

ANNUAL SYLLABUS PLAN 2024-25

CLASS: IX

SUBJECT: ENGLISH

SUBJECT TEACHERS: Ms Vidya Esther and Ms Tanuja Domber

Month	No. of Periods	Lesson No	Title of the Lesson	Teaching Methods	Activities*	Learning Objective
JUNE	5	1	Prose: The Fun they had	*Contextual	*Report writing on use of digital services	*Comprehend the theme
	6	2	The sound of music	*Information based	*Speaking Skill Activity:- Introducing a guest	*Get inspiration from the real life experiences
	4	1	Poetry: *The Road not taken	*Traditional	*Group discussion	*Students will cultivate interest in poetry and adapt with the poetic forms.
		2	*Wind	*Traditional	*Gather info on windmills	
	4	Lit- 1	The Lost Child (S)	*Interactive	*Writing Activity: List out points to ensure how not to get lost.	*Appreciate a literary piece and understand the genre.
JULY	5	3	The little girl (Prose)	*Contextual	*Make a pin cushion Write a paragraph on childhood	*Comprehend content and develop LSRW Skills
	2	2	*Rain on the roof (P)	*Interactive	* Recites the poem in the class.	*Students will cultivate interest in poetry and adapt with the poetic forms.
Periodic Test 1 - 18-07-2024 to 24-07-2024						
JULY	2	4	The Lake Isle of Innisfree	*Traditional	* Recites the poem in the class	*Students will cultivate interest in poetry and adapt with the poetic forms.

JULY	5	5	The Snake and the Mirror	*Interactive	Write a story on any frightening incident	
AUGUST	4	4	A truly beautiful mind	* Inquiry based	*List out significant scientists and their inventions or discoveries	*Gain knowledge about Isaac Newton and his theories.
	3	4	*A legend of the Northland (P)	*Traditional	*Share a Ballad	*Comprehend the theme and appreciate poetry.
	3	Lit- 2	The Adventures of Toto (S)	*Interactive	*Speaking: Talk about your pet.	*Read for comprehension and humour
	3	Lit - 3	Ishwaran the Storyteller	*Traditional	* Story narration	*Read for comprehension and expression.
	4	Lit -4	In the Kingdom of fools (S)	*Interactive	*Read a story or folk tale on wise fools and narrate to the class.	*Read for comprehension and humour
SEPTEMBER	5	5	*My Childhood (prose)	*Traditional	*Write a paragraph on: I am a citizen of the world.	*Gain knowledge on Abdul Kalam and read with understanding.
	4	Lit – 4	The Happy Prince (S)	*Traditional	Speaking: The need of humanness	*Develop language skills.
	2	6	*No men are foreign (P)	*Contextual	*Writing:Thoughts on sharing and caring	*Will be adapt with poetic forms, rhyme and rhythm.

Periodic Test 2 - 19/09/2024 to 01/10/2024

Mid Term Break

OCTOBER	6	8	*Reach for the top (prose)	*Contextual	*List out 5 significant personalities and their achievements.	*Read for comprehension & expression.
	2	8	*On killing a tree (P)	*Traditional	*Recitation	*Will be adapt with poetic forms,rhyme and rhythm.
	5	Lit- 7	The Last leaf (S)	*Discussion	*Speaking : Walk the extra mile	*Will be adapt with poetic forms,rhyme and rhythm.
NOVEMBER	4	Lit – 8	A House is not a home (S)	*Interactive	*Discussion: Challenges of being a teenager	*Read for comprehension & expression.
	4	10	Kathmandu	Interactive	*Discussion: Geographical features	* Read for comprehension & expression.
	3	10	A Slumber Did My Spirit Seal	*Contextual	*Writing:Thoughts on caring	*Will be adapt with poetic forms, rhyme and rhythm.
DECEMBER	5	11	*If I were you (drama)	*Activity based/CLT	*Role play	*Read for comprehension & expression.
	4	Lit- 10	The Beggar (S)	*Interactive	*Discussion: We are the makers of our destiny.	* Real life situations *Develop language skills

Periodic Test 3 - 06/01/2025 to 11/01/2025

Final Exam - 17.02.2025 to 28.02.2025

ANNUAL SYLLABUS PLAN 2024-25

CLASS: IX

SUBJECT: Hindi

TEACHERS: Ms Sylvia Leena Amanna, Ms Vijayalaxmi

मास	अवधि	पाठ संख्या	पाठ का शीर्षक	शिक्षण विधियाँ	गतिविधियाँ*	सीखने के प्रतिफल
जून	5	1	दुःख का अधिकार (स्पर्श भाग)	<ul style="list-style-type: none"> प्रस्तावना : लेखक यशपाल का परिचय देते हुए पाठ का आरंभ। पाठ का मौन वाचन और वस्तु निष्ठ प्रश्न पूछना पाठ का विवरण प्रश्नोत्तर विधि/पुनरावलोकन मूल्यांकन <p>संदर्भ ग्रंथ : एन.सी.ई.आर.टी पाठ्यपुस्तक – स्पर्श</p>	<ul style="list-style-type: none"> नए शब्दों के लिए शब्दकोश से सही अर्थ चुनेंगे। शब्द-युग्मों को पहचानकर सूची तैयार करेंगे। व्यक्ति की पहचान उसकी पोशाक से होती है या नहीं। इस विषय पर परिचर्चा। 	<ul style="list-style-type: none"> अंधविश्वास जैसी सामाजिक मुद्दों पर अपनी राय व्यक्त करते हैं। शब्द भंडार की वृद्धि करते हैं। शुद्ध उच्चारण के साथ पठन क्षमता का विकास करते हैं। पठित भाग के आधार पर एक निष्कर्ष निकालते हैं।
जून	5	7	रैदास – अब कैसे छूटे.. . (स्पर्श भाग)	<ul style="list-style-type: none"> रैदास का जीवन परिचय दोहे का सस्वर वाचन और समूहिक चर्चा प्रचलित और पुराने शब्दों का उल्लेख करना। पुनरावलोकन/मूल्यांकन <p>संदर्भ ग्रंथ : एन.सी.ई.आर.टी पाठ्यपुस्तक – स्पर्श</p>	<ul style="list-style-type: none"> कविता का संपूर्ण भावार्थ अपने शब्दों में लिखेंगे। प्रश्न अभ्यास कार्य स्वयं करेंगे। अन्य भक्ति कवियों की रचनाओं का संग्रहण। 	<ul style="list-style-type: none"> निर्गुण भक्तिधारा के कवि रैदास का परिचय प्राप्त करते हैं। तर्कपूर्ण विचारधारा के साथ भाव संप्रेषण शुद्ध उच्चारण के साथ पठन क्षमता का विकास कबीर की या अन्य रचनाओं को पढ़ने और समझने में उत्सुकता दिखाते हैं।
			गिल्लू	<ul style="list-style-type: none"> महादेवी वर्मा जी का जीवन परिचय से पाठ का आरंभ मौन वाचन कराना और प्रश्नोत्तर विधि पाठ का सस्वर वाचन तथा 	<ul style="list-style-type: none"> अपने किसी पालतू जानवर के विषय में लिखिए। हिंदी में ज्ञानपीठ विजेताओं की सूची 	<ul style="list-style-type: none"> महादेवी के जीवन से परिचित होते हैं। पाठ का सारांश अपने शब्दों में देते हैं। शुद्ध उच्चारण के साथ पठन क्षमता का विकास महादेवी वर्मा की अन्य कहानी पढ़ते हैं।

जून	5	1	(संचयन भाग)	विवरण देना • पुनरावलोकन संदर्भ ग्रंथ : एन.सी.ई.आर.टी पाठ्यपुस्तक – संचयन	बनाकर प्रस्तुत करना ।	• अपनी कल्पना से कहानी आदि लिखने में सक्षम होते हैं ।
जुलाई	8	2	एवरेस्ट: मेरी शिखर यात्रा (स्पर्श भाग)	• बचेद्री पाल के परिचय से पाठ का आरंभ किया जाएगा। • मौन वाचन और प्रश्नोत्तरी • पाठ का सस्वर वाचन और विवरण • प्रश्नोत्तर विधि • पुनरावलोकन/मूल्यांकन संदर्भ ग्रंथ : एन.सी.ई.आर.टी पाठ्यपुस्तक, पी.पी.टी. प्रस्तुतीकरण	• पाठ के अभ्यास कार्य करेंगे। • भारत की प्रसिद्ध महिला के बारे में जानकारी एकत्रित करना	• बचेद्री पाल के सफल जीवन की कहानी को समझते हैं । • समन्वय की भावना को प्रदर्शित करते हैं। • काम विराम-चिह्न, काल, विलोम शब्द आदि की पहचान करते हैं । • सामाजिक मुद्दों जैसे जेंडरभेद, जाति भेद पर अपनी राय व्यक्त करते हैं।

प्रथम आवधिक परीक्षा – First Periodic Test 18-07-2024 to 24-07-2024

जुलाई/ अगस्त	5	8	रहीम के दोहे (स्पर्श भाग)	• रहीम के परिचय से पाठ का आरंभ • लयात्मक ढंग से दोहे का वाचन • दोहे का शाब्दिक और भावार्थ सरल शब्दों में समझाना • प्रश्नोत्तर विधि • पुनरावलोकन/मूल्यांकन संदर्भ ग्रंथ : एन.सी.ई.आर.टी पाठ्यपुस्तक – स्पर्श	• प्रश्न अभ्यास कार्य करेंगे। • मन पसंद किसी दो दोहे का गायन और भावार्थ समझना।	• नीतिपरक दोहे को अपने जीवन में अनुप्रयोग करते हैं । • नए शब्दों के लिए शब्दकोश में अर्थ खोजते हैं । • पठित वस्तु का सारांश तैयार करेंगे । • दोहे के भाव को जीवन से जोड़कर समझते हैं ।
अगस्त	5	2	स्मृति (संचयन भाग)	प्रस्तावना : लेखक श्रीराम शर्मा जी का जीवन परिचय से अवगत होंगे । पाठ को पढ़कर बारीकी से विश्लेषण करना । • नए शब्दों की जानकारी देना। • प्रश्नोत्तर विधि • पुनरावलोकन/मूल्यांकन	• कौन से साँप विषैले होते हैं? उनके चित्र एकत्र कीजिए और भित्ति पत्रिका में लगाइए । • नए शब्दों के अर्थ जानना	• मूक जानवरों के प्रति दया की भावना का निर्माण करता है। • शब्द भंडार की वृद्धि करते हैं । • शुद्ध उच्चारण के साथ पठन क्षमता का विकास • अपने साथियों की भाषा, उनके विचार, व्यवहार, खान पान, पहनावा संबंधी जिज्ञासा को कहकर और लिखकर व्यक्त

				संदर्भ ग्रंथ : एन.सी.ई.आर.टी पाठ्यपुस्तक (संचयन)		करते हैं।
अगस्त	5	3	तुम कब जाओगे, अतिथि (स्पर्श भाग)	<p>प्रस्तावना :लेखक शरद जोशी के परिचय से पाठ का आरंभ करेंगे ।</p> <ul style="list-style-type: none"> पाठ का सस्वर वाचन करना और विवरण देना लघु प्रश्न निर्माण Fan-n-Pick के माध्यम से करना पुनरावलोकन/मूल्यांकन <p>संदर्भ ग्रंथ : एन.सी.ई.आर.टी पाठ्यपुस्तक (स्पर्श)</p>	<ul style="list-style-type: none"> पाठ्यपुस्तक अभ्यास कार्य करेंगे। नए शब्दों के अर्थ जानना विद्यार्थी अपने घर आए अतिथियों के सत्कार का अनुभव कक्षा में सुनाएँगे। 	<ul style="list-style-type: none"> अच्छे अतिथि के गुण की पहचान करते हैं । अतिथि के स्वभाव जानकर एक निष्कर्ष निकालते हैं । शुद्ध उच्चारण के साथ पठन क्षमता का विकास। पाठ के आधार पर घर आने वाले मेहमान की मेहमाननवाज़ी कैसे करेंगे इस पर आलोचना करते हैं ।
अगस्त	5	11	गीत अगीत (कविता)	<ul style="list-style-type: none"> कवि रामधारी सिंह दिनकर जी के परिचय से पाठ का आरंभ लयात्मक ढंग से कविता का वाचन कविता का शाब्दिक और भावार्थ सरल शब्दों में समझाना पुनरावलोकन/मूल्यांकन <p>संदर्भ ग्रंथ : एन.सी.ई.आर.टी पाठ्यपुस्तक – स्पर्श</p>	<ul style="list-style-type: none"> प्रकृति और मानव के बीच का संबंधों का वर्णन करता है। कविता का पठन और गायन करते हैं। पशु पक्षियों का दैनिक जीवन और प्रकृति के साथ उनका संबंध पर चर्चा करेंगे । 	<ul style="list-style-type: none"> प्रकृति की सुंदरता का आनंद उठाएँगे । प्रकृति के साथ पशु- पक्षियों का संबंध पर चिंतन कर सकेंगे। स्वयं कविता गढ़ने का प्रयास करते हैं ।
सितंबर	6	4	वैज्ञानिक चेतना के वाहक चंद्रशेखर वेंकट रामन् (स्पर्श भाग)	<p>प्रस्तावना : पूर्वज्ञान के आधार पर भौतिकी शास्त्र पर प्रकाश डालते हुए पाठ का आरंभ</p> <ul style="list-style-type: none"> लेखक का परिचय पाठ का विवरण/विश्लेषण वस्तु निष्ठ प्रश्न पूछना पुनरावलोकन/मूल्यांकन <p>संदर्भ ग्रंथ : एन.सी.ई.आर.टी पाठ्यपुस्तक वीडियो, पी.पी.टी. प्रस्तुतीकरण</p>	<ul style="list-style-type: none"> Fish bone – diagram के माध्यम से सर वेंकट रामन के आदर्श जीवन चरित्र को आत्मसात करेंगे। नए शब्दों के अर्थ खोजना। भारतीय वैज्ञानिकों की जानकारी हासिल करना । 	<ul style="list-style-type: none"> सी.वी. रामन के चरित्र को समझते हैं । भारतीय वैज्ञानिकों के नाम तथा कार्यों से कुछ अंशों में अवगत होंगे । अपने शब्द भंडार की वृद्धि कर सकेंगे । भारतीय संस्कृति और सभ्यता का महत्व समझेंगे ।

द्वितीय आवधिक परीक्षा – Second Periodic Test 19-09-2024 to 01-10-2024

अक्तूबर	6	6	शुक्रतारे के समान	<p>प्रस्तावना :स्वामी आनंद के परिचय से पाठ का आरंभ किया जाएगा।</p> <ul style="list-style-type: none"> • मौन वाचन और वस्तु निष्ठ प्रश्न • पाठ का विवरण और विश्लेषण • प्रश्नोत्तर विधि • पुनरावलोकन/मूल्यांकन <p>संदर्भ ग्रंथ : एन.सी.ई.आर.टी पाठ्यपुस्तक (संचयन) वीडियो, पी.पी.टी. प्रस्तुतीकरण</p>	<ul style="list-style-type: none"> • पाठ का सारांश अपने शब्दों में लिखना • सही उच्चारण के साथ उच्च स्वर में पठन करना • नए शब्दों के अर्थ जान लेंगे । 	<ul style="list-style-type: none"> • महादेव भाई के जीवन का संक्षिप्त परिचय प्राप्त कर सकेंगे । • नए शब्दों के अर्थ समझकर अपने शब्द भंडार में वृद्धि करते हैं । • नैतिक मूल्यों की ओर प्रेरित होते हैं ।
नवंबर	5	12	अग्नि पथ	<p>प्रस्तावना :कवि परिचय से कविता पाठन आरंभ किया जाएगा।</p> <ul style="list-style-type: none"> • कविता का सस्वर वाचन • कविता की व्याख्या समझाना • नए शब्दों के अर्थ बताना • प्रश्नोत्तर विधि • पुनरावलोकन/मूल्यांकन <p>संदर्भ ग्रंथ : एन.सी.ई.आर.टी पाठ्यपुस्तक वीडियो ।</p>	<ul style="list-style-type: none"> • कविता के नए शब्दों का परिचय • कविता की व्याख्या अपने शब्दों में लिखेंगे । • प्रश्न अभ्यास कार्य करेंगे 	<ul style="list-style-type: none"> • जीवन को संघर्षमय समझना • सुख की अपेक्षा न करना • नए शब्दों से अवगत होना • प्रेरणास्पद कविता को पढ़ना
नवंबर	5	3	कल्लू कुम्हार की उनाकोटी	<p>प्रस्तावना :लेखक विक्रम सिंह के परिचय से पाठ का आरंभ किया जाएगा।</p> <ul style="list-style-type: none"> • मौन वाचन औ वस्तु निष्ठ प्रश्न • पाठ का विवरण और विश्लेषण • प्रश्नोत्तर विधि • पुनरावलोकन/मूल्यांकन <p>संदर्भ ग्रंथ : एन.सी.ई.आर.टी पाठ्यपुस्तक (संचयन)</p>	<ul style="list-style-type: none"> • नए शब्दों के अर्थ जान लेंगे । • सही उच्चारण के साथ उच्च स्वर में पठन करना • प्रश्न – अभ्यास कार्य करेंगे। 	<ul style="list-style-type: none"> • अपने अनुभवों को लिखने की कला का विकास करेंगे । • शब्द ज्ञान की वृद्धि कर सकेंगे । • भारतीय इतिहास और पुराण में अंतर जानते हैं ।

नवंबर/ दिसंबर	4	4	मेरा छोटा सा निजी पुस्तकालय	<p>प्रस्तावना लेखक परिचय से पाठ का आरंभ</p> <ul style="list-style-type: none"> मौन वाचन औ वस्तु निष्ठ प्रश्न पाठ का विवरण और विश्लेषण प्रश्नोत्तर विधि पुनरावलोकन/मूल्यांकन <p>संदर्भ ग्रंथ : एन.सी.ई.आर.टी पाठ्यपुस्तक (संचयन)</p>	<ul style="list-style-type: none"> प्रश्न – अभ्यास कार्य करेंगे। पाठ का सारांश अपने शब्दों में लिखना सही उच्चारण के साथ उच्च स्वर में पठन करना नए शब्दों के अर्थ जान लेंगे। 	<ul style="list-style-type: none"> अपने शब्द भंडार की वृद्धि करना पुस्तक के प्रति रुचि रखते हैं। चरित्र निर्माण में पुस्तकों का योगदान को समझते हैं। लेखक के उद्देश्य से अवगत होते हैं।
दिसंबर	4	13	<ul style="list-style-type: none"> नए इलाके में खुशबू रचते हैं हाथ (स्पर्श भाग) 	<p>प्रस्तावना :कवि अरुण कमल के परिचय से कविता पाठन आरंभ किया जाएगा।</p> <ul style="list-style-type: none"> कविता का सस्वर वाचन कविता की व्याख्या समझाना नए शब्दों के अर्थ बताना प्रश्नोत्तर विधि पुनरावलोकन/मूल्यांकन <p>संदर्भ ग्रंथ : एन.सी.ई.आर.टी पाठ्यपुस्तक वीडियो, पी.पी.टी. प्रस्तुतीकरण</p>	<ul style="list-style-type: none"> कविता के नए शब्दों का परिचय कविता की व्याख्या अपने शब्दों में लिखेंगे। आधुनिक युग की दिनचर्या पर चर्चा करेंगे। प्रश्न अभ्यास कार्य करेंगे 	<ul style="list-style-type: none"> बुजुर्गों का सम्मान करना। शब्द ज्ञान की वृद्धि करते हैं। अपने आस-पास के रोजाना बदलते पर्यावरण पर ध्यान देते हैं तथा पर्यावरण संरक्षण के लिए सचेत होते हैं। उपेक्षित वर्ग के लोगों की समस्याओं की जानकारी हासिल करके उस पर चर्चा करते हैं।

Periodic Test -III (06.01.2025 to 11.01.2025)

पुनराभ्यास (पुनरावर्तन)

Annual Examination

Annual Syllabus Plan 2024-25

CLASS: IX

TEACHER: Ms Jisha V Thomas, Ms Sheethal Roshelle Dsouza

SUBJECT: Mathematics

Month	No. of Periods	Lesson No	Title of the Lesson	Teaching Methods	Activities	Learning Outcome
June	22	2	Polynomials	Problem Solving Discussion Method	List down the examples for different type of polynomials.	The student- Identifies/classifies polynomials among algebraic expressions and factorises them by applying appropriate algebraic identities.
	6	10	Heron's formula	Activity Based Discussion Method Problem Solving	Determine area of a polygonal field by Heron's formula.	Determines area of a triangle by Heron's formula and solve application problems.
July	5	5	Introduction to Euclid's Geometry	Activity Based Discussion Method Problem Solving Demonstration	List down the examples for axioms from daily life.	Understands the meaning of axioms and postulates and give examples from daily life.
	14	6	Lines and Angles	Discussion Method Demonstration Problem Solving	List all the possible pair of angles from given parallel lines and transversal.	Recognises pair of angles, parallel lines and transversal.
Periodic Test 1: 18-07-2024 to 24-07-2024						

August	11	1	Number systems	Discussion Method Problem Solving Demonstration	Demonstrating classification of real numbers.	Applies logical reasoning in classifying real numbers, proving their properties and using them in different situations.
	16	11	Surface area and volumes	Activity Based Discussion Method Problem Solving Demonstration	finding surface area and volume of right circular cone, sphere and hemisphere of a model experimentally	Derives formulae for surface areas and volumes of different solid objects like, right circular cones, spheres and hemispheres and applies them to objects found in the surroundings.
September	12	12	Statistics	Activity Based Discussion Method Demonstration	Draw frequency polygon for a real life situation, analyse and interpret the result.	Analyses data by representing it in different forms like, bar graph, histogram, frequency polygon.
	Periodic Test 2: 19.9.2024 to 01.10.2024					
October	15	7	Triangles	Activity Based Problem Solving	Identification of congruent figures in daily life.	Analyzes congruence of triangles and criteria for congruence of triangles.
November	5	3	Coordinate geometry	Activity Based Demonstration Discussion Method	Identify coordinates of a point in a Cartesian plane.	Develops strategies to identify coordinates of a point in a Cartesian plane.
	6	4	Linear equations in two variables	Activity Based Discussion Method Problem Solving Demonstration	Form a linear equation in two variables for a real life situation and solve it algebraically.	Applies the linear equation in one or two variables concept to daily life situations. Solves a linear equation in two variables algebraically.

	13	8	Quadrilaterals	Activity Based Discussion Method Problem Solving Demonstration	List down the different types of quadrilateral objects found in the surroundings.	Classifies quadrilaterals. Recognizes properties of a parallelogram and solve problems using them.
December	6	8	Quadrilaterals (contd.)	”	”	”
	10	9	Circles	Activity Based Demonstration Discussion Method Problem Solving	verify that the opposite angles of a cyclic quadrilateral are supplementary	Learns about circles, chords and its properties. Learns about cyclic quadrilaterals and its properties.
January	Periodic Test 3: 06.01.2025 to 11.01.2025					
	10	9	Circles(contd.)	”	”	”
Revision and Preparatory Examination						
February	Revision and Annual Examination					

ANNUAL CURRICULUM PLAN (2024-25)

CLASS: IX

SUBJECT: Science

SUBJECT TEACHER: Ms Shilpa R Ballal, Ms Jevita Fernandes, Acquina Rebello

MONTH	No. of periods	Lesson No.	Title of the chapter	Teaching methods	Activities	Learning outcomes
June	10	8	Motion (Physics)	*Discussion method *Power Point presentation *Lecture cum demonstration method	*Problem solving questionnaire *Plotting graph for various types of motion *Brainstorming activity	The student: *recalls the concept taught in the previous class. *differentiates motion and rest. *analyzes that distance, displacement, velocity and acceleration is interconnected. *differentiates between different types motion and relates it daily life.
	9	5	The fundamental unit of life (Biology)	*Analytical method *Demonstration method *Power Point presentation	*Concept map *Lab Activity - To prepare a temporary mount of an onion peel cell.	The student: *analyses the history behind discovery of cells *differentiates between characteristic features of plant cell and animal cell. *identifies and explains the components and function of the plant and animal cell.
	9	1	Matter in our surroundings (Chemistry)	*Demonstration method *Inductive method *Power Point	*Conducts few simple experiments. *Case based questions	The Student: *understands the properties of solid, liquid and gases with

				<p>presentation</p> <ul style="list-style-type: none"> *Experimental method 		<p>examples.</p> <ul style="list-style-type: none"> *classifies the given substances into the three states of matter. *relates the process involved in the interchange of states of matter in daily situation. * interprets the various factors that will affect the rate of evaporation.
July	3	8	Motion (Physics)	<ul style="list-style-type: none"> *Board Work method *Demonstration method *Lecture method 	<ul style="list-style-type: none"> *Case study activities *Problem solving questions *Seminars 	<p>The student</p> <ul style="list-style-type: none"> *develops problem solving skills *calculates the given problems. * explains the relationship between force and motion.
	3	9	Force and Laws of Motion (Physics)	<ul style="list-style-type: none"> *Problem solving method *Power point presentation *Discussion method and Board Work 	<ul style="list-style-type: none"> *Concept map *Poster on Newton's laws of motion *Quiz 	<p>The student</p> <ul style="list-style-type: none"> *states Newton's three laws of motion. *cites examples for each law from daily life situations. * solves the problems using $F=ma$ formula *relates Newton's laws motion with respect to the activities in the surrounding.
	8	2	Is matter around us pure (Chemistry)	<ul style="list-style-type: none"> *Demonstration method *Analytical method *Experimental method 	<ul style="list-style-type: none"> *To find out the different examples for colloids, true solution and suspension and prepare a chart. *Case study 	<p>The student:</p> <ul style="list-style-type: none"> *differentiates the properties of homogeneous and heterogeneous mixtures. to everyday situations. *analyzes the properties of

						true solution, colloidal solution and suspension. *investigates through experiments to differentiate the different types of solutions.
	4	6	Tissues (Biology)	*Demonstration method *Power Point presentation *Discussion method	*Case based activity *Poster Making	The student: *defines tissues and its types. * differentiates between the types of plant tissues. *explains the function of each type of plant tissues.

Periodic Test 1 – 18/07/2024 to 24/07/2024

August	4	9	Force and Laws of Motion (Physics) (contd)	*Demonstration method *Analytical method	*Concept Map *Quiz *Lab Activity – Few experiments will be demonstrated by students.	The student: *identifies the proportional relationship between acceleration, net force and mass. *develops the skill of problem solving.
	8		Gravitation	*Discussion method *Power point presentation *Problem solving	*Questionnaire based on understanding, application and higher order skills	The student: *explains the gravitational force using different examples. *identifies the various applications of Archimedes principle. *understands the properties of pressure and thrust.
	10	2	Is matter around us pure (Chemistry)	*Experimental method *Power Point presentation	*Investigation Project – *Lab Activity	The Student: *Differentiates the properties of mixtures and compound

				*Inductive method		.
	11	6	Tissues (Biology)	*Discussion method *Power Point presentation *Demonstration method	*Collage work *Research based activity *Creates a flow chart on Animal tissues	The student: *analyses the importance of organ system. *identifies different types of tissues based on animals. *differentiates plant and animal tissues. *analyzes the functions of different types of animal tissues.
September	5	10	Gravitation (Floatation) (Physics)	*Discussion method *Power point presentation *Problem solving	*Model making *Questionnaire based on understanding, application and higher order skills *Lab Activity	The student: *explains the gravitational force using different examples. *identifies the various applications of Archimedes principle. *understands the properties of pressure and thrust.
	8	4	Structure of atom – (Chemistry)	*Power Point presentation *Experimental method *Discussion method	*Case study based activity *Concept map *Puzzles	The student: * understands Thomson and Rutherford’s postulates. * analyzes Bohr’s model of atom.
Periodic Test – 2: 19/09/2024 to 01/10/2024						
October	5	11	Work and energy (Physics)	*Discussion method *Lecture cum Demonstration method. *Power point presentation	*Concept map on Energy conversion in different daily life activities *List the skills and values learnt from the lesson.	The student: *differentiates between mechanical and kinetic energy. *solves the problems based on the derivations on work and energy.

	12	4	Structure of atom – (Chemistry)	*Power Point presentation *Experimental method *Discussion method	*Case study based activity *Concept map *Puzzles	The student: * will be able to write the electronic configuration of few elements. * differentiate between isotopes and isobars
November	7	11	*Work and energy(contd) – (Physics)	*Problem solving method *Discussion method	*Online quiz *Seminars based on the topics given in the chapter.	The student: *identifies various energy transformation. *explains the application of different forms of energy. *analyzes the need for conserving energy. *understands concept of conservation of energy.
	13	3	*Atoms and molecules (Chemistry)	*Lecture cum Discussion method *Demonstration method *Audio-visual method	*Investigation Project *Brain storming activity on symbols *Concept map *Concept map on different elements and its valency	The student: *compares the different postulates given by the scientist on atomic theory. *evaluates the chemical formula of different compounds. *calculates the valency, atomic number and mass number of the given element.
	3	12	Improvement in food resources (Agriculture)	*Discussion method *Demonstration method	*Quiz *Concept Map	The student: *understands the importance of crop maintenance. *identifies the different methods of farming. * compares the types of animal husbandry. *explains the importance of cattle farming, poultry

						farming, fish production and bee keeping.
December	6	12	Sound (Physics)	*Discussion method *Power point presentation *Demonstration method	*Cross word puzzle *Bell jar experiment *Brainstorming activity	The student: *explains how sound is produced. *understands the various wave related concepts like amplitude, frequency etc. *explains how sound travels and its speed.
	11	12	Improvement in food resources (Animal husbandry)	*Discussion method * Power point presentation	*Quiz *Concept Map * AIL	The student: * compares the types of animal husbandry. *explains the importance of cattle farming, poultry farming, fish production and bee keeping.
January	Periodic Test – 3: 06-01-2025 to 11-01-2025/ Revision					
February	ANNUAL EXAMINATION – 17.02.25 to 27.02.25					

**ANNUAL SYLLABUS PLAN 2024-25
CLASS: IX**

TEACHERS: Ms Laurel Dsouza, Ms Sandhya Manoj

SUBJECT: Social Science

Month	No. of Periods	Lesson No	Title of the Lesson	Teaching Methods	Activities	Learning Outcome
June	4	Geo-1	*India–size and location	Audio-visual presentation on the location, Size of India, India’s neighbours with the help of PPT.	Map activity	*Identify the location of India in the Indian subcontinent. *To locate important latitudes and Longitudes with appropriate symbols.
June	4	Eco-1	The Story of village Palampur (Assessed only for PT1)	Familiarize the factors of production	*Collect information on agriculture in the local area	*To visualize and imagine the basic concept of a village *List various factors of production
June	10	H- 1	The French Revolution	*PPT presentation *Discussion *Explanation	*Map Activity	*Familiarize the students with the different ideas that inspired revolution
June	6	SPL-1	What is Democracy?	*PPT presentation *Discussion	*Debate	*Develop the conceptual skills of defining democracy
July	5	G-2	*Physical Features of India	*Audio-video presentation on Physical features of India and map work.	* Inculcating map skills by locating important places.	*Learns about the Five different Physical features of India.
July	8	SPL-2	*Constitutional Design	*Group discussion *Oral test	Learn the Preamble of Indian constitution	*To understand the ideals of Indian constitution. • To appreciate the contribution of constitution makers.
Periodic Test I : 18.07.2024 to 24.07.2024						
August	6	G-3	Drainage	*Discussion	*identify the river system	*To distinguish the drainage systems of India

August	14	H-2	Socialism in Europe and Russian revolution	*Power point presentation *One minute talk *Discussion	*Map activity *Presenting a short news on revolution *Group discussion	*Compare and contrast the impact of revolutions
August	6	E-2	People as resource	*Collect the recent data on educational, employment growth rate	*Group discussion	*Estimates the literacy, health, employment rate
September	6	G-5	Natural Vegetation and Wildlife	*Audio visual presentation on Natural Vegetation and Wildlife.	Map Work PPT presentation by the students	*know the diverse flora and fauna as well as their distribution.
September	6	SPL-3	Electoral Politics	Debate, Discussion and explanation	Role play	*Familiarise with our electoral system and recognize the significance of the Election Commission.
September	8	G-4	Climate	*Audio visual presentation	Map work	*Identify the various factors influencing the climate and explain the climatic variation of our country and its impact on the life of the people.
September	10	E-3	Poverty as a challenge	*Describe terms-Vulnerability, social exclusion	*Discussion/debate on poverty alleviation programmes	*Explore the resources including e-content on poverty

Periodic Test-II : 19.09.2024 to 01.10.2024

October	10	H-3	Nazism and the rise of Hitler	*Discussion on the impact of World war-1 *Collect the details, newspaper clippings, posters, slogans and share it with other group through PPT	*PPT by students	*Recalls the terms, events, incidents during Hitler's regime
November	6	SPL-4	Working of	* Discussion on working of various institutions of	Group Activity	* Understand the working of various institutions of

			institutions	government		government
November	6	H-4	Forest society and colonialism(inter disciplinary activity not assessed for exam)	*Audio visual	*Discuss/PPT	*Compare & contrast the exploitation of forest by colonialists
December	6	SPL-5	Democratic Rights	*PPT presentation *Discussion *Explanation	*Group discussion	*Recognize the need for rights in one's life. · Create awareness regarding the process of safeguarding rights.
December	3	H-5	Pastoralists in the modern world(Assessed only for PT)	*PPT presentation *Intra disciplinary activity	*Find more information	*Analyse the impact on pastoralism in the modern world
December/January	10	E-4	Food security in India	*Explain Buffers stock,MSPetc	Find out more information	*Analyze the role of Government in securing food
Periodic Test 3- 6.01.2025 – 11.01.2025						
January	5	G-6	Population	*PPT presentation *Explanation	*Group discussion	*Analyze the uneven nature of population distribution and show concern about the large size of our population.
January/February – Revision						
Annual Exam for class IX -17.02.2025 – 28.02.2025						

ANNUAL SYLLABUS PLAN 2024-25

CLASS: IX

TEACHERS: Ms. Sowmya Rajan

SUBJECT: Information Technology

Month	No. of Periods	Lesson No	Title of the Lesson	Teaching Methods	Activities	Learning Outcome
June	12	1	Introduction to IT and ITeS Industry	PowerPoint Presentation	Quiz and Discussion + Role play on scenarios in IT industry	Students are able to explain Information and communication technology (ICT) and its application.
July	14	2	Data Entry and keyboarding skill	PowerPoint Presentation and Practical	Computer Lab Activities	Students are able to know about different Keys, its uses and their typing speed. Describe the various rules to be followed while performing rapid typing and state the procedure of viewing and analyzing statistics.
Periodic Test-1 (18.07.2024 to 24.07.2024)						
August	9	3	Digital Documentation	PowerPoint Presentation and Demonstration	Computer Lab Activities	Students will be able to create, edit, format and print a document. They learn to create and manage table in a document. Students also understand and apply mail merge technique.
August	6		Communication Skills	Discussion + PowerPoint Presentation	Drawing a diagram of communication cycle + Role play on communication	Students will be able to demonstrate knowledge of various methods of communication. They can differentiate between different communications

						methods – verbal, non-verbal and visual.
September	5		Communication Skills (continued)	Discussion + PowerPoint Presentation	Sharing experiences on factors affecting communication at workplace.	Identify the factors affecting our perspectives in Communication. Demonstrate the knowledge of basic writing skills.
Periodic Test-2(19.09.2024 to 1.10.2024)						
October	6		Self-Management Skills	Discussion + PowerPoint Presentation	Situation based Questions + Pair and share	Students understand the meaning of Self-management and Demonstrate the positive results of self-management. They can identify the factors that help in building self-confidence.
October - November	6	4	Electronic Spreadsheet	PowerPoint Presentation and Practical	Computer Lab Activities	Students will learn to Open, Prepare, Save and Close a Spread sheet. They can recognize the types of data in Spread sheet; understand Operators and Functions.
November	6	4	Electronic Spreadsheet (continued)	PowerPoint Presentation and Practical	Computer Lab Activities	Students are able to perform mathematical calculations by applying the formulas and know to Format the worksheet; They learn to use Auto Fill, Cell References and to insert charts.
November	5		Basic ICT skills	PowerPoint Presentation and Practical	Identify and name the various components of computer, hardware and software, primary and secondary memory, and Input, Output and Storage devices.	Students will be able to describe the role of ICT in day-today life. They can connect the World using Internet and its applications.

December	5		Entrepreneurial Skills	Discussion + PowerPoint Presentation	Identify core skills of successful entrepreneur + Recording personal entrepreneurial characteristics	Students will be able to identify various types of business activities They understand the meaning of entrepreneurship development as well as identify the roles and rewards of entrepreneurship
December	5		Green Skills	Discussion + PowerPoint Presentation	Group discussion on hazards of deteriorating Environment. Discussion on various factors that influence our environment.	Students will be able to learn the relationship between society and environment, ecosystem and factors causing imbalance. Demonstrate the knowledge of the factors influencing natural resource Conservation. Describe the importance of green economy and green Skills.
Periodic Test-3 (06.01.2025 to 11.01.2025)						
January	10	5	Digital Presentation	PowerPoint Presentation and Practical	Computer Lab Activities +	Students are able to create different presentation and do the editing to it. Also able to work with tables.
Annual Examination (17.02.2025 to 28.02.2025)						