

**REVISED ANNUAL SYLLABUS PLAN 2021-22**

**CLASS: IX**

**SUBJECT TEACHERS: Ms Vidya Esther and Ms Arunima Thulasidas**

**SUBJECT: ENGLISH**

Month	No. of Periods	Lesson No	Title of the Lesson	Teaching Methods	Activities*	Learning Outcome
JUNE	6	1	Prose: The Fun they had	*Contextual	*Report writing on use of digital services	*Comprehend the theme
		2	The sound of music	*Information based	*Speaking Skill Activity:- Introducing a guest	<b>*Get inspiration from the real life experiences</b>
		1  2	Poetry: *The Road not taken  *Wind	*Traditional  *Traditional	*Group discussion  *Gather info on windmills	*Students will cultivate interest in poetry and adapt with the poetic forms.
JULY	7	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.

		3	The little girl (Prose)	*Contextual	*Make a pin cushion Write a paragraph on childhood	*Comprehend content and develop LSRW Skills
		3	*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**

**26-07-2021 to 05.08.2021**

<b>AUGUST</b>	<b>6</b>	4	A truly beautiful mind	* Inquiry based	*List out significant scientists and their inventions or discoveries	*Gain knowledge about Isaac Newton and his theories.
		Lit- 2	The Adventures of Toto (S)	*Interactive	*Speaking: Talk about your pet.	*Read for comprehension and humour
		Lit -3	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
		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.

<b>SEPTEMBER</b>	<b>3</b>	4	*A legend of the Northland (P)	*Traditional	*Share a Ballad	*Comprehend the theme and appreciate poetry.
		Lit – 4	The Happy Prince (S)	*Traditional	Speaking: The need of humanness	*Develop language skills.

**22-10-2021 to 04-11-2021 Term 1 Exam**

**Term II**

<b>NOVEMBER</b>	<b>7</b>	7	Packing (prose)	* Interactive	*Role play	*Comprehend the content and develop language skills.
		6	*No men are foreign (P)	*Contextual	*Writing:Thoughts on sharing and caring	*Will be adapt with poetic forms, rhyme and rhythm.
		8	*Reach for the top (prose)	*Contextual	*List out 5 significant personalities and their achievements.	*Read for comprehension & expression.

		Lit- 6	Weathering the Storm in Ersama (S)	*Traditional	*Write a paragraph on animal abuse.	*Comprehend the theme
<b>DECEMBER`</b>	<b>4</b>	9	The Bond of Love (prose)	*Contextual	*Writing; care for animals	*Comprehend the theme
		8	*On killing a tree (P)	*Traditional	*Recitation	*Will be adapt with poetic forms,rhyme and rhythm.
<b>JANUARY</b>	<b>7</b>	Lit- 7	The Last leaf (S)	*Discussion	*Speaking : Walk the extra mile	*Will be adapt with poetic forms,rhyme and rhythm.
		Lit – 8	A House is not a home (S)	*Interactive	*Discussion: Challenges of being a teenager	*Read for comprehension & expression.
		11	*If I were you (drama)	*Activity based/CLT	*Role play	*Read for comprehension & expression.
		9	*The Snake Trying (P)	*Interactive	*Discussion on floods	* Comprehends the story and are able to connect it with some other real life heroes
<b>FEBRUARY</b>	<b>2</b>	Lit- 10	The Beggar (S) <b>REVISION</b>	*Interactive	*Discussion: We are the makers of our destiny.	* Real life situations *Develop language skills

<b>Preparatory Exam</b> 24.01.2022 to 04.02.2022						
<b>Final Exam</b> 24.02.2022 to 04.03.2022						

**Lessons reduced for the year 2021-22: (as per CBSE Circular)**

**Moments**

1. Iswaran the Storyteller
2. The Accidental Tourist

**Beehive**

1. The Lake Isle of Innisfree
2. The Snake and the Mirror
3. The Duck and the Kangaroo
4. Kathmandu
5. A Slumber Did My Spirit Seal

## Annual Syllabus Plan 2021-22

### CLASS : IX

**TEACHERS:** Ms Reshma Lobo, Ms Vijayalaxmi

**SUBJECT:** Hindi

TERM - I						
मास	अवधि	पाठ संख्या	पाठ का शीर्षक	शिक्षण विधियाँ	गतिविधियाँ*	सीखने के संभावित प्रतिफल
जून	3		<b>दुःख का अधिकार (स्पर्श भाग )</b>	<ul style="list-style-type: none"> <li>• प्रस्तावना :लेखक यशपाल का परिचय देते हुए पाठ का आरंभ करना।</li> <li>• पाठ का मौन वाचन और वस्तु निष्ठ प्रश्न पूछना</li> <li>• पाठ का विवरण</li> <li>• प्रश्नोत्तर विधि/पुनरावलोकन</li> <li>• मूल्यांकन</li> </ul> <p>संदर्भ ग्रंथ : एन.सी.आर.टी पाठ्यपुस्तक स्पर्श</p>	<ul style="list-style-type: none"> <li>• प्रश्न अभ्यास कार्य करेंगे।</li> <li>• व्यक्ति की पहचान उसकी पोशाक से होती है। इस विषय पर परिचर्चा।</li> </ul>	<ul style="list-style-type: none"> <li>• अंधविश्वास से ऊपर उठने के लिए शिक्षा की आवश्यकता समझेंगे।</li> <li>• नए शब्दों के अर्थ जान सकेंगे।</li> <li>• शुद्ध उच्चारण के साथ पठन क्षमता का विकास</li> <li>• अपने आस-पड़ोस के लोगों की स्कूली सहायकों की आवश्यकताओं को कह और लिख पाते हैं।</li> </ul>
जून	2	7	<b>रैदास – अब कैसे छूटे.. . (स्पर्श भाग )</b>	<ul style="list-style-type: none"> <li>• रैदास का जीवन परिचय</li> <li>• दोहे का सस्वर वाचन और समूहिक चर्चा</li> <li>• प्रचलित और पुराने शब्दों का उल्लेख करना ।</li> <li>• पुनरावलोकन/मूल्यांकन</li> </ul> <p>संदर्भ ग्रंथ : एन.सी.आर.टी</p>	<ul style="list-style-type: none"> <li>• कविता का संपूर्ण भावार्थ अपने शब्दों में लिखेंगे ।</li> <li>• प्रश्न अभ्यास कार्य स्वयं करेंगे ।</li> <li>• अन्य भक्ति कवियों की रचनाओं का संग्रहण कीजिए।</li> </ul>	<ul style="list-style-type: none"> <li>• निर्गुण भक्तिधारा के कवि रैदास का परिचय प्राप्त करेंगे।</li> <li>• तर्कपूर्ण विचारधारा के साथ भाव संप्रेषण</li> <li>• शुद्ध उच्चारण के साथ पठन क्षमता का विकास</li> <li>• कबीर की या अन्य रचनाओं को पढ़ने</li> </ul>

				पाठ्यपुस्तक स्पर्श		और समझने में उत्सुकता दिखाते हैं।
जुलाई	3	1	गिल्लू (संचयन भाग)	<ul style="list-style-type: none"> <li>महादेवी वर्मा जी का जीवन परिचय से पाठ का आरंभ</li> <li>मौन वाचन कराना और प्रश्नोत्तर विधि</li> <li>पाठ का सस्वर वाचन तथा विवरण देना</li> <li>पुनरावलोकन</li> </ul> लघु प्रश्न निर्माण Fan-n-Pick के माध्यम से करना संदर्भ ग्रंथ : एन.सी.आर.टी पाठ्यपुस्तक,	<ul style="list-style-type: none"> <li>अपने किसी पालतू जानवर के विषय में लिखिए।</li> <li>हिंदी में ज्ञानपीठ विजेताओं की सूची बनाकर प्रस्तुत करना ।</li> </ul>	<ul style="list-style-type: none"> <li>महादेवी के जीवन से परिचित होंगे।</li> <li>छोटे जानवरों के प्रति दया दिखाने की प्रवृत्ति को बढ़ाएँगे।</li> <li>शुद्ध उच्चारण के साथ पठन क्षमता का विकास</li> <li>महादेवी वर्मा की अन्य कहानी पढ़ते हैं और कविता की ध्वनि और लय पर ध्यान देते हैं।</li> </ul>
				<b>19-07-2021 to 26.07.2021</b>	<b>Periodic Test-1</b>	
जुलाई	4	2	एवरेस्ट: मेरी शिखर यात्रा (स्पर्श भाग)	<ul style="list-style-type: none"> <li>बचेंद्री पाल के परिचय से पाठ का आरंभ किया जाएगा।</li> <li>मौन वाचन और प्रश्नोत्तरी</li> <li>पाठ का सस्वर वाचन और विवरण</li> <li>प्रश्नोत्तर विधि</li> <li>पुनरावलोकन/मूल्यांकन</li> </ul> संदर्भ ग्रंथ : एन.सी.आर.टी पाठ्यपुस्तक, पी.पी.टी. प्रस्तुतीकरण	<ul style="list-style-type: none"> <li>पाठ के अभ्यास कार्य करेंगे।</li> <li>भारत की प्रसिद्ध महिला के बारे में जानकारी एकत्रित करना</li> </ul>	<ul style="list-style-type: none"> <li>बचेंद्री पाल के सफल जीवन की जानकारी पाएँगे।</li> <li>समन्वय की भावना से काम करना सीख लेंगे ।</li> <li>नमृता के साथ सफलता को स्वीकार करेंगे ।</li> <li>सामाजिक मुद्दों जैसे जेंडरभेद, जाति भेद पर अपनी राय व्यक्त करते हैं।</li> </ul>
			रहीम के दोहे	<ul style="list-style-type: none"> <li>रहीम के परिचय से पाठ का आरंभ</li> <li>लयात्मक ढंग से दोहे का वाचन</li> </ul>	<ul style="list-style-type: none"> <li>प्रश्न अभ्यास कार्य करेंगे।</li> <li>मन पसंद किसी दो दोहे का गायन और भावार्थ</li> </ul>	<ul style="list-style-type: none"> <li>नीतिपरक दोहे से जीवन मूल्यों का विकास</li> <li>दोहे के भाव को जीवन से जोड़कर समझा सकेंगे ।</li> </ul>

अगस्त	3	8	(स्पर्श भाग)	<ul style="list-style-type: none"> <li>दोहे का शाब्दिक और भावार्थ सरल शब्दों में समझाना</li> <li>प्रश्नोत्तर विधि</li> <li>पुनरावलोकन/मूल्यांकन</li> </ul> <b>संदर्भ ग्रंथ</b> : एन.सी.आर.टी पाठ्यपुस्तक, पी.पी.टी. प्रस्तुतीकरण	समझाना।	
अगस्त	4	2	स्मृति (संचयन भाग)	<b>प्रस्तावना</b> : लेखक श्रीराम शर्मा जी का जीवन परिचय से अवगत होंगे। पाठ को पढ़कर बारीकी से विश्लेषण करना। <ul style="list-style-type: none"> <li>नए शब्दों की जानकारी देना।</li> <li>प्रश्नोत्तर विधि</li> <li>पुनरावलोकन/मूल्यांकन</li> </ul> <b>संदर्भ ग्रंथ</b> : एन.सी.आर.टी पाठ्यपुस्तक (संचयन) वीडियो, पी.पी.टी. प्रस्तुतीकरण	<ul style="list-style-type: none"> <li>कौन से साँप विषैले होते हैं? उनके चित्र एकत्र कीजिए और भित्ति पत्रिका में लगाइए।</li> </ul>	<ul style="list-style-type: none"> <li>मूक जानवरों के प्रति दया की भावना रखेंगे।</li> <li>शब्द भंडार की वृद्धि करेंगे।</li> <li>शुद्ध उच्चारण के साथ पठन क्षमता का विकास</li> <li>अपने साथियों की भाषा, उनके विचार, व्यवहार, खान पान, पहनावा संबंधी जिज्ञासा को कहकर और लिखकर व्यक्त करते हैं।</li> </ul>
<b>22-10-2021 to 04-11-2021 Term 1 Exam</b>						
अक्तूबर	2	3	तुम कब जाओगे, अतिथि (स्पर्श भाग)	<b>प्रस्तावना</b> : लेखक शरद जोशी के परिचय से पाठ का आरंभ करेंगे। <ul style="list-style-type: none"> <li>पाठ का सस्वर वाचन करना और विवरण देना</li> <li>लघु प्रश्न निर्माण Fan-n-Pick के माध्यम से करना</li> <li>पुनरावलोकन/मूल्यांकन</li> </ul> <b>संदर्भ ग्रंथ</b> : एन.सी.आर.टी	<ul style="list-style-type: none"> <li>पाठ्यपुस्तक अभ्यास कार्य करेंगे।</li> <li>विद्यार्थी अपने घर आए अतिथियों के सत्कार का अनुभव कक्षा में सुनाएँगे।</li> </ul>	<ul style="list-style-type: none"> <li>अतिथि का गुण क्या होता है जानने में सक्षम हो जाएँगे।</li> <li>पर्याय शब्दों के लिए उत्तर जान लेंगे।</li> <li>शुद्ध उच्चारण के साथ पठन क्षमता का विकास</li> <li>पाठ के आधार पर घर आने वाले मेहमान की मेहमाननवाज़ी कैसे करेंगे इस पर एक लेख लिखेंगे।</li> </ul>



				पाठ्यपुस्तक ( संचयन) वीडियो, पी.पी.टी. प्रस्तुतीकरण		
<b>Term 1 Examination (19-10-2021 to 30-10-2021)</b>						
<b>TERM - II</b>						
मास	अवधि	पाठ संख्या	पाठ का शीर्षक	शिक्षण विधियाँ	गतिविधियाँ*	सीखने के संभावित प्रतिफल
नवंबर	3	10	एक फूल की चाह (स्पर्श भाग)	<p>प्रस्तावना :कवि परिचय से कविता पाठन आरंभ किया जाएगा।</p> <ul style="list-style-type: none"> <li>कविता का सस्वर वाचन</li> <li>कविता की व्याख्या समझाना</li> <li>नए शब्दों के अर्थ बताना</li> <li>प्रश्नोत्तर विधि</li> <li>पुनरावलोकन/मूल्यांकन</li> </ul> <p>संदर्भ ग्रंथ : एन.सी.आर.टी पाठ्यपुस्तक वीडियो, पी.पी.टी. प्रस्तुतीकरण</p>	<ul style="list-style-type: none"> <li>प्रश्न – अभ्यास कार्य करेंगे।</li> </ul> <p><b>रचनात्मक लेखन</b></p> <ul style="list-style-type: none"> <li>क्या जाति के आधार पर सामाजिक भेदभाव उचित हैं या नहीं लिखिए ।</li> </ul>	<ul style="list-style-type: none"> <li>समाज के सभी वर्गों के प्रति समान भाव रखने में सक्षम बनेंगे।</li> <li>नए शब्दों के अर्थ जान सकेंगे।</li> <li>शुद्ध उच्चारण के साथ कविता पठन क्षमता का विकास</li> <li>जाति, धर्म, रीति-रिवाज़, जेंडर आदि मुद्दों पर प्रश्न करते हैं।</li> </ul>
नवंबर	2	5	धर्म की आड़ (स्पर्श भाग)	<p>प्रस्तावना :पूर्वज्ञान के आधार पर धार्मिक आडंबरता पर प्रकाश डालते हुए पाठ का आरंभ</p> <ul style="list-style-type: none"> <li>लेखक का परिचय</li> <li>पाठ का विवरण/विश्लेषण</li> <li>वस्तु निष्ठ प्रश्न पूछना</li> </ul>	<ul style="list-style-type: none"> <li>प्रश्न अभ्यास कार्य करेंगे।</li> <li>Fish bone – diagram के माध्यम से धर्म में विश्वास और अंधविश्वास के गुण-दोष बताएँगे ।</li> </ul>	<ul style="list-style-type: none"> <li>सांप्रदायिक एकता का महत्त्व जानेंगे ।</li> <li>शुद्ध उच्चारण के साथ पठन क्षमता का विकास</li> <li>जाति, धर्म, रीति-रिवाज़, जेंडर आदि मुद्दों पर प्रश्न करते हैं।</li> <li>सामाजिक मुद्दों पर ध्यान देते हुए नोट लेखन पत्र लेखन इत्यादि कर पाते हैं।</li> </ul>

				<ul style="list-style-type: none"> <li>पुनरावलोकन/मूल्यांकन</li> </ul> <b>संदर्भ ग्रंथ :</b> एन.सी.आर.टी पाठ्यपुस्तक वीडियो, पी.पी.टी. प्रस्तुतीकरण		
<b>Periodic Test-3 (10-01-2022 to 22-01-2022)</b>						
दिसंबर	2	5	<b>हामिद खाँ</b> (संचयन भाग)	<b>प्रस्तावना</b> लेखक परिचय से पाठ का आरंभ <ul style="list-style-type: none"> <li>मौन वाचन औ वस्तु निष्ठ प्रश्न</li> <li>पाठ का विवरण और विश्लेषण</li> <li>प्रश्नोत्तर विधि</li> <li>पुनरावलोकन/मूल्यांकन</li> </ul> <b>संदर्भ ग्रंथ :</b> एन.सी.आर.टी पाठ्यपुस्तक ( संचयन) वीडियो, पी.पी.टी. प्रस्तुतीकरण	<ul style="list-style-type: none"> <li>प्रश्न अभ्यास कार्य करेंगे।</li> <li>पाकीस्तान औ भारत के बीच शत्रुता का क्या कारण रहा होगा और उसे कैसे मिटा सकेंगे ।</li> </ul>	<ul style="list-style-type: none"> <li>धर्म सहिष्णुता का अर्थ जान सकेंगे ।</li> <li><b>वसुधैव कुटुंबकम</b> की भावना पैदा करेंगे ।</li> <li>शुद्ध उच्चारण के साथ पठन क्षमता का विकास</li> <li>नए शब्दों का अर्थ जान सकेंगे।</li> <li>समाचारपत्र, रेडियो और टेलीविज़न पर प्रसारित होने वाले विभिन्न कार्यक्रमों की रिपोर्टों को देखते और पढ़ते हैं।</li> </ul>
दिसंबर	2	13	<b>खुशबू रचते हैं हाथ</b> (स्पर्श भाग)	<b>प्रस्तावना :</b> कवि परिचय से कविता पाठन आरंभ किया जाएगा। <ul style="list-style-type: none"> <li>कविता का सस्वर वाचन</li> <li>कविता की व्याख्या समझाना</li> <li>नए शब्दों के अर्थ बताना</li> <li>प्रश्नोत्तर विधि</li> <li>पुनरावलोकन/मूल्यांकन</li> </ul> <b>संदर्भ ग्रंथ :</b> एन.सी.आर.टी पाठ्यपुस्तक वीडियो, पी.पी.टी. प्रस्तुतीकरण	<ul style="list-style-type: none"> <li>पर्यावरण की रक्षा और स्वच्छता के लिए स्वयं कुछ सुझाव लिखेंगे।</li> </ul>	<ul style="list-style-type: none"> <li>अपने आस-पास के रोज़ाना बदलते पर्यावरण पर ध्यान देते हैं तथा पर्यावरण संरक्षण के लिए सचेत होते हैं।</li> <li>उपेक्षित वर्ग के लोगों की समस्याओं की जानकारी हासिल करके उस पर चर्चा करेंगे।</li> </ul>

जनवरी	3	6	दिए जल उठे (संचयन भाग)	<p><b>प्रस्तावना:</b> देश के वीरों के बलिदान पर चर्चा</p> <ul style="list-style-type: none"> <li>पाठ का वाचन और विवरण</li> <li>प्रश्नोत्तर विधि</li> <li>पुनरावलोकन/मूल्यांकन</li> <li>संदर्भ ग्रंथ : एन.सी.आर.टी पाठ्यपुस्तक ( संचयन) वीडियो, पी.पी.टी. प्रस्तुतीकरण</li> </ul>	<ul style="list-style-type: none"> <li>बिजली के बिना जीवन का काल्पनिक अंकण तैयार कीजिए।</li> <li>सत्याग्रह के नियम और उसूलों के बारे में जानकारी एकत्रित कीजिए।</li> </ul>	<ul style="list-style-type: none"> <li>सत्य और अहिंसा की मूर्ति महात्मा गांधी जी के व्यक्तित्व से परिचित होंगे।</li> <li>दांडी कूच की जानकारी प्राप्त करेंगे।</li> <li>अपनी भाषा की संरचना से हिंदी की समानता और अंतर को समझते हैं।</li> </ul>
<b>Term II Examination (07.02.2022 to 19.02.2022 )</b>						

### REDUCED CONTENT IN THE SYLLABUS 2021-22

Lesson No.	Title of the Lesson/Content Reduced	Reasons for dropping the Lesson/Content
<b>स्पर्श(भाग १) पाठ्यपुस्तक</b>		
4	धीरंजन मालवे :वैज्ञानिक चेतना के वाहक चंद्रशेखर वेंकट रामन	REDUCED CONTENT FROM CBSE BOARD
11	रामधारी सिंह : गीत अगीत	REDUCED CONTENT FROM CBSE BOARD
6	स्वामी आनंद : शुकृतारे के समान	REDUCED CONTENT FROM CBSE BOARD
9	नजीर अकबरा बादी :आदमी नामा	REDUCED CONTENT FROM CBSE BOARD
13	अरुण कमल : नए इलाके में	REDUCED CONTENT FROM CBSE BOARD
<b>संचयन ( भाग १) पाठ्यपुस्तक</b>		

3	कल्लू कुम्हार की उनाकोटी	REDUCED CONTENT FROM CBSE BOARD
4	मेरा छोटा सा पुस्तकालय	REDUCED CONTENT FROM CBSE BOARD

# Annual Syllabus Plan 2021-22

**CLASS: IX**

**TEACHER: SHEETHAL ROSHELLE DSOUZA**

**SUBJECT: MATHEMATICS**

Term	Month	No. of Periods	Lesson No	Title of the Lesson	Teaching Methods	Activities	Learning Outcome	
<b>Term 1</b>	<b>June</b>	10	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.	
	<b>July</b>	5	12	Heron's formula	Activity Based Discussion Method	Determine area of a polygonal field by Heron's formula.	Determines area of a triangle by Heron's formula and solve application problems.	
		9	6	Lines and Angles	Discussion Method Demonstration	List all the possible pair of angles from given parallel lines and transversal.	Understands pair of angles, parallel lines and transversal.	
	<b>Periodic Test 1: 26-07-2021 to 05-08-2021</b>							
	<b>August</b>	12	7	Triangles	Activity Based Problem Solving	Identification of congruent figures in daily life.	Analyzes congruence of triangles and criteria for congruence of triangles.	
5		1	Number systems	Discussion Method Problem Solving	Demonstrating classification of real	Applies logical reasoning in classifying real numbers, proving their properties and using them in		

					Demonstration	numbers.	different situations.
	<b>September</b>	3	1	Number systems (contd.)	”	”	”
		3	3	Coordinate geometry	Activity Based Demonstration	find hidden picture by plotting and joining the various points with given coordinates in a plane	Develops strategies to locate points in a Cartesian plane.
		<b>Periodic Test 2: 20.09.2021 to 30.09.2021</b>					
	<b>October</b>	<b>22-10-2021 to 04-11-2021 Term 1 Exam</b>					
		<b>Term-2</b>					
<b>Term 2</b>	<b>November</b>	4	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 graphically	Relates the algebraic and graphical representations of a linear equation in one or two variables and applies the concept to daily life situations.  Solves a linear equation in two variables graphically.
		4	14	Statistics	Activity Based Discussion Method Problem Solving	Draw histogram for a real life situation analyse and interpret the result.	Learns about collection of data and representation of data  Analyses data by representing it in different forms like, tabular form,

				Demonstration		bar graph, histogram.
	7	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.
<b>December</b>	8	10	Circles	Activity Based 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.
	4	11	Constructions	Demonstration	Demonstrating the construction of a triangle via videos	Constructs a triangle using the given parameters.
<b>January</b>	3	15	Probability	Activity Based Discussion Method Problem Solving	Finding experimental probability of a given real life situation.	Learns to measure the chance of occurrence of a particular outcome in an experiment.  Calculates empirical probability through experiments and describes its use in words
	<b>10.01.2022 to 18.01.2022                      Periodic Test 3</b>					
	7	13	Surface area and volumes	Activity Based Discussion Method Problem Solving Demonstration	finding formula for CSA of a right circular cylinder experimentally	Derives formulae for surface areas and volumes of different solid objects like, cubes, cuboids, right circular cylinders/ cones, spheres and hemispheres and applies them to objects found in the

							surroundings.
<b>February</b>	3	13	Surface area and volumes (contd.)	”	”	”	
	<b>Revision</b>						
<b>March</b>	<b>Term 2 Examination: 16.03.2022 to 28.03.2022</b>						

### REDUCED CONTENT IN THE SYLLABUS 2021-22

Lesson no.	Title of the lesson / Content reduced	Reason for dropping the lesson / content
1	<p><b>NUMBER SYSTEM</b></p> <ul style="list-style-type: none"> <li>• Representation of terminating / non-terminating recurring decimals on the number line through successive magnification.</li> <li>• Explaining that every real number is represented by a unique point on the number line and conversely, viz. every point on the number line represents a unique real number.</li> <li>• Definition of nth root of a real number.</li> </ul>	As per CBSE Circular
2	<p><b>POLYNOMIALS</b></p> <ul style="list-style-type: none"> <li>• Motivate and State the Remainder Theorem with examples. Statement and proof of the Factor Theorem.</li> <li>• <math>x^3+y^3+z^3-3xyz</math></li> </ul>	
3	<p><b>LINEAR EQUATIONS IN TWO VARIABLES</b></p> <ul style="list-style-type: none"> <li>• Examples, problems on Ratio and Proportion</li> </ul>	
5	<p><b>INTRODUCTION TO EUCLID’S GEOMETRY</b></p>	



7	<p><b>TRIANGLES</b></p> <ul style="list-style-type: none"> <li>• Proof of the theorem deleted- Two triangles are congruent if any two angles and the included side of one triangle is equal to any two angles and the included side of the other triangle (ASA Congruence).</li> <li>• Triangle inequalities and relation between 'angle and facing side' inequalities in triangles</li> </ul>	
9	<p><b>AREA OF PARALLELOGRAMS AN TRIANGLES</b></p>	
10	<p><b>CIRCLES</b></p> <ul style="list-style-type: none"> <li>• There is one and only one circle passing through three given non-collinear points.</li> <li>• If a line segment joining two points subtends equal angle at two other points lying on the same side of the line containing the segment, the four points lie on a circle.</li> </ul>	
11	<p><b>CONSTRUCTIONS</b></p> <ul style="list-style-type: none"> <li>• Construction of a triangle of given perimeter and base angles</li> </ul>	
12	<p><b>HERON'S FORMULA</b></p> <ul style="list-style-type: none"> <li>• Application of Heron's Formula in finding the area of a quadrilateral.</li> </ul>	
14	<p><b>STATISTICS</b></p> <ul style="list-style-type: none"> <li>• Frequency polygons.</li> <li>• Mean, median and mode of ungrouped data.</li> </ul>	

# ANNUAL CURRICULUM PLAN (2021-22): Term-wise Plan

## CLASS: IX

**SUBJECT: Science**

**SUBJECT TEACHER: Ms Shilpa R Ballal, Ms Jevita T.J, Ms Deepa Karkada, Ms Manisha Fernandes**

MONTH	No. of periods	Lesson No.	Title of the chapter	Teaching methods	Activities	Learning outcomes
<b>TERM - 1</b>						
<b>June</b>	4	8	Motion (Physics)	*Discussion method *Power Point presentation	*Problem solving questionnaire *Plotting graph for various types of motion	The Student: *Recalls the concept taught in the previous class. *Differentiates motion and rest.
<b>June</b>	4	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.

<b>June</b>	2	4	Is matter around us pure – Introduction of matter and its states (Chemistry)	*Discussion Method *Power Point Presentation	*Puzzle *Quiz	The student:  *Defines matter and its states  *Classifies different things based on the properties of their states
<b>July</b>	3	8	Motion contd. (Physics)	*Power point presentation *Demonstration method	*Case study activities *Problem solving questions	The student:  *Develops problem solving skills  *Calculates the given problems.  * Explains the relationship between force and motion.
<b>July</b>	3	9	Newton's laws of motion (Physics)	*Problem solving method *Power point presentation *Activity based	*Concept map *Poster on Newton's laws of motion	The student:  *States Newton's three laws of motion.  *Cites examples for each law from daily life situations.  * Solves the problems using $F=ma$ formula
<b>July</b>	7	2	Is matter around us	*Demonstration method	*To find out the different	The student:

			pure - Pure substances and mixtures(Chemistry)	*Analytical method *Experimental method	examples for colloids, true solution and suspension and prepare a chart.  *Quiz	*Relates 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.
<b>July</b>	7	6	Tissues – Plant tissues (Biology)	*Demonstration method  *Power Point presentation	*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.
<b>Periodic Test 1 – 19.07.2021 to 26.07.2021</b>						
<b>August</b>	8	9	Newton’s laws of motion (Physics) (contd)	*Demonstration method *Inductive 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.

<b>August</b>	8	2	Is matter around us pure – Colloids, Suspension and solutions(Chemistry)	<ul style="list-style-type: none"> <li>*Experimental method</li> <li>*Power Point presentation</li> <li>*Inductive method</li> </ul>	<ul style="list-style-type: none"> <li>*Investigation Project – To find out the applications of chromatography and centrifugation.</li> <li>*Lab Activity</li> </ul>	<p>The Student:</p> <ul style="list-style-type: none"> <li>*Conducts investigation on the use of sublimation, chromatography and centrifugation in real life situation.</li> <li>*Explains the different techniques used to separate the components of a mixture.</li> <li>*Differentiates the principle of various separating techniques.</li> </ul>
<b>August</b>	7	6	Tissues – Animal tissues (Biology)	<ul style="list-style-type: none"> <li>*Demonstration method</li> <li>*Power Point presentation</li> </ul>	*Role play	<p>The student:</p> <ul style="list-style-type: none"> <li>*Defines animal tissues and its types.</li> <li>* Differentiates between the types of animal tissues.</li> </ul>
<b>September</b>	8	9	Newton’s laws of	*Analytical method	*MCQ based	The student:

			motion – Problem solving (Physics) (contd)	*Inductive method	questionnaire	*Develops the skill of problem solving.
<b>September</b>	8	2	Is matter around us pure – Separating the components of a mixture(Chemistry)	*Experimental method *Power Point presentation *Inductive method	*Investigation Project – To find out the applications of chromatography and centrifugation.  *Lab Activity	The Student:  *Conducts investigation on the use of sublimation, chromatography and centrifugation in real life situation.  *Explains the different techniques used to separate the components of a mixture.  *Differentiates the principle of various separating techniques.
<b>September</b>	7	6	Tissues – Animal tissues - Contd (Biology)	*Demonstration method *Power Point presentation	*Concept map	The student:  *Identifies the function of animal tissues.  *Observes the structure of each animal tissues.

<b>Periodic Test – 2: 20/09/2021 to 30/09/2021</b>						
<b>October</b>	<b>Revision</b>					
<b>22-10-2021 to 04-11-2021 Term 1 Exam</b>						
<b>TERM - 2</b>						
<b>November</b>	5	10	Gravitation (Physics)	<ul style="list-style-type: none"> <li>*Discussion method</li> <li>*Power point presentation</li> <li>*Problem solving</li> </ul>	<ul style="list-style-type: none"> <li>*Model making</li> <li>*Questionnaire based on understanding, application and higher order skills</li> </ul>	<p>The student:</p> <ul style="list-style-type: none"> <li>*Explains the gravitational force using different examples.</li> <li>*Identifies the various applications of the concept taught.</li> </ul>
<b>November</b>	5	3	*Atoms and molecules (Chemistry)	<ul style="list-style-type: none"> <li>*Lecture cum Discussion method</li> <li>*Demonstration method</li> <li>*Flipped classroom</li> <li>*Audio-visual method</li> </ul>	<ul style="list-style-type: none"> <li>*Investigation Project</li> <li>*Concept map on different elements and its valency.</li> <li>*Brain storming activity on symbols</li> </ul>	<p>The student:</p> <ul style="list-style-type: none"> <li>*Compares the different postulates given by the scientist on atomic theory.</li> <li>*Defines atomicity and valency.</li> <li>*Interprets the laws of combination with</li> </ul>

						<p>illustration.</p> <p>*Calculates the valency, atomic number and mass number of the given element.</p>
<b>November</b>	3	13	Why do we fall ill? (Biology)	<p>*Flipped Classroom</p> <p>*Discussion method</p> <p>*Role play</p>	*Investigation project	<p>The student:</p> <p>*Summarizes the meaning of being healthy.</p> <p>*Differentiates between communicable and non-communicable diseases.</p>
<b>December</b>	5	11	Work and energy (Physics)	*Discussion method	<p>*Concept map on energy conversion in different daily life activities.</p> <p>*Lists the skills and values learnt from the lesson .</p>	<p>The student:</p> <p>*Differentiates between mechanical and kinetic energy.</p>
<b>December</b>	4	13	Why do we fall ill?(Contd) – (Biology)	<p>*Demonstration method</p> <p>*Flipped Classroom</p> <p>*Discussion method</p>	<p>*Case based project</p> <p>*Quiz</p>	<p>The student:</p> <p>*Differentiates between acute and chronic diseases.</p>



				*Role play		*Identifies and analyzes the symptoms of various diseases.  *Compares the symptoms and causes of different diseases.
<b>December</b>	6	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.
<b>January</b>	6	14	Natural Resources (Biology)	*Discussion method *Demonstration method	*Quiz *Concept Map	The student: *Analyzes and interprets the need of conserving the natural resources. *Classifies the different pollutants of water and soil. *Explains the biogeochemical cycles and their roles.

**Periodic Test 3 – 10.01.2022 to 18.01.2022**

<b>January</b>	6	4	*Structure of atom (Contd) – (Chemistry)	*Demonstration method  *Problem solving method  *Analytical Method	*Investigation project  *To prepare chart on the electronic configuration representing different shells of a particular element.	The student:  *Compares the properties of protons, electrons and neutrons.  *Identifies the different shells of the atom.  *Explains the method to write the electronic configuration of an element.  * Differentiates between isobars and isotopes.
<b>January</b>	5	11	Work and energy - Contd  (Physics)	*Problem solving method	*Solves the given application based questions through quiz.	The student:  *Explains the applications of different forms of energy.  *Solves the problems based on the derivations.
<b>February</b>	<b>Revision</b>					
<b>March</b>	<b>Term 2 Examination</b>					

<b>Lesson No.</b>	<b>Topic</b>
1	Matter in our surroundings
7	Diversity in living organisms
10	Gravitation – Thrust and Pressure, Buoyancy, Archimedes' principle, Relative density
12	Sound
15	Improvement in food resources

## Annual Syllabus Plan 2021-22

**CLASS :IX**

**TEACHERS:** Ms Laurel Dsouza, Ms Sandhya Manoj

**SUBJECT:** Social Science

TERM-1						
Month	No. of Periods	Lesson No	Title of the Lesson	Teaching Methods	Activities	Learning Outcome
<b>June</b>	3	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.
<b>June</b>	5	SPL-1	What is democracy? Why Democracy?	*PPT presentation *Discussion *Explanation	*Group discussion	Realize the importance of Democracy.  *Realize the problems of a non democratic country.  *Recognize why we need democracy.
<b>June&amp; July</b>	10	H- 1	The French Revolution	*PPT presentation *Discussion *Explanation	*Map Activity	*Familiarize the students with the different ideas that inspired revolution

<b>July</b>	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.
<b>26/07/2021 to 5/08/2021 Periodic Test-1</b>						
<b>August</b>	8	E- 1	Story-of Village Palampur	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
<b>August</b>	8	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.
<b>September</b>	8	E- 2	People as resource	*Collect the recent data on educational, employment growth rate	*Group discussion	*Estimates the literacy, health, employment rate
<b>September</b>	8	G-5	Natural Vegetation and Wildlife	*Audio visual presentation on Natural Vegetation and Wildlife.	Map Work	*know the diverse flora and fauna as well as their distribution.

20.09.2021 to 01.10.2021 Periodic Test-2						
<b>October</b>	10	SPL-4	Working of institutions	* Discussion on working of various institutions of government.	Group Activity	* Understand the working of various institutions of government.
November/December 22-10-2021 to 04-11-2021 Term 1 Exam						
TERM-2						
<b>November/ December</b>	10	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.
<b>November/ December</b>	6	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
<b>January</b>	12	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
<b>January</b>	8	SPL-3	Electoral Politics	Debate, Discussion and explanation	Role play	*Familiarise with our electoral system and recognize the significance of

the Election Commission.

09.01.2022 to 19.01.2022

Periodic Test-3

<b>February</b>	4	G-3	Drainage(only Map work)	Video presentation	Map work	*To locate the different rivers of India on map of India
<b>February/March</b>	12	H-3	Nazism and the rise of Hitler	*Discussion on the impact of WWI  *Collect the details, newspaper clippings, posters, slogans and share it with other group through PPT	*Map activity	*Recalls the terms, events, incidents during Hitler's regime

Revision

TERM -2 Exam

**Lessons reduced for the year 2021-22:**

**Economics**

Ch 4:Food Security

**Geography**

Ch 6 Population

**Political Science**

Ch5: Democratic Rights