

## Ashok Vihar, Delhi-110052

# **SYLLABUS 2022-23**

## **Class IX**

## ENGLISH SYLLABUS BREAKUP 2022-23

## <u>CLASS IX</u>

## <u>TERM 1</u>

Time Duration	<u>Name of</u> <u>the Chapter</u>	<u>No. of Teaching</u> <u>Periods</u>	<u>Pedagogy</u>	<u>Art Integrated</u> <u>Activities</u>
	1) The Fun They had	3	Introduction: Online Teaching Vs Offline Teaching Experiential learning	Express your opinion about the pros and cons of Online teaching and proper school teaching in the form of a G.O
April 1-15	2) The Road Not Taken	3	(during Pandemic) Brainstorming about choices in life	Some such like Personalities who made remarkable progress despite their handicap
	3) The Sound of Music	4 =10		
April 15- 30	1) The Lost Child 2) The adventures of	4 3	Use of real life examples Class- discussion	Suggest an alternative ending of this story
	3) Editing, Gap-filling	5 =12	Grammar practice will be given Flip classroom - Humour in the story and Toto's adventures	
May 1-20	1) The Little Girl	3	Active learning	Narrate an incident when
	2) Wind	2	Explanation of poem	parents or gave them a pleasant surprise
	3) Omission	5 =10	Omission passage will be given	the play
July 1-15	1) Rain on the Roof	4	Brainstorming Reading, paraphrase of poem	Write a short poem on rain/ wind or any other element of nature
	3) Diary Entry	3 =7	Collaborative Learning Basic guidelines on how to write a diary entry	Anne Frank's Diary
July 16-31	1) Story- Writing	2	Through multimedia Video on Einstein Brainstorming: Einstein's	Group-discussion
	2) A Truly beautiful Mind	4	Newspaper,	
	3) Article writing 4) Grammar:	2	magazine articles Communicative	
	Reordering, Cloze- filling	2	approach	
August 1-15	1) The Legend of Northland	3	Collaborative Learning Reading, explanation by students	Role-Play- Poem Enactment
	2) My Childhood	4	Brainstorming: Autobiographical Account	Debate
August 16-31	1)Integrated Grammar Practice: Editing, Omission, Reported Speech 2) The Kingdom of	=8 3 3	Recapitulating previous knowledge of Reported Speech Integrative grammar Practice	Conduct an interview in class Reported Speech Activity
	TOOIS		Active learning- Picture Study	

	3) ASL 4) Story writing		Developing Communication Skills	
		7		
		=13		
Sept 1-15	1) The Happy Prince 2) Revision	3	Stimulating critical thinking	ASL will be
	,	3	Writing Guidelines on writing a story	conducted
		=6		

## <u>TERM 2</u>

Time Duration	Name of the	No. of Teaching	<u>Pedagogy</u>	Art Integrated
	<u>Chapter</u>	<u>Periods</u>		<u>Activities</u>
Sept 16- 30	1) No Men are Foreign 2) Integrated Grammar	2 3	Interpreting illustrations Stimulating Critical thinking Title justification: removing barriers	Poem recitation Explanatory video
		= 5		
Oct. 1-15	1) Packing	4	Enjoy reading the story	Write a humorous account of any incident (real/imaginary)
	Tree 3) Re-ordering	2	situations	Reconstruct a dialogue between a child and speaking
		= 8	Significance of title Participatory learning	tree
Oct 16-31	1) Reach for the Top 2) Integrated grammar	4 3	Inspiring stories- values to be learnt Digital Mode: PPT on Santosh	Biographies of great personalities
		= 10	Yadav & Maria	
Nov. 1-15	1) The Duck and the Kangaroo 2) ASL	5 1 3 2 = 11	Participatory learning Communication Skills	Honing the speaking and listening skills and building their confidence in using the language
Nov.16-30	<ol> <li>Weathering the Storm in Ersma</li> <li>The Last Leaf</li> <li>Reported Speech</li> <li>If I were You</li> </ol>	3 2 2 6 =13	Interactive learning Class- discussion Case study of cyclone Cooperative learning Active and dramatic approach. Role play, setting and other elements of play will be explained	Quiz on these lessons & grammar
Dec. 1-15	1) The Bond of Love 2) The Snake Trying	4 2 = 6	Interactive learning Compassion and love for all creatures Active learning	ASL will be conducted Topic Presentation & Problem solving PPT, story-telling, speech will be conducted
Dec.16-31	<ol> <li>A House is not a Home</li> <li>Writing-Skills</li> <li>Grammar</li> <li>Activity</li> </ol>	4 4 2 = 13	House vs Home- student's interpretation Participatory learning Practice will be given	Collect diary entries, letters of famous personalities
Jan 1- 15	1) The Beggar	5 = 5	Interactive learning Values imbibed from the story	Extempore
Jan 16- 31	1) Revision 2) Internal Assessment	8 5 = 13	Interactive learning Class	
Feb 1-15	1) Revision Internal Assessment continued	8		

## <u>Unit Test 1:</u>

The Fun They had The Road Not Taken The Sound of Music Grammar: Editing, Gap-Filling

## <u>Half Yearly</u>

Syllabus completed till the first week of September Annual Exam

Complete Syllabus

## Subject Enrichment Activity

➤ Art Integrated Project will be given

## <u>Portfolio</u>

Assessment of notebooks on the basis pf regularity, completion of work, neatness & overall participation of the student in the class.

	पाठ्यक्रम – हिंदी (2022-23) कक्षा – नवीं (1X)									
	्रथम सत्र									
क्रम सं ख्या 1	<b>अवधि</b> अप्रैल	<b>अध्याप</b> न कालांश 9-10	पाठ/ कवर किया पाठ्यक्रम *दुख का अधिकार	<b>शिक्षण पद्धति</b> *पाठन/वाचन,	पाठाधिगम आधारित/ कला समेकित गतिविधि परिचर्चा – "व्यक्ति की पहचान					
	1-15		*रेंदास के पद (परिचय)	*व्याख्या,अर्थबोध, *दृश्य श्रव्य सामग्री *समूह चर्चा *कक्षा गतिविधि *सहभागिता से प्रश्नोत्तर विचार	उसकी पोशाक से होती है।" / रोल प्ले					
2	अप्रैल 16-30	11-12	*रैदास के पद *अनुच्छेद लेखन *उपसर्ग - प्रत्यय *शब्द और पद	*कवि परिचय और संदर्भ *पाठन/वाचन, *व्याख्या,अर्थ और भावबोध, *समूह चर्चा /कक्षा गतिविधि *सहभागिता से प्रश्नोत्तर विचार	* सिक्किम के कवियों का परिचय प्राप्त कीजिए और चित्र सहित प्रस्तुत कीजिए। * दूसरे पद में आए कवियों का परिचय प्राप्त कीजिए और कक्षा में प्रस्तुत कीजिए।					
3	मई 1-20	9-10	* गिल्लू * अनुस्वार और अनुनासिक *उपसर्ग-प्रत्यय *अपठित गद्यांश	*संदर्भ, प्रस्तावना *व्याख्या विधि *आगमन विधि *अभ्यास विधि *स्पष्टीकरण *अधिष्ठापन *उद्बोधन और उदाहरण शैली	* समाज में गरीबों की दयनीय स्थिति पर चिंता व्यक्त करते हुए अपने मित्र को पत्र लिखें। * अनुच्छेद लेखन- सामाजिक विषमता / गरीबी * प्रश्न निर्माण *किन्ही पांच प्राणियों के चित्र लगाकर उनके व्यवहार की दो दो विशेषताएँ लिखिए और कक्षा में सुनाई। *प्रश्न निर्माण					
4	जुलाई 1-15	6-7	*एवरेस्ट:मेरी शिखर यात्रा	*संदर्भ *व्याख्या विधि *विश्लेषण विधि *सहयोगात्मक *प्रश्नोत्तरी	* अपनी किसी पहाड़ी यात्रा का वास्तविक/काल्पनिक वर्णन और अनुभव संक्षेप में कक्षा में सुनाइए।					

				*उदाहरण शैली	
6	जुलाई	12-13	*एवरेस्ट: मेरी शिखर	*संदर्भ और वाचन	*चित्राधारित परियोजना –
	16-31		यात्रा	*व्याख्या विधि	सिक्किम का धार्मिक परिवेश /
			*रहीम के दोहे	*सहयोगात्मक विधि	* नैतिक मूल्यों या सामाजिक
				*उदाहरण शैली	विसंगति जैसे विषय पर दोहा रचना
				प्रश्नोत्तरी	की गतिविधि
				*अभ्यास विधि	
7	अगस्त	8-9	* श्रुतिसम	*पाठन/वाचन,	* प्रश्न निर्माण गतिविधि
	1-15		भिन्नार्थक शब्द	*अर्थबोध	* अनुच्छेद लेखन गतिविधि
			*पर्यायवाची शब्द	*दृश्य श्रव्य सामग्री	विषय :-
			*विलोम शब्द	*समूह चर्चा	1- सामाजिक विषमता - एक
			*अनुच्छेद लेखन	*कक्षा गतिविधि	समस्या
				*सहभागिता से प्रश्न	2- प्रकृति के समक्ष चुनौतियाँ
				निर्माण	
8	अगस्त	12-13	*स्मृति	*पाठन/वाचन,	*प्रश्न निर्माण
	16-31		*अर्थ के आधार पर	*व्याख्या,अर्थबोध,भावबोध	*लेखन अभ्यास
			वाक्य भेद	*दृश्य श्रव्य सामग्री	*पाठाधारित स्वानुभूति वर्णन
			*नारा लेखन	*समूह चर्चा	
			* श्रवण और वाचन	*कक्षा गतिविधि	
			कौशल	*सहभागिता से प्रश्नोत्तर	
				विचार	
				*आगमन विधि	
				*अभ्यास विधि	
9	सितंबर	5-6	*पुनरावृत्ति अभ्यास		
	1-15		*प्रथम सत्रीय परीक्षा		

यूनिट परीक्षा - 1	*दुख का अधिकार
	*रैंदास के पद
	*गिल्लू
	*शब्द और पद
	*अनुस्वार और अनुनासिक
	*उपसर्ग-प्रत्यय
	*अपठित गद्यांश
	*अनुच्छेद लेखन
प्रथम सत्रीय परीक्षा	अप्रैल से अगस्त तक पढा गया संपर्ण पाठयक्रम प्रथम
	सत्रीय परीक्षा में पूछा जाएगा।

	द्वितीय सत्र								
क्रम संख्या	क्रम अवधि अध्याप पाठ/ कवर संख्या न किया पाठ्यक्रम		शिक्षण पद्धति	गतिविधि / कला समेकित गतिविधि					
10	सितंबर 15-30	4-5	*कल्लू कुम्हार की उनाकोटि (केवल पठन हेतु) *वाचन एवं श्रवण कौशल मूल्याकंन (ASL)	*पाठन और वाचन *श्रवण और वाचन कौशल	*वाचन एवं श्रवण				
11	अक्टूबर 1-15	7-8	*तुम कब जाओगे:अतिथि *संवाद लेखन / अपठित बोध	*पाठन/वाचन, *व्याख्या,अर्थबोध,भावबोध *दृश्य श्रव्य सामग्री *समूह चर्चा *कक्षा गतिविधि *सहभागिता से प्रश्नोत्तर विचार *आगमन विधि *अभ्यास विधि	*वाद-विवाद :- अतिथि देवता होता है ।				
12	अक्टूबर 16-31	9-10	*दिये जल उठे *लेखन/वाचन अभ्यास	*अभ्यास विधि	*पत्र लेखन अभ्यास *प्रश्न निर्माण * पॉडकास्ट- दांडी यात्रा जैसे स्वाधीनता के लिए किए गए अन्य किसी प्रयास पर				
13	नवंबर 1-15	10-11	*खुशब् रचते हैं हाथ *शब्द निर्माण- उपसर्ग, प्रत्यय * श्रुतिसम भिन्नार्थक शब्द *पर्यायवाची शब्द *विलोम शब्द	*पाठन/वाचन, *व्याख्या,अर्थबोध,भावबोध *समूह चर्चा *कक्षा गतिविधि *सहभागिता से प्रश्नोत्तर विचार *आगमन विधि *अभ्यास विधि	* माचिस निर्माण, मोमबत्ती निर्माण, लिफाफा निर्माण,पापड़ निर्माण आदि लघु उद्योगों के विषय में जानकारी एकत्र करना और कक्षा में सचित्र प्रस्तुति *समूह चर्चा				
14	नवंबर 16-30	12-13	*एक फूल की चाह *पत्र लेखन,	*पाठन/वाचन, *व्याख्या,अर्थबोध,भावबोध *दृश्य श्रव्य सामग्री *समूह चर्चा *कक्षा गतिविधि *सहभागिता से प्रश्नोत्तर विचार	*संक्षिप्त कहानी के रूप में कविता की प्रस्तुति *कविता के मूल भाव पर आधारित आँखों देखा वर्णन *लेखन अभ्यास				

10101093म्यास विधि15दिसंबर 1-155-6•हामिद खाँ भाक अंध वायन भाक अंध भाव अंध वाय के अं भाक अंध वायन भाक भाक अंध भाव का भाक अंध भाव का भाक अंध भाव भाक भाक अंध भाव का भाक भाक भाक भाक भाक अंध भाव भाक अ भाक भाक भाक भाक भाक भाक भाक भाक भाक भाक					*आगमन विधि	
15         दिसंबर 1-15         5-6         *हामिद खाँ         *संदर्भ         *भाषु वाचन - अच्छे व्यवहार का महत्व           1-15         1-15         *वाक्य श्वाक्य भावन - अच्छे व्यवहार का महत्व         व्यवहार का महत्व           16         दिसंबर 16 31         12-13         *धर्म की आड *वाक्य भेद         *पाठन/वाचन, *टयाख्या,अर्थबोध,भावबोध *हश्य भव्य सामग्री *समुह चर्चा *कक्षा गतिविधि *सहभागिता से प्रश्नोतर विचार *आगमन विधि *अभ्यस विधि         *सन्ह पर्च - "धर्म एकता का माध्यम है।" *वाक्य खेल           17         जनवरी 1-15         5         *शुकुतारे के समान (केवल पठन हेतु) *अपठित बोध *नारा लेखन गरारा लेखन *अभ्यास विधि *सहभागिता से प्रश्नोतर विचार *त्रव्याख्या,अर्थबाध,भावबोध *सहभागतिविधि *सहभागिता से प्रश्नोतर विचार *त्रवेर लेखन प्रात्विधि *सहभागिता से प्रश्नोतर विचार *त्रवेर लेखन प्रात्विधि *सहभागिता से प्रश्नोतर विचार *त्रवेर लेखन गतिविधि श्वत्र ककक्षा गतिविधि *सहभागिता से प्रश्नोतर विचार *त्रवा संपर्धनय के रुप सं साग्रात्विधि *सहभागिता से प्रश्नोतर विचार *तेवस रायर्धनय के रुप सं साग्रा कोजिए। *कक्षा गतिविधि *सहभागिता से प्रश्नोतर विचार *तेवस रायर्धनय के रुप सं साग्रा कोजिए। *कक्षा गतिविधि *सहभागिता से प्रश्नोतर विचार *तेवस रायर्धनय के रियार *तेवस रायर्धनय के रुप सं साग्रा के कक्षा गतिविधि *अभ्यास तोविधि *अभ्यास तोविधि *अभ्यास तोविधि *अभ्यास तिविधि *अभ्यास तिविधि *अभ्यास *अभ्यास तिविधि *अभ्यास *अभ्यास *अभ्यास *अभ्यास         *अक्ति ता रिक सं स्तर्ग तिविधि *अभ्यास *अभ्यास *अभ्यास *अभ्यास *अभ्यास *अभ्यास *अभ्यास         *अभि *अभ्यास *अभ्यास *अभ्यास         *अभि *अभ्यास *अभ्यास *अभ्यास *अभ्यातिधि         *अभि *अभि *अभि *अभि *अभि *अभि *अभि         *अ					*अभ्यास विधि	
1-151-15111 <td>15</td> <td>दिसंबर</td> <td>5-6</td> <td>*हामिद खाँ</td> <td>*संदर्भ</td> <td>*आशु वाचन – अच्छे</td>	15	दिसंबर	5-6	*हामिद खाँ	*संदर्भ	*आशु वाचन – अच्छे
••व्याख्या विधि •स्तर्वणेणात्मक विधि •प्रजन/ताचन, वेगांग्यं की आड •पाठन/ताचन, •वयाख्या,अर्थवोध,आवबोध भागम्य है।" •वावय श्रेद वावय श्रेद मंत्रमु वर्चा- "धर्म एकता का माध्यम है।" •वावय श्रेद •वावय श्रेद •वावय •वावय श्रेद •वावय <td></td> <td>1-15</td> <td></td> <td></td> <td>*पाठन और वाचन</td> <td>व्यवहार का महत्व</td>		1-15			*पाठन और वाचन	व्यवहार का महत्व
Image: series of the					*व्याख्या विधि	
10         10         1000         *प्रक्रतेरे           15         दिसंबर 16- 31         12-13         *धर्म की आड़ *वाक्य भेद         *पाठन/वाचन, *टयाख्या,अर्थबोध,भावबोध *हश्य श्रद्य सामग्री *समूह चर्चा         *समूह चर्चा- "धर्म एकता का माध्यम है।"           16         31         12-13         *धर्म की आड़ *वाक्य भेद         *पाठन/वाचन, *समूह चर्चा         *याख्या,अर्थबोध,भावबोध *सहभागिता से प्रश्नोतर विचार *अग्रमत विधि         *पाठन/वाचन, *सहभागिता से प्रश्नोतर विचार *अभ्यास विधि         **           17         जनवरी 1-15         5         *शुक्रतारे के समान (केवल पठन हेतु) *अपठित वोध *नारा लेखन         *पाठन/वाचन, *टयाख्या,अर्थबोध,भावबोध *दश्य श्रद्य सामग्री *समूह चर्चा *सहभागिता से प्रश्नोतर विचार *सहभागिता से प्रश्नोतर विचार         **           18         जनवरी 16- 31         12-13         *अग्रिनपथ (केवल गतिविधि हेतु) *संदेश लेखन, नारा लेखन *अभ्र्यास वीरि         *पाठन/वाचन, *सहभागिता से प्रश्नोतर विचार *सहभागिता से प्रश्नोतर विचार         *'जविता एलवम- '' जीवन संघर्षमय हे इससे घवराकर रकना नहीं 'यहिर' इस विषय से संदेश लेखन, नारा लेखन *अभ्र्यास विधि         *पाठन/वाचन, *सहभागिता से प्रश्नोता विधि *सहभागिता से प्रश्नोता ककक्षा गतिविधि *सहभागिता से प्रश्नोता विधि *सहभागिता से प्रश्नोता विधि *सहभागिता से प्रश्नोता के का स्वतिवा प्र स्वराक्ष स्रक्ष स्रात्न कविताओं को कविताओं का कविताओं का राहर'' इस विषय से संवधित अन्य करिता का कविताओं का राहर'' इस विषय से संवधित अन्य कतिताओं का कविताओं का राहरेता (विज्ज)           19         फरवरी         7-8         *पुतरावृति और प्रति राहक पराहा         *'पुतरावृति और ''''''''''''''''''''''''''''''''''''					*सहयोगात्मक विधि	
16       12.13       **!# की आड़       **!!!!!!!!!!!!!!!!!!!!!!!!!!!!!!!!!!!					*प्रश्नोत्तरी	
31       *वाक्य भेद       *टवाख्या,अर्थबोध,भावबोध       का माध्यम है।"         *वाक्य खेद       *टवाख्या,अर्थबोध,भावबोध       *वाक्य खेत         *रस्मूह चर्या       *कक्षा गतिविधि         *स्हभागिता से प्रश्नोत्तर विधार       *सहभागिता से प्रश्नोत्तर विधार         *अनवरी       5       *शुक्रतारे के समान         1-15       *शुक्रतारे के समान       *पाठन/वाचन,         *विरतेष पठन हेतु)       *अपिंत बोध         *गरार लेखन       *वार्ग लेखन         *गरार लेखन       *रदाख्या,अर्थबोध,भावबोध         *रसे होने वाली अनुभूति         *तारा लेखन       *रदाख्या,अर्थबोध,भावबोध         *रसे होने वाली अनुभूति         *स्वास गीतिविधि         *अगठत वाध       *रदाखन्भा कीं         *रसरे होने वाली अनुभूति         *तारा लेखन       *रदाखन्ग तिविधि         *समूह चर्या       *संहभागिता से प्रश्नोतर विचार         *सरहभागिता से प्रश्नोतर विचार       *जीवत संघर्षमय है इससे         खातक गतिविधि हेतु)       *संदेश लेखन, नारा लेखन         *अववरा ात्       *अगिनपथ         *अगवातीविधि       *अभ्रमा तीविधि         *अम्यास और       *अगिवाया         *अग्रमा होति       *अग्रमा होधि         *अग्रमा होधि       *समहा वाया         *अग्रमा हो       *अग्रमा होधि	16	दिसंबर 16-	12-13	*धर्म की आड़	*पाठन/वाचन,	*समूह चर्चा – "धर्म एकता
Image: series of the series		31		*वाक्य भेद	*व्याख्या,अर्थबोध,भावबोध	का माध्यम है।"
Image: series of the series					*दृश्य श्रव्य सामग्री	*वाक्य खेल
श्वि         श्वक्ष गतिविधि भ्रम्हभागिता से प्रश्नोत्तर विचार भाग्वज्ञ भाग्वतिविधि भाग्वज्ञ भाग्वतिविधि भाग्वज्ञ भाग्वतिविधि भाग्वज्ञ भाग्वतिविधि भाग्वत्य भाग्वतिविधि भाग्वत्य भाग्वतिविधि भाग्वत्य भाग्वतिविधि भाग्वत्य भाग्वतिविधि भाग्वत्य भाग्वतिविधि भाग्वत्य भाग्वतिविधि भाग्वत्य भाग्वतिविधि भाग्यत्य भाग्वत्य भाग्वत्य भाग्वत्य भाग्वत्य भाग्वत्य भाग्वत्य भाग्वत्य भाग्वत्य भाग्वत्य भाग्वत्य भाग्वत्य भाग्वत्य भाग्वत्य भाग्वत्य भाग्वत्य भाग्वय भाग्वत्य भाग्वय भाष्य भाग्वय भाग्वय भाग्वय भाग्वय भाग्वय भाग्वय भाग्वय भाग्वय भाग्वय भाग्वय भाग्वय भाग्वय भाग्वय भाष्य भाग्वय भाग्वय भाष्य					*समूह चर्चा	
Image: series of the series					*कक्षा गतिविधि	
10 <td></td> <td></td> <td></td> <td></td> <td>*सहभागिता से प्रश्नोत्तर विचार</td> <td></td>					*सहभागिता से प्रश्नोत्तर विचार	
Image: series of the series					*आगमन विधि	
17       जनवरी       5       *शुक्रतारे के समान (केवल पठन हेतु)       *पाठन/वाचन, *ट्याख्या,अर्थबोध,भावबोध       *"र्त्वानुभूति" (कक्षा गतिविधि)गांधीजी की आत्मकथा पढ़िए और         1-15       *अपठित बोध       *विश्तेषण विधि       आत्मकथा पढ़िए और         *वारा लेखन       *विश्तेषण विधि       आत्मकथा पढ़िए और         *नगरा लेखन       *दश्य श्रद्य सामग्री       अत्म होने वाली अनुभूति के कक्षा में निष्कर्भ के रूप         *गरा लेखन       *सम्रह चर्चा *तक्षा गतिविधि       अस होने वाली अनुभूति के कक्षा में निष्कर्भ के रूप         18       जनवरी 16- 31       12-13       *अग्निपथ (केवल गतिविधि हेतु)       *पाठन/वाचन, *दयाख्या,अर्थबोध,भावबोध       *कविता एलबम- " जीवन संघर्षमय है इससे घवराकर रुकना नहीं चाहिए" इस विषय से संबंधित अन्य कविताओं के कविताओं को एकत्रित कर एल्बम निर्माण।         18       जनवरी 16- 31       12-13       *आग्निय क्षिहि नुग लेखन *अभ्यास और पुनरावृत्ति       *पाठन/वाचन, *सहभागतिता से प्रश्नतेतर विचार 'अक्षा गतिविधि *सहभागिता से प्रश्नतेतर विचार 'अभ्यास विधि       "जीवन संघर्षमय है इससे घवराकर रुकना नहीं चाहिए" इस विषय से संबंधित अन्य कविताओं की कविताओं को एकत्रित कर एल्बम निर्माण।         19       फरवरी       7-8       *पुनरावृत्ति और भृतदर्श प्रश्न संबार्षक परीक्षा       *पुनरावृत्ति अर्भ संवार्षक परीक्षा       *पुनरावृति अर्भ संवार्षक परीक्षा					*अभ्यास विधि	
1-15       (Àaa voa chi chi)       *cuiucui, yialalii, jinaaliii       गतिविधि)niitii di alii         *3406a aliii       *suvoa aliii       *alikaniii       sata ki aliii and sati yi aliiii         *aliiii       *aliiii       *aliiii       sata ki aliiii       sata ki aliiii         *aliiiiiiiiiiiiiiiiiiiiiiiiiiiiiiiiiiii	17	जनवरी	5	*श्क्रतारे के समान	*पाठन/वाचन,	*"स्वान्भूति" (कक्षा
शिक्ष विधअत्मकथा पढ़िए और उससे होने वाली अनुभूति को कक्षा में निष्कर्ष के रूप में साझा कीजिए।18जनवरी 16- 3112-13*अग्रिनपथ (केवल गतिविधि हेत्) *संदेश लेखन, नारा लेखन *संदेश लेखन, नारा लेखन *अभ्यास और पुनरावृत्ति*पाठन/वाचन, *टयाख्या,अर्थबोध,भावबोध *समूह चर्चा *कक्षा गतिविधि *समूह चर्चा *कक्षा गतिविधि *समूह चर्चा *कक्षा गतिविधि *समूह चर्चा *कक्षा गतिविधि *सहभागिता से प्रश्नोत्तर विचार *त्रिता एलबम- *जीवन संघर्षमय है इससे घबराकर कनना नहीं चाहिए‴ इस विषय से संबंधित अन्य कविताओं के बिवताओं को एकत्रित करा गतिविधि *अभ्यास विधि *अभ्यास विधि *अभ्यास *अभ्यास विधि *अभ्यास विधि *अभ्यास *अ * *अ * * * * * * 		1-15		्) (केवल पठन हेत्)	*व्याख्या.अर्थबोध.भावबोध	गतिविधि)गांधीजी की
Image: series of the series				*अपठित बोध	*विश्लेषण विधि	आत्मकथा पढ़िए और
18       जनवरी 16- 31       12-13       *अग्निपथ       *पाठन/वाचन, *पाठन/वाचन, (केवल गतिविधि हेत्) *रादेश लेखन, नारा लेखन *संदेश लेखन, नारा लेखन *संदेश लेखन, नारा लेखन *अभ्यास और पुनरावृत्ति       *पाठन/वाचन, *टयाख्या,अर्थबोध,भावबोध *समूह चर्चा *कक्षा गतिविधि *सहभागिता से प्रश्नोत्तर विचार *अभ्यास विधि *सहभागिता से प्रश्नोत्तर विचार *अभ्यास विधि *सहभागिता से प्रश्नोत्तर विचार *अभ्यास विधि       *जविता एलबम- "जीवन संघर्षमय है इससे घबराकर रुकना नहीं चाहिए" इस विषय से संबंधित अन्य कविताओं की कविताओं को एकत्रित कर एलबम निर्माण। *अभ्यास 'प्रश्नोत्तरी (क्विज़)         19       फरवरी       7-8       *पुनरावृति और प्रतिदर्श प्रश्न पत्र स्वार्षिक परीक्षा       *पुनरावृति अभ्यास 'पुनरावृति अभ्यास       *पुनरावृति अभ्यास				*नारा लेखन	*दृश्य श्रव्य सामग्री	उससे होने वाली अनुभूति
18       जनवरी 16- 31       12-13       *अग्निपथ       *पाठन/वाचन, *पाठन/वाचन, *पाठन/वाचन, *दाख्या,अर्थबोध,भावबोध       *कविता एलबम- "जीवन संघर्षमय है इससे घबराकर रुकना नहीं चाहिए" इस विषय से *समूह चर्चा *सहभागिता से प्रश्नोत्तर विचार मंबंधित अन्य कविताओं का कविताओं को एकत्रित याहिए" इस विषय से *अभ्यास और पुनरावृत्ति         19       फरवरी       7-8       *पुनरावृत्ति और प्रतिदर्श प्रश्न पत्र *वार्षिक परीक्षा       *पुनरावृत्ति अभ्यास *पुनरावृत्ति अभ्यास       *पुनरावृत्ति अभ्यास *पुनरावृत्ति अभ्यास					*समद चर्चा	को कक्षा में निष्कर्ष के रूप
18       जनवरी 16- 31       12-13       *अग्निपथ       *पाठन/वाचन, *पाठन/वाचन, *संदेश लेखन, गरा लेखन *अभ्यास और पुनरावृत्ति       *पाठन/वाचन, *दयाख्या,अर्थबोध,भावबोध *समूह चर्चा *समूह चर्चा *समूह चर्चा *सहभागिता से प्रश्नोतर विचार सहभागिता से प्रश्नोतर विचार *सहभागिता से प्रश्नोतर विचार *अभ्यास विधि *सहभागिता से प्रश्नोतर विचार *अभ्यास विधि *सहभागिता से प्रश्नोतर विचार *अभ्यास विधि *प्रन्यास विधि *प्रश्नोतरी (विवज्र)         19       फरवरी       7-8       *पुनरावृत्ति और प्रतिदर्श प्रश्न पत्र *वार्षिक परीक्षा       *पुनरावृत्ति और प्रतिदर्श प्रश्न पत्र *वार्षिक परीक्षा       *पुनरावृत्ति अभ्य *पुनरावृत्ति अभ्य स्वार्षिक परीक्षा       *पुनरावृत्ति अभ्य *पुनरावृत्ति अभ्य स्वार्षिक परीक्षा       *पुनरावृत्ति अभ्य *पुनरावृत्ति अभ्य स्वार्षिक परीक्षा					*कक्षा गतिविधि	में साझा कीजिए।
18         जनवरी 16- 31         12-13         *अग्निपथ (केवल गतिविधि हेतु) *संदेश लेखन, नारा लेखन *अभ्यास और पुनरावृत्ति         *पाठन/वाचन, *टयाख्या,अर्थबोध,भावबोध *समूह चर्चा *समूह चर्चा *सहभागिता से प्रश्नोत्तर विचार *अभ्यास विधि         *कविता एलबम- "जीवन संघर्षमय है इससे घबराकर रुकना नहीं चाहिए" इस विषय से संबंधित अन्य कविताओं की कविताओं को एकत्रित कर एल्बम निर्माण। *अभ्यास *प्रश्नोत्तरी (क्विज़)           19         फरवरी         7-8         *पुनरावृत्ति और प्रतिदर्श प्रश्न पत्र *वार्षिक परीक्षा         *पुनरावृत्ति अभ्यास *पुनरावृत्ति अभ्यास         *पुनरावृत्ति अभ्यास भ्यान्तर्वार्षक परीक्षा         *पुनरावृत्ति अभ्यास					*मदभागिता से पश्नोनग तिनाग	
$ \begin{array}{c ccccccccccccccccccccccccccccccccccc$	18	.जनवरी १६-	12-13	*भग्नितपश	*णाठन/ताजन	*कतिता एवनम-
19       फरवरी       7-8       *पुनरावृत्ति और प्रवत्र्र प्रश्न पत्र वर्षिक परीक्षा       *पुनरावृत्ति और अभ्यास्य (भ्रायाय (एप्र))       *पुनरावृत्ति आर ककक्षा गतिविधि ककक्षा गतिविधि ककक्षा गतिविधि ककक्षा गतिविधि ककक्षा गतिविधि ककक्षा गतिविधि *सहभागिता से प्रश्नोत्तर विचार *अभ्यास विधि       घबराकर रुकना नहीं चाहिए" इस विषय से संबंधित अन्य कविताओं की कविताओं को एकत्रित कर एल्बम निर्माण। *अभ्यास *प्रश्नोत्तरी (क्विज़)         19       फरवरी       7-8       *पुनरावृत्ति और प्रतिदर्श प्रश्न पत्र *वार्षिक परीक्षा       *पुनरावृत्ति अभ्यास 		31	12-15	) (केतल गतिविधि हेन)	*=====================================	" जीवन मंघर्षमय है दममे
<ul> <li>भ्यास सम्प्रह चर्चा</li> <li>भ्यास गतिविधि</li> <li>भ्यास और</li> <li>भुनरावृत्ति</li> <li>भ्यास विधि</li> <li>भ्यास</li> </ul>				*संदेश लेखन नारा	*व्याख्या,अयबाध,मावबाध	घबराकर रुकना नहीं
$\frac{1}{19}  \begin{tabular}{ c c c c c c c c c c c c c c c c c c c$				लेखन	*समूह चर्चा	चाहिए" इस विषय से
19       फरवरी       7-8       *पुनरावृत्ति और प्रतिदर्श प्रश्न पत्र *वार्षिक परीक्षा       *पुनरावृत्ति और प्रतिदर्श प्रश्न पत्र *वार्षिक परीक्षा       *पुनरावृत्ति अभ्यास       *अभ्यास विधि *अभ्यास विधि *अभ्यास       *अभ्यास का कविताओं को एकत्रित कर एल्बम निर्माण। *अभ्यास *प्रश्नोतरी (क्विज़)				*अभ्यास और	*कक्षा गातावाध	संबंधित अन्य कविताओं
19       फरवरी       7-8       *पुनरावृत्ति और प्रतिदर्श प्रश्न पत्र *वार्षिक परीक्षा       *पुनरावृत्ति अभ्यास प्रतिदर्श प्रश्न पत्र *वार्षिक परीक्षा       *पुनरावृत्ति अभ्यास म्वार्षिक परीक्षा       *पुनरावृत्ति अभ्यास म्वार्षिक परीक्षा       *पुनरावृत्ति अभ्यास म्वार्षिक परीक्षा				पुनरावृत्ति	*सहभागिता से प्रश्नोत्तर विचार	की कविताओं को एकत्रित
19         फरवरी         7-8         *पुनरावृत्ति और प्रतिदर्श प्रश्न पत्र *वार्षिक परीक्षा         *पुनरावृत्ति अभ्यास         *अभ्यास *पुनरावृत्ति अभ्यास				5 6	*अभ्यास विधि	कर एल्बम निर्माण।
19         फरवरी         7-8         *पुनरावृत्ति और प्रतिदर्श प्रश्न पत्र *वार्षिक परीक्षा         *पुनरावृत्ति अभ्यास         *अभ्यास						*अभ्यास
19     फरवरी     7-8     *पुनरावृत्ति और     *पुनरावृत्ति अभ्यास     *अभ्यास       प्रतिदर्श प्रश्न पत्र     *वार्षिक परीक्षा     *वार्षिक परीक्षा						*प्रश्नोत्तरी (क्विज़)
प्रतिदर्श प्रश्न पत्र *वार्षिक परीक्षा	19	फरवरी	7-8	*पुनरावृत्ति और	*पुनरावृत्ति अभ्यास	*अभ्यास
*वार्षिक परीक्षा				प्रतिदर्श प्रश्न पत्र		
				*वार्षिक परीक्षा		

यूनिट परीक्षा 2

\*तुम कब जाओगे, अतिथि

\*खुशबू रचते हैं हाथ

\*दिये जल उठे

\*अर्थ के आधार पर वाक्य भेद

\*उपसर्ग-प्रत्यय

\*संदेश लेखन / नारा लेखन

\*पत्र लेखन

वार्षिक परीक्षा

प्रथम और द्वितीय सत्र का पूर्ण पाठ्यक्रम

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## MATHEMATICS SYLLABUS

## CLASS: IX (2022-23)

## SEMESTER I

S. No.	Duration	Chapter/Topic	No. of Teaching Periods	<b>Concept</b> Covered	Pedagogy (learner centred)	Art Integrated/Other Activities
1	1 <sup>st</sup> –15 <sup>th</sup> April	Number System	10	Introduction to Number System, Classification of Real numbers, Difference between rational and irrational, Operations on Real numbers, Rationalization.	Deductive, Brainstorming, Problem Solving.	Fun worksheet, Activity on construction of a Square Root Spiral
		Number System <i>contd</i>	6	Laws of exponents, Representation of Real numbers on Number-line (Spiral method, Successive magnification)	-do-	
2 16 <sup>th</sup> - April	16 <sup>th</sup> – 30 <sup>th</sup> April	Co-ordinate Geometry	4	Cartesian plane, Terms and notations associated with cartesian plane, plotting of points, identifying coordinates of point.	Problem Solving.	Art integrated activity on map of Sikkim
		Linear equation in two variables	2	Standard form of linear equation in two variables, solution and its interpretation.	Deductive, Explicit instructions, Brainstorming.	
		Linear equation in two variables <i>contd</i>	3	Graph of linear equation in two variables, converting real-life word problems into equations	-do-	Converting a real-life problem to equation and then drawing graph of it, for further conclusions.
3	1 <sup>st</sup> – 20 <sup>th</sup> May	Lines and angles	7	Definition and classification of angles, special pair of angles (linear pair, vertically opposite angles, corresponding angles, alternate angles, co-interior angles), Angle sum property of triangle.	Problem Solving method, Heuristic approach.	Activity on verifying exterior angle property of triangle.

4	$\begin{array}{c} 1^{st}-15^{th}\\ July \end{array}$	Triangles	7	Meaning of congruency, Congruency criteria for triangles, Proof of ASA congruency	Problem Solving, Heuristic approach.	Activity on verifying triangle's inequality.
$5  16^{th} - 31^{s}$	$16^{th} - 31^{st}$	Triangles <i>contd</i>	6	Application of congruency (SAS, SSS, ASA), Application of congruency (RHS), Isosceles triangle property, Triangles Inequality	-do-	
	July	Heron's Formula	7	Area of triangle using Heron's formula, application on finding area of quadrilateral.	Inducto-deductive Problem-Solving method.	Solving a real-life problem to find area of a field using heron's formula.
(	$1^{\text{st}} - 15^{\text{th}}$	Introduction to Euclid's Geometry*	3	Euclid's Axioms, Postulates, Playfair's axiom	Analytico-synthesis method.	Students can be asked to write small article on any one famous mathematical statement (like conjectures, paradoxes etc)
6 August	August	Statistics	5	Introduction to Statistics: Collection of data, presentation of data – tabular form, ungrouped / grouped, bar graphs,	Inducto-deductive Problem-Solving method.	Collecting data from real life and representing it graphically, Further analysing and interpreting it on various aspects.
7 $16^{\text{th}} - 3$ August	$16^{th} - 31^{st}$	Statistics <i>contd</i>	5	Measures of Central tendencies	-do-	
	August	Internal Assessments and Revision	8			Crossword (Multiple assessment)

## PERIODIC ASSESSMENTS

## <u>UNIT TEST I</u>

Ch-1: Number system

Ch-3: Coordinate Geometry

Ch-4: Linear equations in two variables

## <u>TERM I</u>

Ch-1: Number system Ch-3: Co-ordinate Geometry Ch-4: Linear equation in two variables Ch-6: Lines and angles Ch-7: Triangles Ch-12: Heron's Formula Ch-14: Statistics

## SEMESTER II

S. No.	Duration	Chapter/Topic	No. of Teaching Periods	Concept Covered	Pedagogy (learner centred)	Art Integrated/Other Activities
8	1 <sup>st</sup> – 15 <sup>th</sup> September	Polynomials	5	Definition and examples polynomial in one variable, Coefficients, Degree, Zero of polynomial	Problem Solving, Inducto-deductive	Activity on factorization of polynomial by paper cutting method.
9	15 <sup>th</sup> – 30 <sup>th</sup> September	Polynomials	6	Remainder theorem, Factor theorem, Algebraic identities and its application.	-do-	
10	1 <sup>st</sup> – 15 <sup>th</sup> October	Quadrilaterals	8	Definition, Types and Properties of quadrilaterals, Application of properties and theorems on questions.	Brainstorming, Inducto-deductive	Activity on verifying Mid-point theorem.
11 16 <sup>th</sup> – 31 <sup>s</sup> October	$16^{\text{th}} - 31^{\text{st}}$	Area of parallelograms and triangles	8	Relation between area of parallelogram-parallelogram, parallelogram-triangle, triangle- triangle, Result on median of a triangle.	Brainstorming, Inducto-deductive	Activity to show that the area of a parallelogram is equal to the product of its base and corresponding height by using paper cutting and pasting.
	October	Constructions	2	Construction of bisectors of line segments and angles of specific angles, equilateral triangles.	Problem Solving, Pictorial Method, Explicit Instructions	
12	1 <sup>st</sup> – 15 <sup>th</sup> November	Constructions	7	Construction of equilateral triangles, Construction of a triangle given its base, sum/difference of the other two sides and one base angle, Construction of a triangle given perimeter and base angles	-do-	Construction using geometrical instruments will be done by students
		Surface area and Volume	4	Surface areas of cubes, cuboids, spheres (including hemispheres)	Inducto-deductive, Heuristic, Problem Solving, Brainstorming.	Activity to find formula for the Curved Surface Area of a Cylinder.

13	16 <sup>th</sup> – 30 <sup>th</sup> November	Surface area and Volume <i>contd</i>	13	Surface area of right circular cylinders/cones, Volumes of cubes, cuboids, spheres (including hemispheres) and right circular cylinders/cones.	-do-	Activity to form a Cone from a Sector of a Circle
14	1 <sup>st</sup> – 15 <sup>th</sup> December	Circles	6	Through examples, arrive at definition of circle and related concepts-radius, circumference, diameter, chord, arc, secant, sector, segment, theorems and its applications.	Brainstorming, Analytico-synthetic method	Activity on exterior angle of a cyclic quadrilateral is equal to its interior opposite angle.
15	$16^{\text{th}} - 30^{\text{th}}$ December	Circles	13	Concepts related to subtended angle, Theorems and its applications.	-do-	Activity on angles in the Same Segment
16	1 <sup>st</sup> – 15 <sup>th</sup> January	Probability	5	Meaning of Probability, Experimental approach, properties of probability of an event.	Inducto-deductive Problem-Solving method	Classroom Activity verifying a property of probability
1.01	15 <sup>th</sup> 30 <sup>th</sup>	Probability	3	Empirical formula and its application questions.	-do-	
17	January	Internal Assessments and Revision	10			Crossword (Multiple assessment)

## <u>UNIT TEST II</u>

Ch-2: Polynomials Ch-8: Quadrilaterals Ch-11: Constructions

## Entire syllabus in FINAL EXAMINATION

## PHYSICS SYLLABUS CLASS-IX (2021-22)

## TERM-I

S. No.	Duration	Chapter/Topic	No. of Teaching Periods	Syllabus Covered	Pedagogy (learnercentred)	Art Integrated/Other Activities
1.	April 1 <sup>st</sup> - 22 <sup>nd</sup>	Motion	4	Rest And Motion, Scalar and Vector Quantities, Distance and Displacement.	Demonstration, E- learning, Brainstorming, Computational thinking	Using experimental data compute the distance and displacement in various daily life situations.
2.	May 1 <sup>st</sup> - 28 <sup>th</sup>	Motion	8	Speed And Velocity, Average speed And Velocity, Uniform Motion	Incidental Learning, Context Based Learning, Brainstorming	Plot position vs time graph for the following cases a) Stationary motion b)uniform motion c) non uniform motion
3.	July 1 <sup>st</sup> – 30 <sup>th</sup>	Periodic Test1 + Motion	6	Acceleration, Uniformly Accelerated Motion, Equations Of Motion(Graphical Method)	E- learning, Brainstorming, Computational Thinking	Plot velocity vs time graph for the following cases and calculate slope in each case a)uniform acceleration b) non uniform acceleration c) deceleration
4.	August 1 <sup>st</sup> – 31 <sup>st</sup>	Laws Of Motion	8	Newton's laws Of Motion, Momentum, Law Of Conservation Of Momentum	E-Learning, Experiential based learning, Argumentation, Incidental Based Learning	<b>Experiential based activity:</b> The students will be asked to perform fun filled activity to understand law of conservation of momentum using simple things like a balloon, a straw, thread, a pair of scissors and an adhesive tape.
5.	September 1 <sup>st</sup> -15 <sup>th</sup>	Laws Of Motion+ Revision	2	Applications Of Law Of Conservation of Momentum + Revision	Context Based Learning, Brainstorming	

**Note:** Students will be asked to record the practicals in their practical file as per the cbse syllabus.

## Periodic Test 1:

Chapter-1: Motion Chapter-2: Laws Of Motion

## **Subject Enrichment Activity 1 :** Lab activities and their record.

## Multiple Assessment 1:

Experiential Learning Activities, MCQ tests, Oral Tests, etc.

**Portfolio 1:** Assignments and Poster.

## TERM-II

S. No.	Duration	Chapter/Topic	No. of Teaching Periods	Syllabus Covered	Pedagogy (learner centred)	Art Integrated/Other Activities
1.	Sept. 16 <sup>th</sup> – 30 <sup>th</sup>	Gravitation	4	Newton's Law Of Gravitation and Acceleration due to gravity	Activity oriented, Use of Multimedia, Demonstration	
2.	Oct. 1 <sup>st</sup> – 31 <sup>st</sup>	Gravitation (Contd.)	8	Mass and Weight, weightlessness, Floatation	E-Learning, Experiential based learning, Argumentation, Incidental Based Learning	Perform activity using thread, A ball,liquids of different Densities (if possible in the school or through O-Labs)
3.	Nov. 1 <sup>st</sup> - 30 <sup>th</sup>	Work, Energy And Power	6	Work and energy	Demonstration, E-learning, Computational Learning	Experiential Based Activity: Suppose that the book has a mass m, and the table top is a distance h above the floor. Write down an equation for the work W done by gravity on the book as it falls from the table top to the floor

4.	Dec1 <sup>st</sup> - 31 <sup>st</sup>	Revision + Work, Energy and Power (contd.)	4	Power	Activity method, Experiential Learning, E-Learning	Data Analysis Of The Electrical Energy Consumed In A Normal Household and Calculate The Electricity Bill
5.	Jan. 1 <sup>st</sup> – 31 <sup>st</sup>	Sound	6	Wave Motion, categorisation of waves, characteristics of waves	Learning Through Argumentation, Incidental Learning, Computational Thinking	Design a poster showing two musical instruments each of the state of Delhi And Sikkim.
6.	Feb. 1 <sup>st</sup> – 15 <sup>th</sup>	Sound (Contd.)+Revision	2	Structure Of Human Ear	E- learning, Discussion, Concept based learning.	

## Periodic Test 2:

Chapter-1: Gravitation

**Subject Enrichment Activity 1 :** Lab activities and their record.

## Multiple Assessment 1:

Experiential Learning Activities, MCQ tests, Oral Tests, etc.

**Portfolio 1:** Assignments and Poster.

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## **CHEMISTRY SYLLABUS**

## CLASS IX (2022-23)

## <u>TERM-I</u>

S.	Duration	Chapter /	No. of	Syllabus	Pedagogy (learner	Art Integrated /
No.		Торіс	Teaching	Covered	centred)	Other Activities
			Periods			
1.	April 1 <sup>st</sup> – 30 <sup>th</sup>	Chapter 2:- Is matter around us pure	6	Elements, compounds and mixtures, Heterogeneous and homogenous mixtures.	Brainstorming, Argumentative, Incidental learning, Activity-oriented, E-learning.	Activity to prepare a saturated solution of salt and sugar and check if the temperature increases the solubility.
2.	May 1 <sup>st</sup> – 21 <sup>st</sup>	Chapter 2:- continued	8	Solutions, Colloids and suspensions, Separating the Components of a Mixture.	Student-teacher interaction, Visualization, Integrative approach, Experiential learning, Compare- contrast matrix.	<ol> <li>Activity to distinguish between true solutions, colloids and suspensions.</li> <li>Mind map for separation of mixtures.</li> </ol>
3.	July 11 <sup>th</sup> – 31 <sup>st</sup>	Chapter 1: Matter in our surroundings	6	Definition of matter, States of matter, Characteristics of matter	Peer- learning, Critical thinking, Heuristic approach, Embodied learning, Inquiry based approach.	Activity to show the rate of diffusion using ink and honey
4.	Aug. 1 <sup>st</sup> - 31 <sup>st</sup>	Chapter 1:- continued	8	Change of state: melting (absorption of heat), freezing, evaporation (cooling by evaporation), condensation, sublimation.	Questioning, Visualization, Daily life experiences, interdisciplinary approach, Computational thinking, Reflective approach.	<ol> <li>Activity to determine melting point of ice and boiling point of water.</li> <li>Infographic for factors affecting rate of evaporation.</li> </ol>

5.	Sept. 12 <sup>th</sup> -23 <sup>rd</sup>	Term-I Exam	-	-	-	-

## NOTE:

Students will be asked to perform and record the practicals in their practical file as per the CBSE syllabus.

EXAM	UNIT/LESSON
PT-1	Chapter 2.
PT-2 (Term-1)	Chapter 1 + Chapter 2.

## <u>TERM-II</u>

S.	Duration	Chapter /	No. of	Syllabus	Pedagogy (learner	Art Integrated /
No.		Торіс	Teaching	Covered	centred)	<b>Other Activities</b>
			Periods			
6.	Sept. 26 <sup>th</sup> – 30 <sup>th</sup> Sep	Chapter 3:- Atoms and Molecules	2	Laws of Chemical Combination, Dalton and Modern Symbols, Atom and atomic mass.	Student – teacher interaction, Constructivist, collaborative learning, Independent practice, Creativity, Context based learning.	Jewellery design for first 18 elements of periodic table.
7.	Oct. 1 <sup>st</sup> – 31 <sup>st</sup>	Chapter 3:- continued	4	Molecules and ions, Chemical formulae, Molecular mass and Mole concept: Relationship of mole to mass of the particles and numbers.	Questioning, Constructivist, Problem solving, Communication, Compare- contrast matrix, Reflective and interdisciplinary approach.	Activity to write chemical formulae using play way methods such as game of cards.

8.	Nov. 1 <sup>st</sup> – 30 <sup>yh</sup>	Chapter 4:- Structure of atom	7	Charged particles in matter: Electrons, protons and neutrons; Models of atom.	Constructivist, Interrogative approach, Creativity, Collaboration. Critical Thinking, Multimedia content.	PPT/Video for explaining structure of atom
9.	Dec. 1 <sup>st</sup> – 31 <sup>st</sup>	Chapter 4:- continued	6	Electron arrangement in different orbits; Valency; atomic number and mass number; Isotopes and Isobars.	Brainstorming, Problem solving, Communication, Integrative approach, Incidental learning.	3 D model for displaying electronic configuration of elements in different orbits.
10.	Jan. 1 <sup>st</sup> – 25 <sup>th</sup>	Revision	12	-	-	-

## NOTE:

Students will be asked to perform and record the practicals in their practical file as per the CBSE syllabus.

EXAM	UNIT/CHAPTER
РТ-3	Chapter 3.
Final	Entire syllabus.

## MONTFORT SCHOOL <u>SYLLABUS (2022-23)</u> <u>CLASS: IX</u> <u>SUBJECT: BIOLOGY</u>

## <u>TERM I</u>

S.No.	Duration	Chapter/Topic	No. of Teaching	Syllabus Covered	Pedagogy (learner	Art Integrated/Experie
			Period		centred)	ntial learning Activities
1.	April 1 <sup>st</sup> -15 <sup>th</sup>	Ch – 5 The Fundamental unit of life	5	Introduction Discovery of cell Cell theory	Explanation and Discussion using audio visual aids or E-Learning	Make models of different types of cells.
2.	April 16 <sup>th</sup> - 30 <sup>th</sup>	Ch – 5 The Fundamental unit of life	5	Structural make up of cell Plasma membrane	Experiential learning, Activity based, E- Learning	Study of osmosis with egg/raisins/apricots
3.	May 1 <sup>st</sup> – 15 <sup>th</sup>	Ch – 5 The Fundamental unit of life	5	Cell wall Nucleus	Experiential learning, Activity based, E- Learning	Study of plasmolysis on a peel of <i>Rhoeo</i> leaf
4.	May 15 <sup>th</sup> – 28 <sup>th</sup>	Ch – 5 The Fundamental unit of life	6	Cytoplasm Cell organelles Cell division	Explanation and Discussion using audio visual aids or E-Learning Lab skills oriented	Preparation of Temporary mount of onion peel.
5.	July 1 <sup>st</sup> – 15 <sup>th</sup>	Ch- 6 Tissues	6	Revision for UT 1 + Plant tissues Meristematic tissues	Explanation and Discussion using audio visual aids or E-Learning Lab skills oriented	Observe and study the action of meristematic tissue in the roots of an onion bulb.
6.	July 16 <sup>th</sup> -31 <sup>st</sup>	Ch- 6 Tissues	5	Simple Permanent Tissues Parenchyma Collenchyma	Experiential learning, Activity based, E- Learning	Study the characteristics of simple permanent plant tissues with the help of permanent slides.
7.	Aug. 1 <sup>st</sup> -15 <sup>th</sup>	Ch- 6 Tissues	5	Collenchyma Scelerenchyma	Explanation and Discussion using audio visual aids or E-Learning Lab skills oriented	

8.	Aug. 16 <sup>th</sup> - 31 <sup>st</sup>	Ch- 6 Tissues	5	Complex permanent tissues Xylem Phloem	Experiential learning, Activity based, E- Learning	Study the cross- section of the stem of a plant under the microscope.
9.	Sept. 1 <sup>st</sup> -15 <sup>th</sup>	Revision and Examination	5	Revision + Term 1 Examination	Experiential learning, Activity based, E- Learning	Study the characteristics of Complex permanent plant tissues with the help of permanent slides.
10.	Sept. 16 <sup>th</sup> - 30 <sup>th</sup>	Revision and Examination	6	Term 1 Examination	Practice of HOTS and value based questions	

## <u>TERM II</u>

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11.	Oct. 1 <sup>st</sup> -15 <sup>th</sup>	Ch- 6	3	Animal Tissues	Experiential	Study the
		Tissues		Types of Epithelial	learning,	characteristics of
				tissues	Activity	types of muscular
				Muscular tissue	based, E-	tissues in animals
					Learning	using a microscope.
12.	Oct. 16 <sup>th</sup> -	Ch- 6	3	Connective tissue	Explanation	Observe blood cells
	31 <sup>st</sup>	Tissues		Nervous tissue	and	under the
					Discussion	microscope.
					using audio	
					visual aids or	
					E-Learning	
					Lab skills	
					oriented	
13.	Nov. 1 <sup>st</sup> –	Ch-13	4	Difference	Experiential	Infer 'symptoms'
	15 <sup>th</sup>	Why do we fall		between being	learning,	and 'signs' of falling
		ill?		healthy and being	Activity	ill, in order to
				disease free	based, E-	identify a disease.
					Learning	
14.	Nov. 16 <sup>th</sup> -	Ch-13	5	Acute and chronic	Explanation	Open discussion
	30 <sup>th</sup>	Why do we fall		diseases	and	among students
		ill?			Discussion	about current
				Infectious and non	using audio	pandemic/Corona
				infectious diseases	visual aids or	virus/Antibodiesetc
					E-Learning	
					Lab skills	
					oriented	
15.	Dec 1 <sup>st</sup> -15 <sup>th</sup>	Revision and	5	Revision + UT 2	Practice of	
		Examination			HOTS and	
					value based	
					questions	
16.	Dec. 15 <sup>th</sup> -31 <sup>st</sup>	Ch-13	5	Significance of	Experiential	
		Why do we fall		Health	learning,	
		ill?			Activity	
					based, E-	
					Learning	
17.	Jan 1 <sup>st</sup> -15 <sup>th</sup>	Ch-13	2	Diseases and its	Explanation	Infer 'symptoms'
		Why do we fall		Causes	and	and 'signs' of falling

		ill?			Discussion	ill, in order to
					using audio	identify a disease.
					visual aids or	
					E-Learning	
					Lab skills	
					oriented	
18.	Jan 16 <sup>th</sup> -30 <sup>th</sup>	Ch-13	6	Infectious diseases	Explanation	Open discussion
		Why do we fall		Principles of	and	among students
		ill?		treatment	Discussion	about current
				Principles of	using audio	pandemic/Corona
				prevention	visual aids or	virus/Antibodies
					E-Learning	etc
					Lab skills	
					oriented	
19.	Feb 1 <sup>st</sup> -15 <sup>th</sup>	Revision and	6	Revision and	Practice of	
		Examination		Examination	HOTS and	
					value based	
					questions	
20.	Feb 16 <sup>th</sup> -28 <sup>th</sup>	Revision and	6	Revision and	Practice of	
		Examination		Examination	HOTS and	
					value based	
					questions	

## **EXAMINATION SCHEDULE**

Examination	Max Marks	Month	Syllabus covered
Unit test – I	50 Marks	July	Chapter -5 The Fundamental Unit of Life
First Semester (Term I)	80 Marks	September	Chapter -5 The Fundamental Unit of Life
			Chapter -6 Tissues
Unit test – II	50 Marks	December	Chapter – 6 Tissues
			Chapter – 7 Why do we fall ill?
Final Exam(Term II)	80 Marks	February	Chapter – 6 Tissues
			Chapter – 7 Why do we fall ill?

## SOCIAL SCIENCE MONTH WISE BREAK UP OF SYLLABUS (2022-23) CLASS IX

S.NO	DURATION	NO. OF	TOPICS /	PEDAGOGY	ART	OTHER
		TEACHING	SYLLABUS TO		INTEGRATED	ACTIVITIES
		PERIODS	BE COVERED		ACTIVITIES	
1.	1.4.22-	10	1.India Size and	Demonstration,	Map work-	
	15.4.22		Location	audio visuals,	location and	
				Critical thinking,	labelling	
				Globe reading,		
				Map skills		
			2. The French		Drawing and	Group
			Revolution	Explanation,	Interpretation	activity/Role
				Discussion, story	of Political	play
				telling,Videos,	Symbols	highlighting
				Model charts,	during	the
				Timelines, Activity	eighteenth	personalities
				based learning	century	of Louis XVI,
					France	Napolean,
						Maximillian
						Robesppiere
2.	16.4.22-	12	The French	Explanation	Drawing and	Group activity
	30.4.22		Revolution	.Discussion. story	Interpretation	highlighting
			(cont.)	telling,Videos,	of Political	the
				Model charts,	Symbols	personalities
				Timelines, Activity	during	of Louis XVI,
				based learning	eighteenth	Napolean,
					century	Maximillian
			3. The story of	Discussion,	France	Robesppiere
			village	Narration,		
			Palampur	Storytelling, PPT,		Poster Making
				Critical thinking		on World
				and analysis of		Labour Day
				data, Case studies		
3.	1.5.22-	10				Debate/
	20.5.22		4.What is	Explanation,		Group
			Democracy?	Interaction, PPTS,		discussion on
			Why	Pictorial analysis,		different
			Democracy?	Stories on		forms of
				democracy and		government
				dictatorships,		
		   _		Brainstorming	<b>•</b> • • *	
4.	1.7.22-	7		Description, PPTs,	Students (in	Map Activity
	12.7.22		5.Physical Eastures Of	Andrysis and Synthesis	bronare a	
			reatures UI	Synthesis, Experiential	prepare a	
			mula	LAPENCIUM loarning through	on the	
				group activity	different	
				Droup activity	nhysiogranhic	
					divisions of	
					India with	

					their strategic importance	
5.	16.7.22- 31.7.22	13	Physical Features Of India(contd)			
			6.Constitutional Design	Collaborative learning, Analysing the role of the Constituent Assembly, Discussion on the contributions of Nelson Mandela and Mahatma Gandhi in the making of the Constitution of their respective countries Critical and creative thinking	Poster making on the Preamble of the Constitution	Role play (Dr. B.R.Ambedkar , Mahatma Gandhi, Nelson Mandela)
6.	1.8.22- 15.8.22	8	7.People As Resource	Interactive and collaborative learning, explanation, Classification of economic activities Brainstorming		Activity on International Youth Day
7.	16. 8. 22- 31.8.22	13	8.Socialism and the Russian Revolution	Interaction, Explanation, Storytelling, Peer group Discussion ,Audio-visuals, Timelines Interactive and collaborative learning,	Map Skills- Location and labelling of the Allied Powers and Axis Powers on the World Map	Group discussions /presentation s on various aspects related to the chapter
8.	1. 9.22- 23.9.22.		Revision + 1st Term Exams			

9.	1.10.22- 15.10.22	8	Socialism and the Russian Revolution (contd.)	Interaction, Explanation, Storytelling, Peer group Discussion, Audio visuals Timelines Interactive and collaborative learning,	Map Skills- Location and labelling of the Allied Powers and Axis Powers on the World Map	Group discussions / Role play on various aspects related to the chapter(Worl d War 1, Tsar Nicholas -II, Vladimir Lenin, Stalin, Kerenskii)
			9.Poverty As a Challenge	Context based learning, discussion, PPTs, analysis of data, Critical evaluation of the anti poverty schemes , activity based learning		Activity on International Poverty Eradication Day
10.	16.10.22- 30.10.22	10	10.Electoral Politics	Explanation , Discussion on stages of elections, Critical thinking, audio visuals , Case studies, examples, activity based learning		Role play (different stages of elections)/Cas e study on Assembly elections of a given state
11.	1.11.22- 15.11.22	11	11.Working of Institutions	Explanation, Peer group discussion, PPTs, Analysis, Comprehension Brainstorming Direct teaching,	Poster Designing on the three Institutions of India(Any one to be taken up by the students)	Youth Parliament/D ebate on the role of the Parliament, Executive and Judiciary of our country.
12.	16.11.22- 30.11.22	13	12.Nazism and the rise of Hitler	Direct teaching, Brain Storming, discussion, Videos /movies related to Hitler, Bio Sketch	Map activity (axis and allied powers pf world war 2)	Students in group to give a presentation on different aspects of Hitler's life

13.	1.12.22- 15.12.22	6	13.Natural Vegetation and Wildlife	Discussion, classification of forests, description of flora and fauna of India, group activity, Collaborative learning, Brainstorming	Map Skills/ Brochure on climate /physiograpic division of any one state of India(paired state with Delhi)	
14.	16.12.22- 31.12.22	13	14.Climate	Descriptive method, Direct teaching, Interpretation of data, Analysis of various terms Experiential learning through observation of different seasons and their characteristics	Map Activity	Activity- To find out the climatic condition of a given place and the factors responsible for it
	1.1.23- 15.1.23	5	Climate (contd)	Direct teaching, experiential learning, audio - Visuals, Peer group discussion.		
15.	16.1.23- 31.1.23	13	Revision for Final exams.			

## SYLLABUS FOR PERIODIC TEST 1

India size and location The story of village Palampur French Revolution

## SYLLABUS FOR HALF YEARLY EXAM/ PERIODIC TEST 2

**French Revolution** 

India Size and Location

Physical features of India

What is democracy? Why democracy?

**Constitutional design** 

The Story of Village Palampur

**People As Resource** 

**SYLLABUS FOR PERIODIC TEST 3** 

**Electoral Politics** 

Nazism and the rise of Hitler

SYLLABUS FOR FINAL EXAM

**Russian Revolution** 

Nazism and the rise of Hitler

Climate

Natural Vegetation and Wildlife

**Electoral Politics** 

Working of Institutions

Poverty as a Challenge

#### **INTERNAL ASSESSMENT (20 Marks)**

**1.PORTFOLIO** (Classwork/Assignments/Map Activities/ participation of students in different activities like Heritage India Quiz/) – 5 MARKS

2.PERIODIC TESTS Pen Paper Test – 5 Marks

**3.** Assessment using MULTIPLE STRATEGIES -For Example-Quiz, Debate, Role play, viva, Group Discussion, Visual Expression, interactive bulletin board, Gallery Boards, Exit cards, Concept Maps, Peer assessment, self assessment etc. **5** Marks

4.SUBJECT ENRICHMENT- (project on Disaster Management/Art Integrated Activity)- 5 MARKS

## Computer Sc. SYLLABUS CLASS-9 (2022-23)

## TERM-I

S. No.	Duration	Chapter/Topic	No. of Teaching Periods	SyllabusCovered	Pedagogy (learner- centred)	Art Integrated/Other Activities
1.	April 1 <sup>st</sup> – 15 <sup>th</sup>	Digital Documentation (Open office Writer)	2	Creating, saving and formatting a document in Open Office Writer.	Demonstra tion of the software, Activity oriented	Write a paragraph and format it using formatting features and save the file.
2.	April 16 <sup>th</sup> - 30 <sup>th</sup>	Digital Documentation	2	Alignment, Spell check, Thesaurus	Practical Exercises, Demonstration through screen sharing	Check spelling mistakes in the document, find synonym of a given word.
3.	May 1 <sup>st</sup> – 15 <sup>th</sup>	Digital Documentation	2	Font dialog box, Margins, Page orientation, Change case, Bullets and numbering, Find and Replace	Practical Exercises, Demonstration through screen sharing	Page and character formatting. Create a list of subjects.
4.	May 16 <sup>th</sup> – 28th	Digital Documentation	2	Working with tables	Demonstration, Activity oriented	Create class timetable and format it.
5.	July 1 <sup>st</sup> – 15 <sup>th</sup>	Digital Documentation	2	Creating Styles , Inserting images, image properties	Activity oriented, creative skills	Create a style and load it in a file. Insert an image in the document, crop it, use filter effects, apply text wrapping.
6.	July 16 <sup>th</sup> – 31st	Communication Skills	4	Types of communication, barriers in communication.	Brainstorming, e-learning, Activity oriented	Demonstrate cycle of communication.
7.	August 1 <sup>st</sup> – 15 <sup>th</sup>	ICT skills	2	Components of computer system, Internet and its applications, Operating system, Working with files and folders.	Multimedia tools, E-learning, Activity oriented	Write application area of various input / output devices.

8.	August 16 <sup>th</sup> – 31 <sup>st</sup>	Spreadsheet (Open office Calc.)	4	Workbook and worksheet -Basic calculations -Format cells	Demonstration, e-learning, Activity oriented	Create a worksheet to enter students name and marks of 5 subjects. Find total marks. Change the color of the cells.
9.	Sept. 1 <sup>st</sup> – 15 <sup>th</sup>	Spreadsheet	2	Functions in Open office Calc.	Practical session, demonstration	Use MAX, MIN, AVERAGE, SUM functions in a worksheet

## Subject Enrichment Activity 1:

Art Integrated Project, Practical sessions through screen sharing, Project work.

## Multiple Assessment 1:

Experiential Learning Activities/ Online activities, MCQ tests, Practical Tests, etc.

S. No.	Duration	Chapter/To pic	No. of Teachin g Periods	Syllabus Covered	Pedagogy (learner- centred)	Art Integrated/Other Activities
1.	Sept. 16 <sup>th</sup> – 30 <sup>th</sup>	Spreadsheet	2	Cell referencing, creating charts	Activity oriented, Demonstrat ion, practical exercise	Use absolute referencing to calculate simple interest for a given principle amount, time, keeping rate fixed. Represent data visually using charts.
2.	Oct. 1 <sup>st</sup> – 15 <sup>th</sup>	Spreadsheet	2	Cell address, Using simple formulas	Activity oriented, Brainstor ming, demonstr ation	Write formula to find total marks obtained by each student in the worksheet.
3.	Oct. 16 <sup>th</sup> - 31 <sup>st</sup>	Entreprene ur skills, Green skills	3	Types of business activities, - Characteristics of entrepreneursh ip, Green economy.	Brainstorming, inductive learning.	Make a presentation on Green skills implemented through waste management, water management, green transport, green building etc.

## <u>TERM-II</u>

4.	Nov. 1 <sup>st</sup> - 15 <sup>th</sup>	Advanced features of Spreadsheet	4	Using Subtotal, Consolidate data in Calc.	Activity method, Inductive- Deductive, online Practical session	Create a worksheet to implement subtotals, consolidate data from multiple sheets
5.	Nov. 16 <sup>th</sup>	Self managemen t skills, Introductio n to IT and ITeS	4	Importance of positive attitude, self confidence, grooming. BPO and BPM services	Brainstorming, E-learning	Discuss importance of self management in one's life.
6.	Dec. 1 <sup>st</sup> – 15 <sup>th</sup>	Digital presentatio n (Open office Impress)	2	Creating, saving and viewing a presentation, Presentation views	Activity oriented, demonstration, Practical session	Create a presentation on internet services, change slide theme.
7.	Dec. 16 <sup>th</sup> - 31 <sup>st</sup>	Digital presentatio n	4	Transitions and animations	Activity oriented, demonstratio n, Practical session	Give animation and transition effect on the presentation.
8.	Jan. 1 <sup>st</sup> – 15 <sup>th</sup>	Web Application s and Security	1	Working with accessibility options.	Brainstorming, e-Learning, Inductive- Deductive	Perform the following activities on computer 1. Use StickyKeys option 2. Use Sound entry option 3. Use High Contrast 4. Use SerialKeys option
9.	Jan. 16 <sup>th</sup> - 31 <sup>st</sup>	Web Application s and Security Data entry and keyboardin g skills	4	Types of keys, mouse operations, networking fundamentals	Activity Method, E-learning, web tools	List any 3 ISP's available in your city. After collecting information such as connectivity type, speed and charges, compare them and state which is the best ISP
10.	Feb. 1 <sup>st</sup> – 15 <sup>th</sup>	Assessment, Revision	2	Practical test, revision , internal assessments	Activity Method, Practical exercise	Practical exercise based on Open office Calc, Impress

## Subject Enrichment Activity 2:

Practical Activities, Experiential Learning Activities, project work.

## Multiple Assessment 2:

MCQ tests, Practical sessions, Oral test etc.

## **Art Education**

Class IX, 2022-23

#### I Semester

## April to July:

Two dimensional or pictorial works

Topic: Drawing and Colouring

- 1) Fashion Drawing
- 2) Garment Designing/dress designing
- 3) Indian traditional art
- 4) Cartoons and Caricature

#### August to September

Topic: Painting

- 1) Water colour painting
- 2) Pastel/Pencil Colour painting

II Semester October Topic: Calligraphy Art

## November to December

Topic: Collage Painting

#### January to February 2023: Three dimensional or Sculptural Activities

#### Topic: Clay Modelling

- 1) Making different forms and shape with clay
- 2) Making shapes and forms of human figures, Birds, Animals, Vegetables, Fruits and Jewellery etc

## HOLIDAY HOMEWORK

Picture composition on 1/4th cartridge sheet and colour it in any medium.

## Physical Education –IX (2022-23)

## <u>Semester –I</u>

## Track and field (Boys/Girls)

- 1. 100m race
- 2. 200m race
- 3. 400m race
- 4. 4x100m race
- 5. Long Jump
- 6. Standing broad jump(fitness test)
- 7. Height and Weight (Boys/Girls)

## <u>Semester – II</u>

- 1. Cricket Boys/Girls
- 2. Volleyball Boys
- 3. Throwball Girls

## **Cricket :** Practice the techniques learnt in previous classes.

## **Volleyball :** - Rules and regulations.

## - Measurement.

- Under arm service.
- Under arm pass
- Rotation.

## **Throwball:** - Rules and regulations.

- Measurement.
- Service.
- Catching and throwing.

## Shuttle Run (fitness test)