CURICULLUM FOR CLASS IX FOR THE SESSION 2022-23

ENGLISH General Objectives:

To enable the learner-

- recognize the organization and identify the main points of a text
- to communicate effectively and appropriately in real life.
- to use English effectively for study purpose across the curriculum
- to develop and integrate the use of the four language skills i.e. reading, listening, speaking and writing.
- to develop interest in and appreciation of English Language .
- to revise and reinforce structure already learnt.

APRIL (21 days)

S No.	Topic	Teaching Aids/Methodology	Learning Outcomes
(A)	Beehive Unit 1:- a) The Fun they had Periods - (3)	Interactive Approach Reading And Explanation Class Discussion/Group Discussion Power Point Presentation Art Integrated Activity — Performing Art - Debate — Human Teachers are better than Mechanical teachers	 The learners will be able to understand the meaning of the words & phrases used in the story. They will be able to identify and make connections between similar fictitious plot elements and real world scenario. Learners will be able to understand the writer's purpose and theme of the story. They will be able to compare and contrast between the mechanical teacher and the real teacher and their qualities.
	(b) The road not taken Periods – (3)	Interactive Approach Recitation, paraphrasing and explanation of theme text book Power Point Presentation Assignments based on Extracts	 to read for thematic understanding and pleasure to know about poetic devices Students will come

			to know that life is a continuous journey full of divergence every now and then. To enable the students that life has countless opportunities. So we must not regret .We must keep moving ahead in life without looking back.
	Unit 2 :- a) The sound of music Periods - (6)	Interactive Approach Reading And Explanation Use of text book Class Discussion/Group Discussion Power Point Presentation Art Integrated Activity – Fine Arts– Biography of on Evelyn Glennie and Bismillah Khan on A4 sheets.	 to appreciate the beauty and simplicity of the content to understand the importance of hard work, positive attitude, determination and strong will power always lead to success in life.
	(b) Wind Periods - (3)	Interactive Approach Recitation And Paraphrasing Use of text book Class Discussion/Group Discussion Power Point Presentation Assignments based on Extracts	 to jot down ideas, feelings correctly to know about poetic devices to read for thematic understanding and pleasure To comprehend the poem To use new vocabulary To learn how to face the adversities in life.
(B)	Moments Chapter 1- The Lost Child Periods - (4)	 Interactive Approach Reading And Explanation Class Discussion/Group Discussion Power Point Presentation 	 to read for thematic understanding and pleasure to jot down ideas correctly

		 Text book Art Integrated Activity - Vocabulary Game 	 to analyse, interpret and evaluate ideas in the text. The learners will learn the importance of the things when they lost them.
(C)	<u>Writing Skill</u> Story Writing Periods - (2)	Interactive Approach	 To understand and apply the formats correctly. To use new vocabulary.

MAY (21 days)

S No.	Topic	Teaching Aids/Methodology	Learning Outcomes
(A)	Beehive Unit 3:- (a) The Little girl Periods - (03)	Interactive Approach Reading and Explanation Class Discussion/Group Discussion Power Point Presentation Interactive Approach Recitation, Paraphrasing and Explanation of the theme Class Discussion/Group Discussion Power Point Presentation	 to comprehend the text to enrich the vocabulary to read for thematic understanding and pleasure. The learners will be able to understand the meaning of the words & phrases used in the story. They will be able to identify and make connections between similar fictitious plot elements and real world scenario. Learners will be able to understand the writer's purpose and theme of the story. They will learn that one cannot judge a person with one experience. They will learn that parents are always loving, kind and caring for their kids.

(D)	(b) Rain on the roof Periods - (3)		 to be able to appreciate the poet's ideas, feelings to learn about the poetic devices used
(B)	Moments Chapter2:- The adventures of Toto Periods - (4)	Interactive Approach Reading and Explanation of the text Class Discussion/Group Discussion Power Point Presentation Art Integrated Activity-Performing Art – Debate Competition	 The learners will be able to understand the meaning of the words & phrases used in the story. They will be able to identify the humor of the story. Learners will be able to understand the writer's purpose and theme of the story.
(C)	Writing Skill Description Writing (Place) Periods - (2)	Interactive ApproachFormat DiscussionPower Point Presentation	 To understand and apply the formats correctly To use new vocabulary.

JULY-(25 days)

S No.	Topic	Teaching Aids/Methodology	Learning Outcomes
(A)	Beehive:- Unit4:- (a) A truly beautiful mind Periods - (04)	 Interactive Approach Reading and explanation Class Discussion/Group Discussion White Board Power Point Presentation Art Integrated Activity- Fine Art Newspaper Report: To collect and paste at least 5 newspaper reports related to different fields like sports, politics, Science, Fiction and International news. 	 to read for thematic understanding to read for pleasure to enrich the vocabulary to jot down ideas correctly They will learn that the disturbed personal life could not hamper the man's will and determination to achieve the success in life.

			7
	(b) The Lake Isle of Innisfree Periods - (4)	Interactive Approach Recitation, paraphrasing and Explanation of the theme Class Discussion/Group Discussion, White Board Power Point Presentation	 Listen, recite and understand the theme of the poem. Speak /recite with accuracy following the overall rhythm in a lyrical way. Understand 'form' in a literary text such as rhyme, rhythm and literary devices Attempt the exercise based on the poem. Express and argue a point clearly and effectively. Identify the literary devices like simile, alliteration, metaphor, repetition. Identify the rhyme scheme and the rhyme pairs.
(B)	Moments:-		, , , , , , , , , , , , , , , , , , , ,
	Chapter 3:- Ishwaran the story teller Periods (04) Chapter4:-	Interactive Approach Reading and Explanation Class Discussion/Group Discussion White Board Power Point Presentation Art Integrated Activity-STORY WRITING Newspaper stimulus	 to comprehend the text to enrich the vocabulary to imbibe the lesson contained in the story They will be able to identify the humor of the story.
	In the Kingdom of fools Periods (3)	 Interactive Approach Reading and Explanation Class Discussion/Group Discussion, White Board Power Point Presentation Art Integrated Activity – Mind Mapping 	 to read for thematic understanding and pleasure to jot down ideas correctly to analyse, interpret and evaluate ideas in the text They will be able to identify the humor of the story.
	Chapter 5: The Happy Prince Periods (4)	Interactive ApproachReading and Explanation	The learners will be able to understand the meaning of the words & phrases used

		 Class Discussion/Group Discussion , White Board Power Point Presentation Art Integrated Activity- Fine Art – Poster Making 	 in the story. They will be able to identify the moral and central idea of the story. Learners will be able to understand the writer's purpose and theme of the story.
(C)	Writing Skills (a) Diary Entry Periods (3)	Interactive Approach	 to understand and apply the formats correctly, To use new vocabulary
	(b) Article Writing Periods (3)	Interactive Approach	 to understand and apply the formats correctly. To use new vocabulary.

AUGUST -(22 days)

SNo.	Topic	Teaching Aids/Methodology	Learning Outcomes
(A)	Beehive Unit5:- (a) The snake and the mirror Periods – (4) (b) A legend of the Northland Periods – (3)	Interactive Approach Reading and explanation of the text Class Discussion/Group Discussion, White Board Power Point Presentation Art Integrated Activity- Story Writing Interactive Approach Recitation and paraphrasing Class Discussion/Group Discussion, White Board Power Point Presentation Art Integrated Activity – Pen Portrait of The Lady Baker and Saint Peter	 to read for thematic understanding to read for pleasure to enrich the vocabulary to jot down ideas correctly. The learners will learnone should never be proud of one's beauty, strength or achievements. Listen, recite and understand the theme of the poem. Speak /recite with accuracy

Comic Strip	following the overall rhythm in a lyrical way. Understand 'form' in a literary text such as rhyme, rhythm and literary devices Attempt the exercise based on the poem. Express and argue a point clearly and effectively. Identify the literary devices like simile, alliteration, metaphor, repetition. Identify the rhyme scheme and the rhyme pairs.
 Interactive Approach Reading and explanation of the text. Class Discussion/Group Discussion, White Board Power Point Presentation Art Integrated Activity – Performing Art – Role Play 	 to read for thematic understanding to read for pleasure to enrich the vocabulary
Interactive Approach Recitation and Paraphrasing Class Discussion/Group Discussion, White Board Power Point Presentation Art Integrated Activity- Fine Art Poster Making, Performing Art - Declamation Interactive Approach Reading and explanation. Class Discussion/Group	 Listen, recite and understand the theme of the poem. Speak /recite with accuracy following the overall rhythm in a lyrical way. Understand 'form' in a literary text such as rhyme, rhythm and literary devices Express and argue a point clearly and effectively. Identify the literary devices like simile,
	Interactive Approach Reading and explanation of the text. Class Discussion/Group Discussion, White Board Power Point Presentation Art Integrated Activity — Performing Art — Role Play Interactive Approach Recitation and Paraphrasing Class Discussion/Group Discussion, White Board Power Point Presentation Art Integrated Activity- Fine Art — Poster Making, Performing Art - Declamation Interactive Approach Reading and explanation.

	Discussion, White Board Power Point Presentation Pamphlet Making – based on trips	alliteration, metaphor, repetition.
<u>Unit7:-</u> Packing Periods – (3)		 to read for thematic understanding to read for pleasure to enrich the vocabulary to jot down ideas correctly. The learners will be able to understand the humour and the underlying theme of the story.
<u>Moments</u>	Interactive Approach	The learners will be able
Chapter6:-	Reading and Explanation	to understand the meaning of the words &
Weathering the Storm in Ersama	 Class Discussion/Group Discussion Use of White Board 	phrases used in the story.
Periods - (04)	Power Point Presentation	 They will be able to identify the courage and determination of the main character of the story. Learners will be able to understand the writer's purpose and theme of the story.

SEPTEMBER (14 days)

SNo.	Topic	Teaching Aids/Methodology	Learning Outcomes
	Moments Chapter7:- The last leaf	 Interactive Approach Reading and explanation. Class Discussion/Group Discussion. White Board Power Point Presentation 	 To comprehend the text To read for information and pleasure To jot down ideas correctly

OCTOBER-(21 days)

SNo.	Topic	Teaching Aids/Methodology	Learning Outcomes

(A)	Beehive Unit 8:- (a) Reach for the top Periods – (6)	 Interactive Approach Reading And Explanation Class Discussion/Group Discussion, White Board Power Point Presentation 	 to read for thematic understanding to read for pleasure to enrich the vocabulary
	(b) On Killing a tree Periods – (3)	 Interactive Approach Recitation and Paraphrasing Class Discussion/Group Discussion, White Board Power Point Presentation 	
	(c) The Duck and	 Interactive Approach Recitation and Paraphrasing Class Discussion/Group Discussion, White Board Power Point Presentation 	 to be able to appreciate the poet's ideas, feelings to learn about the poetic devices used.
	the Kangaroo Periods – (1)		 To comprehend the poem To appreciate poetic devices To present ideas correctly
(B)	Moments		
	Chapter8:-	Interactive ApproachReading And Explanation	to appreciate the simplicity
	A house is not a home	Class Discussion/Group	of thoughts and ways of
	Periods (4)	Discussion , White Board • Power Point Presentation	expression to imbibe the lesson conveyed
(C)	Writing Skills	Interactive Approach	
	<u>Description Writing</u> (Event) Periods - (2)	Format DiscussionWhite BoardPower Point Presentation	to understand and apply the formats correctly

SNo.	TOPIC	Teaching Aids /Methodology	Learning Outcomes
(A)	Beehive Unit 9:-		
	(a) The Bond of love Periods (03)	 Interactive Approach Reading and Explanation Class Discussion / Group Discussion, White Board Power Point Presentation 	 to read for thematic understanding to read for pleasure to enrich the vocabulary
	(b) The Snake trying Periods (2)	 Interactive Approach Recitation and Paraphrasing Class Discussion / Group Discussion, White Board Power Point Presentation 	 to read for thematic understanding and pleasure to jot down ideas correctly to analyse, interpret and evaluate ideas in the text
	Unit 10:- (a) Kathmandu Periods (4)	 Interactive Approach Reading and Explanation Class Discussion / Group Discussion, White Board 	 to read for thematic understanding to read for pleasure to enrich the vocabulary
	(b) A Slumber did my spirit seal Periods (2)	 Interactive Approach Recitation and Paraphrasing Class Discussion / Group Discussion, White Board 	 To comprehend the poem To appreciate poetic devices To present ideas correctly
	(c) If I were you Periods (4)	 Interactive Approach Reading, explanation and role enactment Class Discussion / Group 	 to comprehend the text to enrich the vocabulary to imbibe the lesson contained in the story

		Discussion, White Board • Power Point Presentation	
(B)			
	<u>Moments</u>		
	Chapter 9:-	Interactive Approach	to read for thematic
	The Accidental Tourist Periods-(4)	 Reading and Explanation Class Discussion / Group Discussion, White Board 	understanding to read for pleasure to enrich the vocabulary
		Interactive Approach	
		 Reading and Explanation Class Discussion / Group Discussion, White Board 	 to read for pleasure to jot down ideas correctly
	Chapter10:-	 Power Point Presentation 	
	The Beggar		
	Periods – (3)		

DECEMBER (25 days)

S No.	Topic	Teaching Aids/Methodology	Learning Outcomes
	Grammar Skills Editing of Paragraph Reported Speech Syntax Fill the Gaps Periods - 12 Revision of Entire Syllabus for Annual Exams Periods-(11)	Interactive Approach • Class Discussion/Group Discussion • Text Book, Worksheets ,White Board • Power Point Presentation	 to enable the students to enhance their grammar skills to ensure the appropriate understanding of the chapters and writing skills taught in class.

S No.	Topic	Teaching Aids/Methodology	Learning Outcomes
	Revision of Entire	Interactive Approach	to ensure the appropriate
	Syllabus for Annual Exams	 Class Discussion/Group Discussion 	understanding of the chapters and writing skills taught in class
	Periods – (16)	 Text Book, Worksheets , Smart Board 	

S No.	Topic	Teaching Aids/Methodology	Learning Outcomes
	Revision of Entire	Interactive Approach	to ensure the appropriate
	Syllabus for Annual Exams	 Class Discussion/Group Discussion 	understanding of the chapters and writing skills taught in class
	Periods – (16)	 Text Book, Worksheets , Smart Board 	

FEBRUARY (15 days)

Assessment based on Speaking and Listening skills will be taken in the month of September and February.

हिंदी

माह	पाठकानाम	शिक्षण-विधि	लक्षितअधिगम
अप्रैल	धूल (रामविलासवर्मा)	आदर्शवाचन,प्रश्नोत्तरवि धिएवंशंकासमाधान	माँकाममत्व,गरीबी, अमीरीमेंसमानहै।मिट्टीकेप्रकार,अखाड़ेकीमि ट्टी, धूल,खेत,कीचड़,बचपन
	अबकैसेछूटेरामनाम ऐसीलाल तुझबिनु (रैदास)	आदर्शवाचन,प्रश्नोत्तरवि धि	सामाजिकताना-बाना, कर्मकांडकापाखंड, ह्रदयकीपवित्रता, स्वामीऔरदास
मई	दु:खकाअधिकार (यशपाल)	आदर्शवाचन,व्याख्यानशै ली,प्रश्नोत्तरविधि	गरीबी-अमीरी,परिस्थितियांबलवानहोतीहै, अंधविश्वास,जादूटोना, झाड़-फूंक, दुखमनानेकेप्रकार, पौषाककामहत्व
	दोहे (रहीम)	दोहावाचन,नीतिकेदोहोंप रव्याख्यानशैली,प्रश्नोत्तर विधि	प्रेमकोसंभालकररखना,अपनेमनकीपीड़ाअप नेमेंहीछिपाकररखना, लोभीनहोना,उपयोगीवस्तुकासम्मान
जुलाई	एवरेस्ट :मेरीशिखरयात्रा (बचेंद्रीपाल)	आत्मकथा, जीवनवृत्तचर्चा, व्याख्यानशैली,पर्वतयात्राप्र संगमेंअनुभवश्रवण	साहसिककार्योंकेप्रतिरुझानपैदाकरना, अपनेअध्यापकोंएवंमाता- पिताकेआदर्शोंकोमानना, साथियोंमेंविश्वासबनाकररखना
	आदमीनामा (नजीरअकबराबादी)	मनुष्यकीप्रवर्त्तियोंपरव्या ख्यान, मनोयोगएवंमनोदशाचर्चा, प्रश्लोत्तरविधि	दुनियामेंसभीप्रकारकेमनुष्यहैं, बादशाहभीमुफ़लिसभी, जरदारऔरबेनवानिअमतखानेवालाऔरटुकड़े चबानेवालाभी
अगस्त	शब्दऔरपद, अनुस्वार,अनुनासिक,उ पसर्गऔरप्रत्यय	शब्दऔरपदसेउदाहरण विधिद्वारापरिचितकराना, प्रश्नोत्तरविधि	उपसर्गऔरप्रत्ययकेप्रयोगद्वारानएशब्दोंकोबना नेकातरीकाबताना
माह	पाठकानाम	शिक्षण-विधि	लक्षितअधिगम
सितंबर	शब्दविचार – श्रुतिसमभिन्नार्थकशब्द , पर्यायवाची, विलोम, अर्थकीदृष्टिसेवाक्यभेद	श्रुतिसमभिन्नार्थकशब्द, विलोमशब्द, पर्यायवाचीशब्दआदि कीउपयोगिताएवंप्रयोग विषयोंकीजानकारीएवं लेखनविधि	भिन्नभिन्नप्रकारकेवाक्यकीप्रयोगविधिकीजान कारीएवंउदाहरणविधि

Term – II

माह	पाठकानाम	शिक्षण-विधि	लक्षितअधिगम
अक्टूबर	तुमकबआओगेजाओगे अतिथि (शरदजोशी) गिल्लू (संचयन ।) महादेवीवर्मा	अतिथिशब्दपरचर्चाएवंअ नुभवश्रवण, आदर्शवाचन,प्रश्नोत्तरीवि धि आपबीतीघटनाओंकीजान कारी, सहभागिताव्याख्यानशैली	अतिथिहमेशादेवतानहींहोता, किसीमायनेमेंमनुष्यऔरयदा- कदाअसुरभीहोताहै।मेजबानकापर्सकांपनेल गे - ऐसाअतिथिसभ्यसमाजमेंआदर्शनहींकहाजास कता। मनुष्येत्तरपशु- पक्षियोंकेप्रतिप्रेमपूर्णव्यवहारकरना पशुपक्षियोंकेस्वभावकीजानकारी
नवंबर	स्मृति (श्रीरामशर्मा)	,प्रश्नोत्तरविधि बचपनकीभूलीबिसरीया दें,सहभागिताप्रश्नोत्तरवि धि	बचपनकीयादें,संस्मरण,चिट्ठियोंकेप्रयोग, सिक्केकेप्रयोग, वर्षाऋतुमेंनावबनाना, झरबेरीकेबेरतोड़ना,पतंगउड़ानाजैसेस्मृतियां
	एकफूलकीचाह (सियारामशरणगुप्त)	कवितावाचन,ऐतिहासि कजानकारियोंकेसाथप्र श्रोत्तरविधि,सहभागितावि षयगतचर्चा	सामाजिककुरितियाँदेशकीतरक्कीमेंबड़ीबा धाहै।पराधीनकालमेंदेशकुरीतियोंसेभरापड़ा था, स्वतंत्रताकेपश्चातशिक्षाएवंकुरीतियोंसेभीछुट कारासंभवहुआहै।
दिसंबर	दिएजलउठे (मधुकरउपाध्याय)	सरदारवल्लभभाईपटेल सहितक्रांतिकारियोंपरस हभागितासेचर्चाएवंप्रश्नोत्त रविधि	क्रांतिकारियोंकीदुनियासेपरिचय,अपनेघर कासुखछोड़देशकीस्वतंत्रताकेलिएतन,मन औरधनसमर्पितकरदेना
	धर्मकीआड़ (गणेशशंकरविद्यार्थी)	व्याख्यानशैली,आदर्शवा चनएवंप्रश्नोत्तरविधि आदर्शवाचन,गरीबगलि	धर्मएवंधर्मकीआड़मेंहोनेवालेपाखंडोंसेपरिच य, शुद्धआचरणएवंसदाचारीजीवनहै।असलीधर्म सेपरिचय
	नएइलाकेमेंखुशबूरचते हैंहाथ (अरुणकमल)	आदशवायन,गराबगाल योंपरचर्चा,प्रश्नोत्तरविधि, प्रेरकप्रसंगभीचर्चात्मक	कच्चीगलियांहै,कूड़ेकेढेरहैं,दुर्गंधहीदुर्गंधहै, लेकिनवहांपररहनेवालेलोगअगरबत्तियांएवंधू पबत्तियांअथार्तखुशबूबनातेहैं।व्यक्तिकीपरि स्थितिचाहेजैसीभीहोमनअगरअच्छाहैतोऐसा कर्मिकयाजासकताहैजिसमेंशुभकर्मकीसुगंध

			आतीहै।	
जनवरी	पत्रलेखन अनुच्छेदलेखन संवादलेखन नारालेखन संदेशलेखन	पत्रोंकेप्रकारोंसेउदाहरण विधिद्वारापरिचितकरवा ना	श्यामपट्टप्रयोगविधिद्वाराअनुच्छेदलेखनकाअ भ्यासकरानाएवंदोव्यक्तियोंकेमध्यहोनेवालेसं वादकोउदाहरणविधिकेद्वारासमझाना,नाराले खनकीउपयोगिताबतानाएवंविभिन्नप्रकारके संदेशलिखनाएवंउनकीउपयोगितासेपरिचित कराना	
*		आवृत्तिक्रमएवंअभ्यासप्रश्नसेअवगतकराना।		
*		प्रीबोर्डपरीक्षा		

MATHEMATICS

Month	Topics/Sub-topics	Assessments
IVIOLITI	ι ορισε/οαυ-τορισε	Assessments
April – 2022	Chap. 1 : Number Systems	Class Test, Class work note-book,
	Chap. 3 : Coordinate Geometry	Assignment note-book, Activity file, Cross-
	Chap. 4 : Linear Equations in	word puzzle,
	Two Variables	
	Lab Activities : Related to	
M	chapters	Olava Tarif Olava and anti-larif
May – 2022	Chap. 4 : Linear Equations in	Class Test, Class work note-book,
	Two Variables Chap. 6 : Lines and Angles	Assignment note-book, Activity file, Crossword puzzle,
	Lab Activities : Related to	PT – 1 (Chap. 1 &3)
	chapters	1 1 – 1 (Onap. 1 &3)
July – 2022	Chap. 6 : Lines and Angles	Class Test, Class work note-book,
00.9 2022	Chap.7 : Triangles	Assignment note-book, Activity file, Cross-
	Lab Activities : Related to	word puzzle,
	chapters	
August - 2022	Chap. 12 : Heron's Formula	Class Test, Class work note-book,
	Chap. 14: Statistics	Assignment note-book, Activity file, Cross-
	Lab Activities : Related to	word puzzle,
	chapters	PT – 2 (Chap. 4, 6 & 7)
September – 2022	Revision and First Term exam.	Term – 1
Octobor 2022	Chan 2 - Dalumamiala	(Chap. 1, 3, 4, 6, 7, 12 and 14)
October – 2022	Chap. 2 : Polynomials Lab Activities : Related to chapter	Class Test, Class work note-book, Assignment note-book, Activity file, Cross-
	Lab Activities . Nelated to chapter	word puzzle,
November - 2022	Chap. 2 : polynomials	Class Test, Class work note-book,
	Chap. 8 : Quadrilaterals	Assignment note-book, Activity file, Cross-
	Chap. 9: Areas of	word puzzle,
	Parallelograms and Triangles	•
	Lab Activities : Related to	
	chapters	
December - 2022	Chap. 10 : Circles	Class Test, Class work note-book,
	Chap. 11 : Constructions	Assignment note-book, Activity file, Cross-
	Lab Activities : Related to	word puzzle,
January 2022	chapters Chap. 13 : Surface Areas and	PT – 3 (Chap. 2, 8 & 9) Class Test, Class work note-book,
January - 2023	Volumes	Assignment note-book, Activity file, Cross-
	Chap. 15 : Statistics	word puzzle,
	Lab Activities : Related to	Preparatory Exam for Term-2
	chapters	(Chap. 2, 8, 9, 10, 11, 13 & 15)
February - 2023	Revision for Term-2 Examination	Class Test, Class work note-book,
		Assignment note-book, Activity file, Cross-
		word puzzle,
March – 2023	Term – 2 Examination	Term – 2 Examination
		(Chap. 2, 8, 9, 10, 11, 13 & 15)
	1	1

SCIENCE

LEARNING OBJECTIVES-

- 1- Develop inquiring minds and curiosity about science and the natural world.
- 2- Acquire knowledge, conceptual understanding and skills to solve problems and make informed decisions in scientific and other contexts.

MONTH -APRIL		NO. OF WORKING	NO. OF WORKING DAYS- 27	
CHAPTER		METHODOLOGY	LEARNING OUTCOMES	
The Fundamental unit of Life		 Demonstr ation and Lecture method Pupil centered method (inside the class) Role Play Experime ntation 	Students will be able to understand the Types , Structure and Function of cell and Cellular Organelles	
Motion MONTH -MA	Υ	Demonstr ation and Lecture method Pupil centered method (inside the class) NO. OF WORKING December 1.5 p. 1	Students will be able to Differentiate between scalar and vector quantities Establish equation of motion graphically and interpretation too.	
CHAPTER METHODOLOGY		LEAR	RNING OUTCOMES	
Is Matter around Us Pure Demonstration and Lecture method Pupil centered method (inside the class)		Solution and Susp		

MONTH - JUL	MONTH - JULY NO. OF WORKING DAYS- 24		
CHAPTER	METHODOLOGY	LEARNING OUTCOMES	
Tissues	 Demonstration and Lecture method Pupil centered method (inside the class) 	Students will be able to explain • The structure, function and of plant and Animal tissues	
MONTH - AUG	GUST	NO. OF WORKING DAYS- 23	
CHAPTER	METHODOLOGY	LEARNING OUTCOMES	
Force and Laws of Motion	 Demonstration and Lecture method Pupil centered method (inside the class) 	 Learners will be able to- Arrive the definition of Force, Its Types, Illustrate and Analyse Newton's Law Understand and numerically analyse the Law of conservation of Momentum 	
MONTH - SEP	TEMBER	NO. OF WORKING DAYS- 25	
CHAPTER	METHODOLOGY	LEARNING OUTCOMES	
Gravitation	 Demonstration and Lecture method Pupil centered method (inside the class) 	Universal law of Gravitation, free fall and how the gravitation forces change.	
Atoms and Molecules	 Demonstration and Lecture method Pupil centered method (inside the class) 	Students will be able to know about the atoms and molecules.	
MONTH - OCT	TOBER	NO. OF WORKING DAYS- 17	
CHAPTER	METHODOLOGY	LEARNING OUTCOMES	
Work and Energy	 Demonstration and Lecture method Pupil centered method (inside the class) 	 The students will be able to understand- Work done in different condition Types of Energy Relation between mass and velocity 	

		Numerical problems
MONTH-NOVEMBER		NO. OF WORKING DAYS- 24
CHAPTER	METHODOLOGY	LEARNING OUTCOMES
Structure of Atoms	 Demonstration and Lecture method Pupil centered method (inside the class) 	 Students will be able to Appreciate efforts of scientist Clear the concept of valency and ions. write electronic configuration.
Work and Energy	 Demonstration and Lecture method Pupil centered method (inside the class) 	 The students will be able to understand- Work done in different condition Types of Energy Relation between mass and velocity Numerical problems
Why do we fall ill	 Demonstration and Lecture method Pupil centered method (inside the class) 	Students will be aware of different diseases and will know the importance of being healthy
MONTH - DEC	EMBER	NO. OF WORKING DAYS- 26
		REVISION AND III PERIODIC
MONTH- JANUARY	PRACTICE EXAMS	
MONTH- FEB - MARCH	ANNUAL EXAMS	

SOCIAL STUDIES

LEARNING OBJECTIVES

- 1.To understand the location of India in the globe and size of our country
- 2. To identify the longitudes and latitudes passing through India
- 3. To understand the requirement and significance of IST.
- 4. Develop map skills to identify various states in India and neighboring countries
- 5. To familiarize the farming methods and situations of typical Indian villages
- 6.To make them aware of importance of education and health for the advancement of the country.
- 7. Understand the needs of conservation of Resources
- 8. Appreciate and understand the ideals of Liberty, equality, Fraternity, Socialism, Communism, etc
- 9. Appreciate the making of Indian constitution
- 10. To make them aware of our Democratic Rights

MONTH AND NO. OF WORKING DAYS-(APRIL -23 DAYS)

	T		
SL.NO.	CHAPTER	METHODOLOGY	LEARNING OUTCOMES
1	INDIA- SIZE AND LOCATION	Explanation method followed by a video. Link https://youtu.be/qJYIEzLZ9hl	Understands the location and size of India Realize the contribution of India to the world
2	THE STORY OF VILLAGE PALAMPUR	Story telling method and interaction with students	Understands the economic activities of a village
3	PEOPLE AS A RESOURCE	Discussion method Web chart showing Economic activities and non economic activities, Quality of population, types of unemployment.	Students realize that population is an asset and not liability. People can contribute to nation building if they are educated and physically fit

Month and no. of working days (MAY -23 DAYS)

SL.NO	CHAPTER	METHODOLOGY	LEARNING OUTCOMES
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1	PHYSICAL FEATURES	Explanation method cum	Understands the major land
	OF INDIA	Discussion method about the	form features and their
		landscape followed by video.	advantages to Indian nation
		https://youtu.be/pi7CKZ5WKp	
		<u>4</u>	
		MAP ACTIVITY	
2	DRAINAGE	Explanation , Map Activity	Identifies the Himalayan and
		and KAHOOT	peninsular rivers
			Understands the importance
			of rivers and Lakes
3	WHAT IS DEMOCRACY	Interaction method	Realizes the features of
	&WHY DEMOCRACY		Democracy and other types
			of Government through the
			examples of various countries

MONTH AND NO.OF WORKING DAYS (JULY - 25)

		(00-1 -0)	
SL.NO	CHAPTER	METHODOLOGY	LEARNING OUTCOMES
1	FRENCH REVOLUTION	Story Telling method	Knows the persons who
		Dramatization of scenes	inspire the world through the
			Revolution.
			Appreciate the ideals of
			Liberty, equality and fraternity
2	CONSTITUTIONAL	Discussion method.	Develops respect for the
	DESIGN	Flow chart showing ideals of	constitution and appreciation
		Indian constitution. Quiz	for the constitutional values
		through Kahoot	
3	POVERTY	Story Telling method and	Realizes the causes,
		Discussion method	symptoms of the poverty.
			Appreciates the steps taken
			by the govt. to alleviate
			poverty.

MONTH AND NO. OF WORKING DAYS (AUGUST-22)

SL.NO.	CHAPTER	METHODOLOGY	LEARNING OUTCOMES
1	CLIMATE	Explanation method with interaction method Map Activity	Identifies the factors determining the climate Familiarize the Features of different seasons and its impact on the lives of people
2	SOCIALISM IN	Story Telling method	Understands the socio –

	EUROPE- RUSSIA	Explanation method	economic situations under
		Map Activity	Tsar rule
			February revolution and
			October Revolution
			Russia under Lenin and
			Stalin
3	POPULATION	Lecture method and	Understands the various
		Interaction method	economic activities, Age
		Map Activity	composition, Factors of
			Population change

MONTH AND NO.OF WORKING DAYS (SEPTEMBER 14)

SL.NO	CHAPTER	METHODOLOGY	LEARNING
			OUTCOMES
1	RISE OF	Story Telling method	Understands the
	HITLER &	Explanation method followed	features of Nazism
	NAZISM	by VIDEO	Its impact on Jews&
		https://youtu.be/W0dWVGkruu8	other Undesirables &
			the world

MONTH AND NO. OF WORKING DAYS (OCTOBER-21)

			-
SL.NO	CHAPTER	METHODOLOGY	LEARNING OUTCOMES
1	WORKING OF	Explanation method	Understands the Central
	INSTITUTIONS		Governmental structures.
2	NATURAL	Web chart showing	Identifies the nature of
	VEGETATION	major types of	diverse vegetation types.
	&WILD LIFE	vegetation	Appreciates the steps
		Explanation method.	taken by the govt.to
			conserve Flora and Fauna

MONTH AND NO. OF WORKING DAYS (NOVEMBER 20)

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SL.NO.	CHAPTER	METHODOLOGY	LEARNING OUTCOMES
1	FOREST SOCIETY&	Discussion method &	Understands the social &
	COLONIALISM	Story Telling Method	cultural world of Forest
			communities and their
			revolts against exploitation
			done by the colonial
			masters

MONTH AND NO. OF WORKING DAYS (DECEMBER 25 DAYS)

SL.NO. CHAPTER METHODOLOGY LEARNING OUTCOM	/IES
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1	DEMOCRATIC	Interaction method	Appreciates the Rights of
	RIGHTS	Flow chart of	citizens
		fundamental Rights	
2	FOOD SECURITY	Flow showing	Appreciate the role of
		Poverty Alleviation	govt. in ensuring food
		Programs.	security.
		Explanation method	

MONTH AND NO. OF WORKING DAYS (JANUARY 16 DAYS)

SL.NO.	CHAPTER	METHODOLOGY	LEARNING OUTCOMES
1	ELECTORAL	Interaction method	Familiarize with our
	POLITICS		electoral system

COMPUTER SCIENCE

Learning objectives:-

- 1. To make the students aware about the importance of web designing in the field of Computers .
- 2. To make them understand the different types of devices used and their importance.
- 3. Comprehend the relation between user and a computer.
- 4. To be able to use the HTML as a Computer Language.

MONTH -(April)

S.NO	CHAPTER	METHODOLOGY	LEARNING OUTCOMES
1.	L-1 Introduction to Html	Lecture Method Powerpoint Presentation and videos	Students will be able know the History of Html, Uses of internet and its features.

MONTH -(May)

S.NO	CHAPTER	METHODOLOGY	LEARNING
			OUTCOMES
1.	L-2 Creating HTML documents	Lecture Method In Practical Session students will be explained the various tags by creating the HTML tags.	Students will be able to know about the types of tags and its usage.

MONTH –(July)

S.NO	CHAPTER	METHODOLOGY	LEARNING OUTCOMES
1.	L-3 Working with text in HTML	Lecture Method In Practical class Various tags will beexplained like tag tag, <comment tag=""> etc</comment>	Students will be able to create short programs in HTML.

MONTH –(August)

S.NO	CHAPTER	METHODOLOGY	LEARNING OUTCOMES
1.	L-4 Text Formatting	1. Lecture Method 2. In Practical students will be explained how to use the font tag and ^{and _{tags}}	Students will be able to format the HTML documents and make the text attractive.

MONTH –(September)

Practical Exam will be conducted

MONTH -(October)

S.NO	CHAPTER	METHODOLOGY	LEARNING OUTCOMES
1.	L-5 Working with Lists	Lecture Method In Practical students will be shown how to crete the types of list and .	Students will be able to insert lists in HTML.

MONTH -(November)

S.NO	CHAPTER	METHODOLOGY	LEARNING OUTCOMES
1.	L-7 Using Images and Linking Web Pages.	Lecture Method In Practical class students will be explained how to insert images and link the web pages	Students will be able to format the file and use the various tools.

MONTH -(December)

S.NO	CHAPTER	METHODOLOGY	LEARNING OUTCOMES
1.	L-8 Introduction to HTML tables.	Lecture Method In practical class the students will be taught how to insert html tags	Students will be create/insert tables in HTML.

MONTH –(January)

S.NO	CHAPTER	METHODOLOGY	LEARNING OUTCOMES
1.	Talk on cybersecurity and Cybercrime	Lecture Method Showing videos and presentation	Students will be able to know the importance of safeguarding their files on computers and protect themselves from hackers.

MONTH – (February)

Practical Exam will be conducted

MUSIC

LEARNING OBJECTIVES:

- (1) Learn vocal music.
- (2) Definitions, descriptions and notation in hindi and English.

TERM I

CONTENT	METHODOLOGY	LEARNING OUTCOME
APRIL:- 27 Periods Definitions:- Sangeet, Dhwani, Naad, Shruti.	Lecture, Method and writing of raag Yaman notation.	Students will learn short definitions. Developing singing skills.
Swar, Saptak, Alankar, Sam, Taali-Khaali, Aaroh, Avaroh, Pakad, Vaadi-Samvaadi.		
Introduction of raag Yaman		
PRACTICAL:-		
Aaroh, Avaroh, Pakad and Drutkhyal of raag Yaman.		
MAY:- 21 Periods		
Notation system of Pandit VN Bhatkhande.	Lecture, Method and writing of complete notation system.	Students will learn the way of writing notation system.
PRACTICAL:-		
Aaroh, avaroh, pakad and Drutkhyal of raag Alhaiya Bilawal.		

JULY:- 14 Periods	Lecture, Method and writing of	Developing rhythemic sense
Ability to write taal notation with thah and dugun.	Taal notation.	of sur and taal.
Taal: Dadra, Teentaal		
PRACTICAL:-		
Recitations of thekas with thah and dugun of taal Dadra and Teentaal.		
One swarmalika and lakshangeet in raag Yaman.	Lecture, Method and writing in notation of raag.	Developing the sense of swar.
AUGUST:- 18 Periods		
Writing in notation the composition in raag Yaman and Alhaiya Bilawal.		
PRACTICAL:-		
One swarmalika and lakshangeet in raag Alhaiya Bilawal.	Lecture and demo method.	
Identify of raag rendered by the examiner.		Developing singing skills.
SEPTEMBER:-		
Repitition of syllabus from April to August.		

TERM II

CONTENT	METHODOLOGY	LEARNING OUTCOME
OCTOBER:- 12 Periods	Lecture method and writing notes	Students will learn definitions.
Definitions: Thaat, jaati, laya, taal, matra, vibhaag, avartan.		Developing singing skills.
PRACTICAL:-		
Two alankaars set in raag and taal.		
One swarmalika in raag Kaafi.		
	Writing of definitions, lecture method	
NOVEMBER:-18 Periods		Student will learn definitions
Definitions of Anuwaadi, vivaadi, swarmalika, lakshangeet, khyal		Developing singing skills.
PRACTICAL:-		
One lakshangeet in raag kaafi.		
One devotional song.	Writing in notation and description, lecture method.	
DECEMBER:- 22 Periods		Student will learn definitions.
Writing in notation the composition and description of raag Kaafi.		Developing singing skills.
PRACTICAL:-		
Aaroh, avaroh, pakad and drutkhyal of raag	Lecture and demo method.	

kaafi. Students will learn layakari. Developing the sense of JANUARY:- 11 Periods taal beats. Description and ability to do taal notation of taals with thah and dugun Taal: keherwa taal, ektaal PRACTICAL:-Recitation of thekastaals Witing in notation system, lecture and with thah and dugun demo method. with handbeats. Taal: Keherwa taal and Student will learn the ektaal. notation system. FEBRUARY:- 17 Knowledge of swars. Periods Notation system of V.D. Paluskar. PRACTICAL:-Identify of raag of swar rendered by examiner. One folk song.

ART AND CRAFT AND HOMESCIENCE

Art and craft - To create love for environment by making best out of waste with the help of recyclable things, create awareness for the waste reduction and promote reuse of bottles, canes, paperetc. Use of vegetable dyes instead of chemical dyes which were used earlier in India.

Culinary art-

Learning objectives: It is to have affective multi dimensional growth of students which will impact physically, intellectually and enhance knowledge techniques ,ethics and nutritive values of food and the presentation skill also.

These activities help the students to choose the career in future.

1st Term

2 101111			
April			
Flower Vase with Pepsi bottle			
Flowers with paper and glitter sheets			
Мау			
Fountain with cup and saucers			
Textures			
July			
Tie and Dye			
Wall paintings with glue sticks			
August			
Newspaper art			
Bottle decoration			
September			
Lippon Art			
Diwali Diyas			
Culinary Arts IInd term			
October			
Dhokla			
Kajun Potato			
November			
Steamed Sandesh			
Biscuit Cake			
December			
Tomato Soup			
Vegetable Potli			
January			
Pav Bhaji			

The students are able to develop the aesthetic sense ,appreciate the beauty in lines ,forms and colours.

The students will get to know the wide range of artistic impressions, the media and tools used. the students would be acquainted with brief glimpses of the development of Indian Visual Art.

I Term April

	April			
Theory	Practical			
Introduction to Art	Lines and Shades			
Elements of Art				
May				
Theory	Practical			
Principles of Arts	Object Drawing			
Tools of Arts				
July				
Theory	Practical			
Dancing Girl	Still Life			
Wizard's Dance				
Three Girls				
August				
Theory	Practical			
Sun Temple	Fruits, Vegetables And flowers			
Char Minar				
Alpana				
September				
Theory	Practical			
Revision	Completion of File			
October II Term				
Theory	Practical			
Yaksha Yakshi	Trees, Birds			
Mandana				
November				
Theory	Practical			
Revision	Animals, Transport			
December				
Theory	Practical			
Revision	Compositions			
January				
Theory	Practical			
Revision	Completion of Portfolio			