീവചരിത്രക്കുറിപ്പ് കുട്ടികൾ തയ്യാറാക്കുന്നു ചവിട്ടുനാടകം എന്ന കലയുടെ അരികു ചരിത്രം മനസ്സിലാക്കി ബ്രോഷർ കുട്ടികൾ തയ്യാറാക്കുന്നു സുഖസൗഭാഗ്യങ്ങളുടെ പിറകിൽ അധ്വാനിച്ചവരുടെ വിയർപ്പുണ്ടെന്ന് തിരിച്ചറിഞ്ഞ് വിവരണക്കുറിപ്പ് കുട്ടികൾ തയ്യാറാക്കുന്നു

അടിസ്ഥാന പാഠാവലി SYLLABUS OF HALF YEARLY EXAM കേരള പാഠാവലി-1,2,3,4,5,6,7,8 പാഠങ്ങൾ അടിസ്ഥാന പാഠാവലി-1 മുതൽ 5 വരെ പാഠങ്ങൾ	8.ബ്രേക്കിങ് ന്യൂസ് 4.പ്രത്യാശയുടെ കിരണങ്ങൾ 5.ഒപ്പം മിടിക്കുന്നത്	പ്രതികരിക്കാനുള്ള ശേഷി സ്ത്രീകളുടെ ഉള്ളിലുണ്ട് എന്ന് മനസ്സിലാക്കി കുട്ടികൾ വിലയിരുത്തൽ കുറിപ്പ് തയ്യാറാക്കുന്നു സമ്പന്നന്റെ ആർഭാടത്തെ ജീവിതത്തെ കുറിച്ച് കുട്ടികൾ മനസ്സിലാക്കുന്നു. സുഖദുഃഖങ്ങളുടെ ഹൃദയതാളത്തെ കുറിച്ച് കുട്ടികൾ മനസ്സിലാക്കുന്നു.
TERM-II UNIT TEST-II കേരള പാഠാവലി അടിസ്ഥാന പാഠാവലി-SYLLABUS OF UNIT TEST-II കേരള പാഠാവലി 9,10,11,12 പാഠങ്ങൾ	9.സ്വപ്നച്ചിറകിൽ 10.മൊഴിയഴക് 11.മൊഴിയാഴം 12.എന്റെ ഭാഷ (READING) 6. സ്നേഹപൂർവ്വം അമ്മ 7.അമ്മമ്മ	ആയുധങ്ങൾക്ക് തോൽപ്പിക്കാനാ വാത്ത ഫലം നൽകുന്നതാണ് അക്ഷരങ്ങൾ എന്ന് മനസ്സിലാക്കി കുട്ടികൾ പ്രഭാഷണം തയ്യാറാക്കുന്നു. മാതൃഭാഷയുടെയും മാനവികതയുടെയും മാതൃരാജ്യത്തിന്റെയും മഹത്വവും മാധുര്യവും തിരിച്ചറിഞ്ഞ് താരതമ്യപ്പെടുത്തി കുട്ടികളുടെ തയ്യാറാക്കുന്നു. നിളാനദിയുടെ സൗന്ദര്യം തിരിച്ചറിഞ്ഞ് വാക്യഭംഗി കുട്ടികൾ തയ്യാറാക്കുന്നു. ഭാഷയുടെ സൗന്ദര്യവും നിലനിൽക്കേണ്ട ആവശ്യകതയും മനസ്സിലാക്കി കുട്ടികൾ ഉപന്യാസം തയ്യാറാക്കുന്നു. സമൂഹത്തിൽ പതിയിരിക്കുന്ന അപകടങ്ങളെ കുറിച്ച് കുട്ടികൾ മനസ്സിലാക്കുന്നു. മാറുന്ന കാലത്തിനൊത്ത് സഞ്ചരിക്കാൻ തയ്യാറാക്കുന്ന വാർദ്ധക്യത്തിന്റെ പുതു കാഴ്ചകൾ കുട്ടികൾ മനസ്സിലാക്കുന്നു.

ANNUAL EXAM കേരള പാഠാവലി	13.കുപ്പവാട്ടിന്റെ കഥ 14.കൃഷി (Integrated with Science) 15.ജോസഫ് (READING) 8. തോട്ടക്കാരി 9. ഭഗീരഥപ്രയത്നം	ഒരുമയിൽ നിന്ന് ഉയർന്നുവന്ന കൃഷിയുടെ മഹത്വത്തെക്കുറിച്ച് മനസ്സിലാക്കി കുട്ടികൾ കുറിപ്പ് തയ്യാറാക്കുന്നു. മണ്ണിൽ സ്വർഗ്ഗം വിളയിക്കുന്ന കൃഷിക്കാരന്റെ പ്രാധാന്യത്തെ കുറിച്ച് മനസ്സിലാക്കി കൃഷിപ്പതിപ്പ് കുട്ടികൾ തയ്യാറാക്കുന്നു. മണ്ണില്ലാതെ വിതക്കാൻ കഴിയാതെ വിഷമിക്കുന്ന കൃഷിക്കാരന്റെ ബുദ്ധിമുട്ടുകൾ മനസ്സിലാക്കി കുട്ടികൾ കാർഷിക പദകോശം തയ്യാറാക്കുന്നു. ജീവിത ചൂടിലും വാടാതെ നിൽക്കുന്ന മനുഷ്യരെ കുറിച്ച് കുട്ടികൾ മനസ്സിലാക്കുന്നു. വിജയിക്കണമെന്ന് തീരുമാനിക്കുന്നതാണ് പരാജയപ്പെടാതിരിക്കാനുള്ള മാർഗ്ഗം എന്ന് കുട്ടികൾ തിരിച്ചറിയുന്നു .
അടിസ്ഥാന പാഠാവലി- SYLLABUS OF ANNUAL EXAM കേരള പാഠാവലി- 1,4,7,9,10,11, 13,14പാഠങ്ങൾ അടിസ്ഥാന പാഠാവലി- 6,7,8,9പാഠങ്ങൾ		

CLASS -VIII**Sanskrit -DEEPAKAM Part 3**

TERM I		
EXAM/MONTH	TOPIC	LEARNING OUTCOME
UNIT TEST I	सेतु कार्यक्रमः	- शब्दरूपाणि अवगच्छन्ति - कर्तृ – क्रिया अन्वयनं जानन्ति - लकाराः प्रयोगं कुर्वन्ति
	1. संगच्छध्वं संवदध्वम्	- जीवनमूल्ययुक्तश्लोकान् अवगच्छन्ति - श्लोकार्थस्य अवगमनं करोति - वेदम् अधिकृत्य जानन्ति
	2 . अल्पानामपि वस्तूनां संहतिः कार्यसाधिका	- लङ् लकारस्य प्रयोगः करोति - आत्मविश्वासबलेन सर्वम् साधयितुम् शक्यते - हितोपदेशस्य कथां परिचिनोति ।
SYLLABUS OF UNIT TEST I	Lesson 1 & 2,	
	3. सुभाषितरसं पीत्वा जीवनं सफलं कुरु	- सुभाषितानि सर्वदा जनानां हिताय भवन्ति । - सुभाषितपठनेन आदर्श-मानवजीवन-निर्माणाय प्रेरणा प्राप्यति
HALF YEARLY EXAM	4. प्रणम्यो देशभक्तोऽयं गोपबन्धुर्महामनाः (integrated)	- महात्मानां विषये ज्ञानं आप्नोति - अव्ययानि ,तेषां प्रयोगश्च प्रकटीकरोति - दुःखितानां सहायता कुर्वन्ति
	5 . गीता सुगीता कर्तव्या	- गीतायाम् अमृततुल्याः उपदेशाः सन्ति। - पद्यांशे अभिरुचि वर्धयति
SYLLABUS OF HALF YEARLY EXAM	UNIT TEST I+3,4&5	
	TERM II	

	6. डिजिभारतम्— युगपरिवर्तनम्	● व्याकरणम् अवजानन्ति ● भारतस्य डिजिटल्-प्रगतेः विषये जानन्ति
	7. मञ्जुलमञ्जूषा सुन्दरसुरभाषा	● संवादः करोति ● संस्कृतभाषा अतीव सुन्दरभाषा देवभाषारूपेण च परिचिता अस्ति ● गीतालापनं करोति
UNIT TEST II	8. पश्यत कोणमैशान्यं भारतस्य मनोहरम्	● सप्तदेशानां विषये संवादं करोति ● सप्तभगिन्यः स्थानिकरणम् ● सामाजिक विषये अवगच्छन्ति
	9. कोऽरुक् ? कोऽरुक् ? कोऽरुक् ?	● नैतिकतया व्यवहारं करोति ● कर्तृ -क्रिया अन्वयनम् करोति ● आयुर्वेदे बहवः आहारनियमाः जानन्ति
SYLLABUS FOR UNIT TEST II	Lesson 6,7,8 &9	
ANNUAL EXAM	10. सन्निमित्ते वरं त्यागः (क-भागः)	● संस्कृतवाङ्मये कथासाहित्यस्य विशिष्टं स्थानम् अवगच्छन्ति ● सामाजिक विषये तत्पराः सन्ति
	11. सन्निमित्ते वरं त्यागः (ख -भागः)	● हितोपदेशः' इत्यस्य कथाग्रन्थस्य परिचयं करोति ● संवादं करोति ● कर्तृ -क्रिया अन्वयनम् करोति
SYLLABUS OF ANNUAL EXAM	UNIT TEST II+10 &11	

HINDI

TEXT BOOKS - मल्हार, मधुबन

EXAM/MONTH	TOPIC	LEARNING OUTCOME
TERM I UNIT TEST-I SYLLABUS OF UNIT TEST I ब्रिज कोर्स, मल्हार-Lesson 2 व्याकरण-UT I	सेतु कार्यक्रम मल्हार 2. दो गोरेया (Integrated with Malayalam, Social Science, Maths, Science) Concept : Nature मधुबन 2. 'सर' की उपाधि लौटा दी। (वाचन) व्याकरण संज्ञा, सर्वनाम, विशेषण, क्रिया	1. छात्र ध्यानपूर्वक सुनकर मुख्य विचार एवं महत्वपूर्ण बिन्दुओं को पहचानने में सक्षम होंगे। 2. भाषा के माध्यम से सृजनात्मक चिंतन करने में छात्र सक्षम होंगे। जीवन में मित्रता और सहयोग के महत्व को समझने में छात्र सक्षम हो जाएंगे। स्वार्थहीन बनकर परोपकार करने में बच्चे सक्षम हो जाएंगे। वाक्यों में संज्ञा, सर्वनाम, विशेषण, क्रिया की पहचान और उपयोग करने में छात्र सक्षम हो जाएंगे।
HALF YEARLY EXAM SYLLABUS OF HALF YEARLY EXAM मल्हार-UTI+3,5 मधुबन-5	मल्हार 3. एक आशीर्वाद 4. हरिद्वार(वाचन) 5. कबीर के दोहे मधुबन 5. स्वाभिमान	आशीर्वाद और प्रेम की महत्ता को समझना। माँ के आशीर्वाद की शक्ति को पहचानना। धार्मिक और सांस्कृतिक महत्व को समझना। यात्रा के अनुभवों से जीवन को समृद्ध बनाना। जीवन के तत्त्व और समाज सुधार के संदेश को समझने में छात्र सक्षम हो जाएंगे। हमें कभी भी अपने स्वाभिमान पर आंच नहीं आने देना है ऐसे सोचने में बच्चे सक्षम हो जाएंगे।

व्याकरण-UTI +कारक,उपसर्ग, प्रत्यय	व्याकरण कारक,उपसर्ग,प्रत्यय	वाक्यों में कारक की पहचान और उपयोग करने में छात्र सक्षम हो जाएंगे। शब्दों में उपसर्ग और प्रत्यय जोड़कर नए शब्द बनाने में छात्र सक्षम हो जाएंगे।
TERM II UNIT TEST II SYLLABUS OF UNIT TEST II मल्हार-6,7 मधुबन-3,8 व्याकरण-TERM I+UNIT TEST II	मल्हार 6. एक टोकरी भर मिट्टी 7. मत बाँधो मधुबन 3. वह पता न टूटा 8. समय व्याकरण संधि, काल	जीवन के मूल्यों और जिम्मेदारियों को समझने में छात्र सक्षम हो जाएंगे। स्वतंत्रता और बंधनों से मुक्ति की भावना को समझने में छात्र सक्षम हो जाएंगे। जीवन में आने वाली सभी समस्याओं को हिम्मत से संघर्ष करने में बच्चे सक्षम हो जाएंगे। छात्र समय की महत्ता और इसके प्रबंधन को समझने में सक्षम हो जाएंगे। छात्र संधि और काल के नियमों और उदाहरणों को पहचानने में सक्षम होंगे।
ANNUAL EXAM SYLLABUS OF ANNUAL EXAM मल्हार-2,5,6,8,9,10 मधुबन-3,8,12 व्याकरण TERM I + TERM II	मल्हार 8. नए मेहमान 9. आदमी का अनुपात 10. तरुण के स्वप्न मधुबन 12. मूल्य	परिवार और रिश्तों की महत्ता को समझने में छात्र सक्षम होंगे। आदमी के मूल्य और जीवन के अनुपात को समझने में छात्र सक्षम होंगे। युवाओं को अपने लक्ष्यों की ओर बढ़ने की प्रेरणा मिलती है। छात्र मूल्यों के प्रति जागरूक होंगे और उन्हें अपने जीवन में अपनाने के लिए सक्षम होंगे।

SUBJECT :-MATHEMATICS

Text Book – GANITA PRAKASH

TERM I		
EXAM/MONTH	TOPIC	LEARNING OUTCOME
UNIT TEST I	BRIDGE MONTH PROGRAMME	Students will be able to strengthen their mathematical skills including square numbers, cube numbers ,prime numbers and number pattern while developing problem solving abilities and real-world application of mathematical concepts. They will gain confidence in transitioning to advanced topics through interactive hands-on, practical learning experiences.
SYLLABUS OF UNIT TEST I		
Bridge month programme Chapters 1&2	Chapter 1. A square and a cube	Students will be able to Find squares and square roots of numbers using different methods. Find cubes and cube roots of numbers using different methods.
	Chapter 2 Power play (integrated with science and social science)	Solve problems involving integral exponents using laws of exponents.
SYLLABUS OF HALF YEARLY EXAM		
Chapters 1,2,4,5,6	Chapter 4 Quadrilaterals	Solve problems related to properties of quadrilaterals
	Chapter 5. Number play	Understand and apply various divisibility rules (2, 3, 4, 5, 6, 8, 9, 10, 11, etc.).
	Chapter 6 We distribute yet things multiply	Simplify and evaluate algebraic expressions using identities.
	Chapter 3 A story of numbers	Recognize the contribution of ancient civilizations to modern mathematics. Build conceptual understanding of place value and number representation through historical context.
TERM II		
UNIT TEST II	Chapter 7 Proportional Reasoning-I	Understand the concept of ratio and proportion.
SYLLABUS OF UNIT TEST II		
Part I Chapter 7	Part II Ch. 3 Proportional Reasoning-II	Develop a strong understanding of ratios and proportional relationships by learning to divide quantities in given ratios, and by analyzing direct and inverse proportion between quantities.
Part II Chapter 1, 2 & 3	Part II Ch. 1 Fractions in Disguise	Estimate the profits or losses incurred in transactions, and tax rates, can be expressed in terms of percentages.

SYLLABUS OF ANNUAL EXAM Part I Ch. 1,2,4,5,6 Part II Ch. 1,2,4,5,6,7	Part II Ch. 2 The Baudhayana- Pythagoras	Develop a deep understanding of the Baudhāyana–Pythagoras Theorem and its significance in geometry by exploring relationships among the sides of right-angled and special triangles.
	Part II Ch.4 Exploring Some Geometric Theme	Learn to represent, analyze, and interpret three-dimensional objects on two-dimensional surfaces, connect geometry with real-life structures, nature, and art, and enhance their logical thinking, creativity, and problem-solving skills through visualisation and geometric construction.
	Part II Ch5.Tales by Dots and Lines	Understand the concept of data and its representation using dots and lines.
	Part II Ch. 6 Algebra Play	To analyse ‘Think of a Number’ tricks, number pyramids, grids, ways of forming numbers using given digits to maximise certain products, divisibility tricks, and various other problems.
	Part II Ch. 7.Area	Estimates the area of shapes like trapezium and other polygons

SUBJECT: - SCIENCE
TEXT BOOK: CURIOSITY

EXAM/ MONTH	TOPIC	LEARNING OUTCOME
	<u>TERM I</u>	
BRIDGE COURSE		Students will be able to: - • Identify plant characteristics by comparing types of roots, leaf venation, and cotyledons to classify plants. • Differentiate states of matter and explain changes like melting, freezing, and evaporation. • Investigate factors affecting evaporation and draw simple conclusions from experiments. • Understand balanced diet and identify nutrient deficiencies and related diseases. • Explain germination by identifying essential conditions and designing simple experiments. • Distinguish between metals and non-metals based on physical and chemical properties. • Describe natural phenomena such as movement of hot air, Earth's rotation, and formation of day and night. • Identify basic astronomy concepts including stars, constellations, the solar system, and eclipses.
UNIT TEST I	Chapter 1: Exploring the Investigative World of Science (Reading)	• Identify steps of scientific investigation. • Differentiate observation, hypothesis and experiment. • Record, tabulate and interpret data. • Develop scientific reasoning and inquiry skills. • Appreciate the role of science in daily life.
UNIT TEST I SYLLABUS: CHAPTER -2	Chapter 2: The Invisible Living World: Beyond our naked eye (Integrated)	• Identify various microorganisms. • Differentiate useful and harmful microbes. • Explain role of microbes in food, medicine and environment. • Describe prevention of microbial diseases. • Demonstrate awareness about hygiene practices.
HALF YEARLY EXAM	Chapter 3: Health – The Ultimate Treasure	• Define health and its components. • Explain importance of balanced diet and nutrients. • Differentiate communicable and non-communicable diseases. • Describe preventive healthcare measures. • Promote healthy lifestyle habits.

<u>ANNUAL EXAMINATION SYLLABUS:</u> 4,5,7,8,9,10,11, 12,13	Chapter 12: How Nature Works in Harmony (Integrated) Chapter 13: Our Home – Earth: A Unique Life Sustaining Planet	• Relate celestial movements to time measurement. • Appreciate scientific observation of the sky. • Explain eclipses with diagrams. • Define ecosystem and its components. • Describe food chains and food webs. • Explain interdependence among organisms. • Identify environmental issues. • Promote conservation practices. • Describe structure and resources of Earth. • Explain factors supporting life on Earth. • Identify human impact on environment
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CLASS TESTS WILL ALSO BE CONDUCTED AFTER EVERY CHAPTER.

Text Book:- NCERT (EXPLORING SOCIETY: INDIA AND BEYOND)

EXAM/MONTH	TOPIC	LEARNING OUTCOME
TERM I UNIT TEST-I SYLLABUS OF UNIT TEST -I Bridge month programm e CHAPTER 1	BRIDGE MONTH PROGRAMME	Students will be able to learn about the society in which they live, develop pride in their culture and their country and makes students familiar with the explorative and engaging pedagogy of Social Sciences for their smooth interactions with social and human environment to which they will be exposed in grade 8
	THEME A CHAPTER 1 (GEOGRAPHY) NATURAL RESOURCES AND THEIR USE (Integrated with Science, Maths, Hindi and Malayalam)	Students will be able to: Explain the importance of natural Resources for human life and economic development.
HALF YEARLY EXAM	THEME B CHAPTER 2 (HISTORY) RESHAPING INDIA'S POLITICAL MAP	Analyse the difficulties involved in uniting a diverse country after independence.

SYLLABUS OF HALF YEARLY EXAM UNIT TEST 1+ 2,6	THEME D CHAPTER: 6 (POLITICAL SCIENCE) THE PARLIAMENTARY SYSTEM: LEGISLATURE AND EXECUTIVE	Understand the relationship between the legislature and the executive
TERM II SYLLABUS OF UNIT TEST -II CHAPTERS- 4,5	THEME B CHAPTER: 4 (HISTORY) THE COLONIAL ERA IN INDIA	Students will be able to: Identify the reason for the coming of European trading companies to India.
	THEME D CHAPTER: 5 (POLITICAL SCIENCE) UNIVERSAL ADULT FRANCHISE AND INDIA'S ELECTORAL SYSTEM	Relate the role of elections to responsible citizenship.
ANNUAL EXAM	THEME B CHAPTER 3 (HISTORY) THE RISE OF THE MARATHAS	Relate Shivaji's policies to the idea of effective governance.
SYLLABUS OF ANNUAL EXAMINATION CHAPTERS- UNIT TEST 2 + 3,7	THEME E CHAPTER 7 (ECONIMICS) FACTORS OF PRODUCTION	Examine how shortage or mismanagement of one factor affects production

Part II is not available in the NCERT site

SUBJECT :-ARTIFICIAL INTELLIGENCE

EXAM/ MONTH	TOPIC	LEARNING OUTCOME
FIRST TERM	Lesson 1 EXCITE	The students will be able to- - Identify and appreciate Artificial Intelligence and describe its applications in daily life. - Identify and interact with three domains of AI:Data ,Computer Vision and Natural Language Processing
	Lesson 2. RELATE	- Learn to relate to application of AI in their daily lives - Relate their imagination towards smart homes
	Lesson 3. ADOBE PHOTOSHOP CS	- Learn about Adobe Photoshop features and components . - Learn the steps to use the edited images in a presentation
SECOND TERM	Lesson 4. PURPOSE	Identify the impact of AI on sustainable Development goals to develop responsible citizenship.
	Lesson 5. POSSIBILITIES	- Research and develop awareness of skills required for the jobs of the future. - Reflect on the skills required for the futuristic opportunities
	Lesson 6 PYTHON CODING	Build basic programs using fundamental programming constructs like variables
	LESSON 7 AI ETHICS	- Identify and reflect on the ethical issues around AI - Gain awareness about AI bias and AI access.
<u>TERM I SYLLABUS</u> - Lessons 1,2,3 <u>TERM 2 SYLLABUS</u> - Lessons 4,5,6,7		

VOCATIONAL EDUCATION

Text book – Kaushal Bodh

MONTH	TOPIC	LEARNING OUTCOME
JUNE	HYDROPONICS – GROWING PLANTS WITHOUT SOIL (SCIENCE)	Students will be able to: - • Explain the concept of hydroponics and identify its advantages over traditional farming. • Set up a simple hydroponic system and monitor plant growth. • Recognize nutrients required by plants and their role in hydroponic farming.
JULY	WORKING WITH WOOD AND BAMBOO (ART)	• Design simple craft or utility items using wood or bamboo. • Demonstrate responsible behaviour in a workshop setting. • Measure, mark, cut, and shape wood or bamboo accurately. • Assemble simple wooden or bamboo items using appropriate techniques.
AUGUST	CREATING ADVERTISEMENTS (IT)	• Explore different kinds of advertisements • Identify elements of advertisements. • Plan, prepare and design advertisements
OCTOBER	FEEDING AND CARING FOR FARM ANIMALS (SCIENCE)	• Identify the basic needs of common farm animals (food, shelter, hygiene). • Demonstrate simple animal-care practices such as feeding and safe handling. • Recognize signs of healthy and unhealthy animals.
NOVEMBER	WATER AUDIT FOR WATER MANAGEMENT (SCIENCE)	• Measure daily water usage at home or school using simple tools. • Identify points of water wastage and suggest corrective steps. • Demonstrate practices that promote water conservation.
DECEMBER	HOME AUTOMATION (IT AND PHYSICS)	• Learn about electronic components and circuits • Make simple programs and circuits

TEXT BOOK: SATTHWA	
JUNE	1. SOCIAL RESPONSIBILITY 2. LAW – ABIDING CITIZEN
JULY	3. PROTECT PUBLIC PROPOERTY 4. BEYOND NON VIOLENCE
AUGUST	5. EQUALITY OF OPPORTUNITY
SEPTEMBER	6. GENDER SENSITIVITY
OCTOBER	7. RIGHT TO CO EXIST
NOVEMBER	8. DEMOCRATIC SPIRIT
DECEMBER	9. ACCEPT OTHERS 10. BEING SELFLESS
JANUARY	11. PATIENCE 12. HUMILITY
FEBRUARY	REVISION
MARCH	REVISION

SUBJECT:-PHYSICAL EDUCATION

TEXT BOOK: Khel Yatra

MONTH/NO OF DAYS	TOPIC/SUB TOPIC	LEARNING OUTCOME STUDENTS WILL BE ABLE TO:
JUNE	1. March past 2. Unit-1 Foundation of physical education and well-being ▪ Horse vault race ▪ Progressive mass drill ▪ Conduction relay ▪ Motion -in- action relay ▪ Breathing in actor ▪ Flex and react challenge ▪ Move like a machine ▪ Adapt and achieve	1. Improve co-ordination 2. Improve speed and agility 3. Improve endurance
JULY	Unit-2 Physical and motor fitness ▪ Crawl to the front ▪ Rock -paper-championship run ▪ Modified triathlon activity ▪ Pass, sit and score ▪ Crab crawl ball relay ▪ Hitting running target game ▪ Kick volley ball ▪ Ropeless Tug war	1. Improve muscular strength 2. Improve Cardio vascular endurance 3. Improve speed and agility 4. Improve reaction time
August	Unit-3 Fundamental skills of sports athletics ▪ Crouch or sitting start ▪ Chase and tag ▪ Reaction game ▪ Long jump ▪ Standing broad jump ▪ Hopping ▪ Making an arch ▪ Landing ▪ High jump ▪ Heading suspended ball	1. Improve speed and agility 2. Improve explosive strength 3. Understand crouch start 4. Understand long jump and high jump
September	Unit-4 Fundamental skills of sports Table tennis ▪ Grip ▪ Foot work ▪ Fore hand push ▪ Back hand push	1. Develop hand-eye coordination 2. Improve reflexes and reaction time 3. Enhance balance and agility

	▪ Basic service ▪ Topspin service ▪ Backspin service ▪ Fore hand drive ▪ Back hand drive ▪ Fore hand topspin ▪ Back hand topspin ▪ Smash ▪ Table tennis game	4. Understand rules and scoring system 5. Identify different types of serve 6. Recognized basic stroke 7. Understand spill concept
October	Unit -5 Fundamental skills of sports volley ball ▪ Under hand pass ▪ Over head pass ▪ Under hand serve ▪ Overhead serve ▪ Setting ▪ Spike ▪ Block ▪ Dig ▪ Ball rotation activity ▪ Ace accuracy contest ▪ Ball throw activity ▪ 11 point match	1. Improve hand -eye coordination 2. Develop agility and balance 3. Enhance reaction time 4. Improve jumping ability 5. Understand basic rules of volley ball 6. Recognized different types of hits (serve , pass ,set ,spike ,block)
November	1. Khelo India physicalfitness test	1. Assess current personal fitness level
December	1. Rules and regulation of Foot ball	1. Improve speed and endurance 2. Develop balance & coordination 3. Understand basic rules of Football
January	1. Rules and regulation of Kabaddi	1. Understand basic rules of Kabaddi 2. Improve speed and endurance
February	1. Rules and regulation of Kho-Kho	1. Understand basic rules of Kho-Kho 2. Improve speed and endurance
March	1. Recreation games	1. Improve sportsmanship and stress management

SUBJECT :-ART AND CRAFT
TEXT BOOK: KRITI

EXAM/MONTH	TOPIC	LEARNING OUTCOME
JUNE	ACTIVITIES: CHAPTER 1 – ELEMENTS AND PRINCIPLES OF VISUAL ART AND DESIGN IDENTITY; JOURNAL MAKING; PRINCIPLES OF VISUAL ART AND DESIGN. 1. ELEMENTS OF DRAWING (MECHANICAL LINE, SPONTANEOUS LINE, VERTICAL LINE, HORIZONTAL LINE, DIAGONAL LINES ANGULAR LINES ETC) 2. FORM AND SPACE (A SYMMETRICAL FORM INFORMAL SPACE) 3. ACTIVE AND NEGATIVE SPACE	THE CHILD WILL BE ABLE TO- LEARN DIFFERENT ELEMENTS OF DRAWING, SPACING OF OBJECTS
JULY	ACTIVITIES :CHAPTER 2– STILL LIFE IN COLOUR STILL LIFE. PROJECT 3: WORKING WITH WOOD AND BAMBOO 1. PERSPECTIVE 2. HOW TO MEASURE THE EYE LEVEL 3. DISTANCE AND HEIGHT (NORMAL VIEW POINT, VANISHING POINT) 4. LIGHT AND SHADE (SHADING EFFECT WITH PENCILS 5. LIGHT AND SHADE EFFECT IN THE STILL LIFE 6.CRAFT WORK - PLANTAIN BUNCH (SPONGE)	LEARN PERSPECTIVE DRAWING, LIGHT AND SHADE, AND 3D VIEW OF DIFFERENT OBJECTS IMPROVES CREATIVITY

AUGUST	ACTIVITIES: CHAPTER 4 – PEOPLE IN PLACE INTRODUCTION TO PERSPECTIVE; HUMAN ANATOMY; PROPORTION; DRAW YOUR FRIENDS; COMPOSITION. 1. MEMORY DRAWING, NATURE STUDY	IMPROVE CREATIVE THINKING SKILL
SEPTEMBER	ACTIVITIES: CHAPTER 4– ARTS OF THE PEOPLE, WITH THE PEOPLE, FOR THE PEOPLE KNOTTING; PATCH THE MATCH; PULP AND PAINT; PAPER MACHE. 1. NATURE DRAWING 2. COLLAGE EFFECT 3. KNIFE PAINTING EFFECT 4. PENCIL SHADING EFFECT 5. LINE DRAWING	IMPROVE DIFFERENT MEDIUMS AND TEXTURES

OCTOBER	ACTIVITIES: CHAPTER 5 – CAMPAIGN FOR ART AWARENESS 1. LAND SCAPE (DRAWING PERSPECTIVE WITH SKETCH PEN, WATER COLOUR, SHADING EFFECT WITH POSTER COLOUR) 2. DECORATIVE DRAWING (FOLK ART, RAJASTHANI ART, MADHUBANI ART, MUGAL ART)	APPLICATION OF DIFFERENT MEDIUMS IN DRAWING, AND AWARE OF DIFFERENT STATES ART STYLES
NOVEMBER	ACTIVITIES: 1. HUMAN ANATOMY (TAMIL HALF HEADS, SKETCHING ARMS AND LEGS) PORTRAITS (MEDIUM DARK STROKES, GRID METHOD) 2. PORTRAIT DRAWING 3. FREE DRAWING (VEGETABLE MARKET)	LEARN DETAILED STUDY OF PORTRAIT DRAWING, AND BASIC OF ANATOMY DRAWING
DECEMBER	ACTIVITIES: 1. CARTOONING WITH POSTER COLOUR 2. LETTERING CALLIGRAPHY (COMPOSITION OF LETTERS, MECHANICAL SPACING OPTICAL SPACING)	LEARN MORE ABOUT CARTOON DRAWING AND TYPOGRAPHY

JANUARY	ACTIVITIES: 1. COMMERCIAL ART 2. POSTER MAKING 3. LAY OUTING	UNDERSTAND POSTER, LAYOUT COLOUR ETC
FEBRUARY	ACTIVITIES : 1. POTTERY – CLAY MODELING (COIL POTTERY, GLAZING, INCISING PAINT) 2. SCULPTURE (CERAMICS, CLAY MODELING)	IMPROVE AND MAKE 3D OBJECTIVES THAT IS CLAY MODELING, 3D POT DECORATION
MARCH	ACTIVITIES : 1. NATURE STUDY, OBJECT STUDY 2. FREE DRAWING (POLLUTION)	IMPROVE CREATIVE THINKING SKILLS

MUSIC

TEXTBOOK: KRITI

Month	Activity	Learning Outcomes
June	Shlokas in Sanskrit	Students will demonstrate correct pronunciation of Sanskrit phonetics and memorize traditional chants.
July	Music warm-ups	Students will apply vocal exercises to improve breath control, pitch accuracy, and vocal flexibility.
August	Tala and Swaras	Students will identify and perform basic rhythmic cycles (Talas) and melodic notes (Swaras) in unison.
September	Tabla patterns	Students will recognize and recite the 'bols' (syllables) of fundamental Hindustani rhythmic patterns.
October	Patriotic songs	Students will perform songs that instill national pride while maintaining proper tempo and expression.
November	Musical instruments	Students will differentiate between string, wind, percussion, and electronic instruments by sight and sound.
December	Musicians and their instruments	Students will identify legendary Indian musicians and describe their contributions to specific instruments.
January	Indian classical music	Students will understand the basic structure of ragas and the distinction between Hindustani and Carnatic styles.
February	Musical monuments and patriotic songs	Students will explore the history of architectural sites associated with music and refine their patriotic repertoire.
March	Qawwali	Students will demonstrate an understanding of the energetic, rhythmic, and soulful nature of Sufi devotional music.

DANCE SYLLABUS

NAME OF THE BOOK: KRITI

EXAM/ MONTH	TOPIC	LEARNING OUTCOME
JUNE	BASIC EXERCISES , THATTADAV (1 - 8)	The child will be able to demonstrate Basic Exercises and Thattaadavu 1-8 with proper technique and coordination.
JULY	THEORY : Breath in Dance, Elements of Dance, Postures in Dance, Motion in Dance PRACTICAL: EXERCISES, NATTADAV (1-4)	THEORY : The child will be able to understand the importance of breath, elements, postures, and motion in dance PRACTICAL: The child will be able to demonstrate exercises and Nattadavu 1-4 with control and precision
AUGUST	THEORY : Combination of Postures and Movements, bharatanatyam, Kathak,Kathakali, Kuchipudi, PRACTICAL: NATTADAVU (5-8)	THEORY : The child will be able to understand the combination of postures and movements in various dance forms like Bharatanatyam, Kathak, Kathakali, and Kuchipudi PRACTICAL: The child will be able to demonstrate Nattadavu 5-8 with expression and clarity
SEPTEMBER	THEORY : Manipuri, Mohiniyattam, Odissi,Sattriya PRACTICALS: KUTHITHMETTU ADAVU(1,2)	THEORY : The child will be able to understand the dance forms of Manipuri, Mohiniyattam, Odissi, and Sattriya PRACTICAL: The child will be able to demonstrate Kuthithmettu Adavu 1 and 2 with proper technique and rhythm
OCTOBER	THEORY : Other Dance Traditions,Communicating and Expressing Emotion PRACTICAL:KUTHITHU METTU ADAVU (3,4)	THEORY : The child will be able to understand various dance traditions and how emotions are communicated through dance PRACTICAL: The child will be able to demonstrate Kuthithmettu Adavu 3 and 4 with expression and rhythm

NOVEMBER	THEORY : Communicating and Expressing Emotion PRACTICAL : KUTHITHMETTU ADAVU	THEORY : The child will be able to understand how emotions are conveyed through dance movements and expressions PRACTICAL: The child will be able to demonstrate Kuthithmettu Adavu with emotional expression and technical precision
DECEMBER	THEORY : Innovation in Dance, Integration of Other Allied Form PRACTICAL: DANCE CHOREOGRAPHY	THEORY : The child will be able to understand the concept of innovation in dance and integration of other art forms PRACTICAL: The child will be able to create and perform a dance choreography incorporating innovative elements and techniques
JANUARY	THEORY: Inclusivity in Dance PRACTICAL: DANCE CHOREOGRAPHY	THEORY : The child will be able to understand the concept of inclusivity in dance and its significance PRACTICAL: The child will be able to create and perform a dance choreography showcasing inclusivity and diversity
FEBRUARY	THEORY : REVISION PRACTICALS: THATTADAV, NATTADAV, KUTHITHMETTUADAVU, DANCE CHOREOGRAPHY	THEORY : The child will be able to recall and apply concepts learnt throughout the course PRACTICAL: The child will be able to demonstrate Thattaadavu, Nattadavu, Kuthithmettu Adavu, and perform a dance choreography with clarity and expression
MARCH	THEORY : REVISION PRACTICALS: THATTADAV, NATTADAV, KUTHITHMETTUADAVU, DANCE CHOREOGRAPHY	1. Understand the importance of breath, elements, postures, and motion in dance 2. Recall various Indian classical dance forms and their characteristics 3. Analyze the combination of postures and movements in dance 4. Explain the concept of inclusivity and innovation in dance 5. Demonstrate Thattaadavu, Nattadavu, and Kuthithmettu Adavu with proper technique and rhythm 6. Perform a dance choreography showcasing emotional expression, inclusivity, and innovation

YOGA

TEXT BOOK – KHEL YATRA

EXAM/MONTH	TOPIC	LEARNING OUTCOME
JUNE	MEANING OF PRAYER YOGA FOR DAILY LIFE YAMA AND NIYAMA	CHILD WILL BE ABLE TO:- DEFINE YOGA AND PHYSICAL AND MENTAL HEALTH
JULY	YOGA SADHANA	DEVELOP INTEREST AND DISCIPLINE IN DAILY YOGA PRACTICE
AUGUST	ASANAS SURYANAMASKARAM	IMPROVE FLEXIBILITY BALANCE AND CONCENTRATION
SEPTEMBER	REVISION TEST	
OCTOBER	STHIRASUKHAM ASANAS	IMPROVE CONCENTRATION AND BREATHING AWARENESS
NOVEMBER	VIRABHADRASANA GARUDA SANA PASHCHIMOTTANASANA PARIVRITTA JANU - SHIRSHASANA	IMPROVE BALANCE AND LEGS STRENGTH.INCREASE FLEXIBILITY OF THE SPINE AND HAMSTRINGS THROUGH FORWARD BEND
DECEMBER	SUPTA VAJARASANA UTTHITA PADMASANA DHANURASANA PAVANAMUKTASANA	STRENGTH BACK MUSCLES AND IMPROVE DIGESTION.ENHANCE BODY AWARENESS AND FLEXIBILTY
JANUARY	YOGA NIDRA PRANAYAMA	IMPROVE MENTAL RELAXATION AND CONCENTRATION MANAGE STRESS THROUGH BREATHING AND RELAXATION
FEBRUARY	REVISION	
MARCH	TEST	