



D.A.V. INSTITUTIONS MAHARASHTRA AND GUJARAT ZONE
UNDER THE AEGIS OF DAVCAE, DAVCMC, NEW DELHI
CURRICULUM PLAN : 2024-25

STANDARD: X

SUBJECT: ENGLISH COMMUNICATIVE

PRESCRIBED TEXT BOOK : LITERATURE READER, WORK BOOK, MAIN COURSE BOOK

Month	Ch. No	No of Periods	Chapter Name.	Learning Objectives	Learning Outcomes	Monthly test	Multiple Assessments & Portfolio	Subject Enrichment
A P R I L	1	5	Fiction -Two Gentlemen of Verona	To enable students to imbibe the qualities of helpfulness, kindness, empathy and trust.	Students will be able to write the character sketch of the two gentlemen	Revision test	Art Integration - Recreate any scene from the poem 'The Frog and the Nightingale' (dialogue writing)	Story -Plot diagram
	1	4	Poem -The Frog and the Nightingale	To enable students to realize their potential and hone their talents.	Students recreate a scene from the poem.			
	1	3	Reader -Health and Medicine	To enable students to inculcate healthy living routine	Students will follow a healthy diet and healthy routine.			
	1 & 13	4	Grammar -Determiners, Reported speech	To enable the students to use determiners and reported speech accurately	Students will be able use determiners and reported speech in different situations.			
		2	Writing skill - Email	To enable the students to draft emails accurately	Students will be able to write emails in different situations.			

				Learning Objectives	Learning Outcomes	Monthly test	Multiple Assessments & Portfolio	Subject Enrichment
JUNE	2	4	Fiction Mrs Packletide's Tiger	To enable the students to understand the destructive powers of human emotions and control it effectively.	Students understand that they should keep their desires and aspirations under control and maintain universal brotherhood.	Revision test	Poster on Protection of wildlife	Recitation of poem
	2	3	Poem –Not Marble, nor the Glided Monuments	To express the immorality of the subjects of poetry through the power of verse	Students will be able to understand the power of written words and compose a poem			
	2	3	Reader -Education	To enable students to realise importance of education in ones life.	Students will be able emulate the role of education in ones life.			
	2 , 3 & 11	3	Grammar -Tenses, Subject-Verb Agreement, Modals	To enable the students to use Tenses, Subject-Verb Agreement accurately	Students will be able use Tenses, Subject-Verb Agreement in different situations.			
		3	Writing skill - Factual Description	To enable the students to write factual descriptions accurately	Students will be able to write factual descriptions.			

				Learning Objectives	Learning Outcomes	Monthly test	Multiple Assessments	Subject Enrichment
J U L Y	1	6	Drama -The Dear Departed	To realize importance of humanity.	Students will understand the value of human relationships rather than value materialistic things	Revision test	Art Integration- Mobile Dictionary	Role Play
	3	4	Reader -Science, Environment	To enable students to understand importance of science in daily life and develop scientific temper	Students will be able save environment through various small gestures.			
	4, 5 & 6	5	Grammar - Non-finites, Relatives ,Connectors	To enable the students to use Non-finites , Relatives, Connectors accurately	Students will be able use Non-finites, Relatives, Connectors in different situations.			
		5	Writing Skill - Formal Letter	To enable the students to write formal letter accurately	Students will be able to write formal letters in different situations.			
				Learning Objectives	Learning Outcomes	Monthly test	Multiple Assessments & Portfolio	Subject Enrichment
	3	4	Fiction -The Letter	To enable the students to develop communication skills and value others emotions.	Students will write thank you letters/messages to their parents.			

AUGUST	3	3	Poem- Ozymandias	To explore the fact of history and ravages of time	Students will value time, follow time management and submit their assessment in time	Revision test	Art Integration - Reading for pleasure/ Lotus Grid	Depicting a character arc through graphics
	4	3	Poem- The Rime of the Ancient Mariner	To understand that thoughtless act can have bad repercussions	Students will think critically about the outcome before they act			
	7,8 & 9	5	Grammar - Conditionals, Comparison, Avoiding Repetition	To enable the students to use Conditionals, Comparison, Avoiding Repetition accurately	Students will be able use Conditionals, Comparison, Avoiding Repetition in different situations.			
	4	3	Reader - Travel and Tourism	To enable students to develop an appropriate itinerary and understand its importance.	Students will be able to produce itinerary.			
		3	Writing skill - Article	To enable the students to write an article accurately	Students will be able to write an article.			
SEPTEMBER			PERIODIC TEST -II					
				Learning Objectives	Learning Outcomes	Monthly t	Multiple Assessments & Portfolio	Subject Enrichment
OCTOBER	4	5	Fiction- A Shady Plot	To know how supernatural, ghostly elements can backfire	Students will showcase scientific temper and critical thinking.			
	5	5	Fiction –Patol Babu, The Film Star	To understand the fact that money is insignificant when measured with perfection	Students will depict perfection in their job			

	12	3	Grammar -Active and Passive	To enable the students to use active passive accurately	Students will be able use active passive in different situations.	Revision test	fiery and icy emotions through emojis/word bubble	Slogan Writing
	5	6	Poem -Snake	To enable students think and write effectively using the given hints.	Students read and comprehend the given text. Write using appropriate format and fluency and apply the grammar rules.			
				Learning Objectives	Learning Outcomes	Monthly test	Multiple Assessments & Portfolio	Subject Enrichment
N O V E M B E R	6	5	Fiction - Virtually True	To understand the value of perseverance and connection between virtual and real world.	Students will draw connection between virtual and real world.	Revision test	Art Integration- Word bubble/Slogan Writing/Reading for pleasure	Dramatization
	2	9	Drama -Julius Caesar	To develop leadership qualities and oratory skills	Students will present monologues.			
	5	2	Reader - National Integration	To enable students to develop feeling of patriotism and inculcate national intergeneration	Students will be able to showcase national intergeneration through various activities			
	10 & 14	3	Grammar - Nominalisation, Preposition	To enable the students to use nominalisation accurately	Students will be able use nominalisation in different situations.			
DECEMBER- III PERIODIC AND REVISION								
JANUARY - PREPARATORY 1&2								
FEBRUARY								

कक्षा –दसवीं (हिंदी)

डी. ए. वी. पब्लिक स्कूल, औंध, पुणे (2024–2025)

माह/दिन	पुस्तक का नाम व पाठ का नाम	उद्देश्य /मूल्य	अपेक्षित कुशलताएँ	क्रियाकलाप
मार्च 07	स्पर्श – गद्य पाठ – 1. बड़े भाई साहब	1. बाल मनोविज्ञान का परिचय कराना।	1. बाल मनोविज्ञान से परिचय।	
अप्रैल 20	संचयन – पाठ 1. हरिहर काका स्पर्श – पद्य पाठ – 1. साखी 2. पद लेखन कार्य – 1. विज्ञापन लेखन	1. समाज में पनप रही कुरीतियों से परिचित कराना। 2. नैतिक / जीवन मूल्यों का विकास कराना। 3. समर्पण की भावना से परिचित कराना। 4. विज्ञापन लेखन विधा से परिचित कराना।	1. कुरीतियों से परिचय। 2. नैतिक जीवन मूल्यों का विकास। 3. समर्पण की भावना का विकास। 4. विज्ञापन लेखन विधा से परिचय।	विज्ञापन लेखन
जून 20	स्पर्श – गद्य पाठ – 2. डायरी का एक पन्ना स्पर्श – पद्य पाठ – 3. मनुष्यता लेखन कार्य – 2. पत्र लेखन व्याकरण – 1. मुहावरें, 2. पदबंध	1. देश-प्रेम की महत्ता से परिचित कराना। 2. मानव जीवन को सार्थक बनाने में जो सक्षम गुण हैं, उन गुणों से परिचित कराना। 3. पत्र लेखन विधा से परिचित कराना। 4. मुहावरों व उनके अर्थ से परिचित कराना। 5. पद व पदबंध के अंतर का ज्ञान कराना।	1. देश-प्रेम की भावना का विकास। 2. मनुष्य के गुणों से परिचय व विकास। 3. पत्र लेखन विधा से परिचय। 4. मुहावरों व उनके अर्थ से परिचय। 5. पद व पदबंध के अंतर की समझ।	पत्र लेखन

<p>जुलाई 23</p>	<p>व्याकरण – 3. रचना के आधार पर वाक्य रूपांतरण 4. समास लेखन कार्य – 3. सूचना लेखन 4. ई-मेल लेखन अपठित गद्यांश पुनरावृत्ति कार्य</p>	<p>1. वाक्य व समास के भेदों से परिचित कराना। 2. सूचना लेखन व ई-मेल लेखन जैसी विधाओं से परिचित कराना।</p>	<p>1. वाक्य व समास के भेदों की समझ। 2. सूचना लेखन व ई-मेल लेखन जैसी विधाओं से परिचय।</p>	<p>सूचना लेखन एवं ई-मेल लेखन</p>
<p>अगस्त 23</p>	<p>संचयन – पाठ – 2. सपनों के से दिन स्पर्श – गद्य पाठ – 3. तताँरा वामीरो कथा स्पर्श – पद्य पाठ – 4. पर्वत प्रदेश में पावस लेखन कार्य – 5. अनुच्छेद लेखन</p>	<p>1. लेखक के स्कूली जीवन के अनुभवों से परिचित कराना। 2. प्राचीन परंपरा व कुरीतियों से परिचित कराना। 3. प्रकृति की सुंदरता से परिचित कराना। 4. अनुच्छेद लेखन विधा से परिचित कराना।</p>	<p>1. लेखक के स्कूली जीवन के अनुभवों को अपने अनुभवों से जोड़ने का प्रयास। 2. प्राचीन परंपरा व कुरीतियों से परिचय व समझ। 3. प्रकृति की सुंदरता से परिचय। 4. अनुच्छेद लेखन विधा से परिचय।</p>	<p>अनुच्छेद लेखन</p>

<p>सितंबर 19</p>	<p>स्पर्श – गद्य पाठ – 4. तीसरी कसम के शिल्पकार शैलेंद्र लेखन कार्य – 6. लघुकथा लेखन पुनरावृत्ति कार्य</p>	<p>1. शिल्पकार शैलेंद्र व उनकी रचना से परिचित कराना। 2. लघुकथा लेखन विधा से परिचित कराना।</p>	<p>1. शैलेंद्र व उनकी रचनाओं से परिचय। 2. लघुकथा लेखन विधा से परिचय।</p>	<p>लघुकथा लेखन</p>
<p>अक्टूबर 19</p>	<p>स्पर्श – गद्य पाठ – 5. अब कहाँ दूसरे के दुख ... 6. पतझर में टूटी पत्तियाँ स्पर्श – पद्य पाठ – 5. तोप 6. कर चले हम फ़िदा</p>	<p>1. मनुष्य के बढ़ते लालच व आकांक्षाओं का प्रकृति पर हो रहे असर का परिचय कराना। 2. जागरूक नागरिक बनने की प्रेरणा देना। 3. व्यस्ततम दिनचर्या में ध्यान के महत्त्व से परिचित कराना। 4. वीरेन उंगवाल की काव्य-भाषा से परिचित कराना। 5. भारतीय जाँबाजों के प्रति आदर भाव जगाना।</p>	<p>1. प्रकृति पर हो रहे असर से परिचय। 2. ध्यान के महत्त्व की समझ। 3. काव्य-भाषा से परिचय। 4. देशभक्ति की भावना का विकास।</p>	<p>पठन व श्रवण कौशल</p>

नवंबर 18	स्पर्श – गद्य पाठ – 7. कारतूस स्पर्श – पद्य पाठ – 7. आत्मत्राण संचयन – पाठ – 3. टोपी शुक्ला	1. भारतीय जाँबाजों के कारनामों से परिचित कराना। 2. आत्मशक्ति से परिचित कराना। 3. 'सच्ची मित्रता किसी जाति, धर्म या आयु के बंधन को नहीं मानती' इससे अवगत कराना।	1. भारतीय जाँबाजों के कारनामों से परिचय। 2. आत्मशक्ति से परिचय। 3. सच्ची मित्रता से अवगत।	
दिसंबर 17	पुनरावृत्ति कार्य	पुनरावृत्ति कार्य	पुनरावृत्ति कार्य	
जनवरी 23	Pre Board Exam	पुनरावृत्ति कार्य	पुनरावृत्ति कार्य	
फरवरी 20	पुनरावृत्ति कार्य	पुनरावृत्ति कार्य	पुनरावृत्ति कार्य	
मार्च 23	Board Exam	Board Exam	Board Exam	

महिना व दिवस	घटक व उपघटक	अपेक्षित कौशल्य	उपक्रम व गृहपाठ	व्याकरण
मार्च ०७	तू बुद्धी दे....	प्रस्तुत कवितेत सन्मार्ग, सन्मती व सत्संगती यांचे महत्त्व अधोरेखित केले आहे. कायम सत्याची कास धरावी, संवेदनशीलता जपण्यासाठी ताकद मिळावी, अनाथांचे नाथ होण्यास बळ मिळावे व शाश्वत सौंदर्याचा ध्यास लागावा, या भावना प्रार्थनेतून व्यक्त झाल्या आहेत.	कवितेचे तालासुरात गायन करावे वहीत कविता सुवाच्य अक्षरात लिहिणे.	कविता वहीत लिहिणे.
एप्रिल २०	अ) अंकिला मी दास तुझा	या अभंगात संत नामदेवांनी विविध दृष्टांतातून परमेश्वर कृपेची याचना केली आहे.	निबंध – संतांचे विचार आजच्या पिढीलाही मार्गदर्शक.	वाक्यांचे प्रकार.
	शाल	शाल ही प्रतिकात्मक आहे. शालीमुळे येणारा शालीनतेचा संदर्भ अंतर्मुख करणारा आहे. कोणत्याही निर्जीव वस्तूशी निगडित असलेले संदर्भ मानवी भावना तरल ठेवतात. वस्तूशी निगडित कोणतीही आठवण असो वा प्रसंग, त्याचे मानवी संदर्भच सर्वार्थाने महत्त्वाचे ठरतात.	पत्रलेखन – शालेय पोषक आहारासाठी अन्नधान्य मागणीपत्र.	शब्दांच्या जाती, काळ.
जून २०	उपास	मध्यमवर्गीय व्यक्तीचा संकल्प व संकल्पपूर्तीत कसे अंतर पडते आणि संकल्प करणारे व्यक्ती कसे हास्यास्पद ठरतात याचे मजेदार वर्णन पाठाद्वारे करणे.	कथालेखन – संकल्प तुटला व हसू झाले.	लिंग, वचन, शब्दार्थ, समानार्थी, विरुद्धार्थी.
	मोठे होत असलेल्या मुलांनो...	बार्क मधील लेखकाचे अनुभव त्यांनी इथे सांगितलेले आहेत. कुठल्याही मोठ्या कामाची सुरुवात असंख्य छोट्या छोट्या कामांमधून होत असते. म्हणून कोणतेही काम हे कमी दर्जाचे नसते. कितीही अडचणी आल्या तरी त्यातून मार्ग काढत जावे, हा संदेश त्यांनी दिला आहे.	निबंधलेखन – लॉकडाऊन एक कठीण काळ.	शब्दांच्या जाती, काळ.
जुलै २३ (1 st UT)	दोन दिवस	जीवनाचे वास्तव चित्र रेखाटताना लेखक सांगतो की, भाकरीचा चंद्र शोधण्यातच जिंदगी बरबाद झाली. जगाच्या शाळेत दुःख पचवून जगण्याची शिकवण कवी देतात.	पत्रलेखन – अनियमित वीजपुरवठा	वाक्यांचे प्रकार, प्रयोग
	चुडीवाला	कुष्ठरोग्यांची वसाहत निर्माण करणारे डॉ. शिवाजीराव उर्फ दाजीसाहेब पटवर्धन यांच्या अमरावती येथील तपोवनामध्ये संक्रात व ज्येष्ठ पौर्णिमेला कुष्ठरोगी स्त्रिया आणि मुलांना बांगड्या भरणाऱ्या अब्दुलच्या संवेदनशील मनाचे वर्णन केले	कथालेखन – आजाराशी झुंज देणाऱ्या रुग्णाची कथा.	लिंग, वचन, शब्दार्थ, समानार्थी, विरुद्धार्थी.

		आहे. समाजऋण या मूल्याची जपवणूक व माणुसकीचे दर्शन पाठातून घडविले आहे.		
ऑगस्ट २३	ऊर्जाशक्तीचा जागर	लहानपणीच पित्याचे छत्र हरवलेल्या माशेलकरांना आईने अत्यंत प्रतिकूल परिस्थितीतून जिद्दीने शिक्षण घेण्यास प्रवृत्त केले याचे वर्णन पाठाद्वारे करणे.	निबंध – डॉक्टराचे आत्मवृत्त	शब्दांच्या जाती, काळ.
	औक्षण	सीमेवर लढायला जाण्यासाठी सुसज्ज झालेल्या जवानाला साऱ्या देशवासीयांकडून केले जाणारे हे औक्षण आहे. औक्षण करताना मनात येणाऱ्या भावनांचे वर्णन अत्यंत हृदयद्रावक शब्दांत केले आहे.	निबंध – सैनिकाचे आत्मवृत्त	वाक्यांचे प्रकार, प्रयोग.
सप्टेंबर १९ (1 st Term)	रंग साहित्याचे	सदर पाठातून विविध साहित्यप्रकारांचा परिचय करून दिला आहे. या साहित्यप्रकारांशी मैत्री केली तर मनोरंजनाबरोबर आपले ज्ञानही वाढेल. नाट्यरूपातील हा पाठ विविध कलाकृतींचा परिचय आपल्याला करून देतो.	कथालेखन – वृक्षसंवर्धनाविषयी निबंध – माझे आवडते साहित्य	शब्दांच्या जाती, काळ.
	खरा नागरिक	शालेय विषय शिकत असताना केवळ ती शिकायची नसतात तर त्यातील मूल्ये आचरणात आणायची असतात. 'निरंजन' या व्यक्तिरेखेच्या माध्यमातून प्रसंगावधानचा पाठ घालून दिला आहे दाखवले आहे.	पत्रलेखन – अनियमित पाणीपुरवठा	वाक्यांचे प्रकार, प्रयोग
ऑक्टोबर १९	स्वप्न करू साकार	देशाच्या उज्ज्वल भविष्याचे स्वप्न रेखाटले आहे. कृषिसंस्कृती, श्रमप्रतिष्ठा एकजुटीचे सामर्थ्य या मूल्यांचे महत्त्व पटवून दिले आहे.	कथालेखन – शेतकरी वा कोणताही व्यावसायिक.	लिंग, वचन, शब्दार्थ, समानार्थी, विरुद्धार्थी.
	१५. माझे शिक्षक व संस्कार	शालेय वयात शिक्षकांकडून नकळत केल्या जाणाऱ्या संस्कारांचे महत्त्व पाठातून समजावून सांगणे. शिक्षक नवीन पिढी तयार करत असतो. आजचा विद्यार्थी उद्याचा नागरिक आहे. याची जाणीव करून देणे.	निबंधलेखन – शाळा बंद पडल्या तर....	लिंग, वचन, समानार्थी, विरुद्धार्थी, प्रयोग, शब्दांच्या जाती, काळ, वाक्यांचे प्रकार.
नोव्हेंबर १८	व्युत्पत्ती कोश	व्युत्पत्ती कोशाचे महत्त्व व गरज. विद्यार्थ्यांना भाषेच्या प्रवाहात येणाऱ्या अनेक शब्दांच्या उच्चाराने व अर्थाचे मूळ या कोशामार्फत समजते. त्यांची निराळी रूपे व अर्थ यांचा संदर्भ या पाठातून समजावून सांगणे.	पत्रलेखन – शालेय क्रीडाविभागासाठी आवश्यक साहित्याची मागणी पत्र. कथा – एखादा वाक्प्रचार वा म्हण कशी अस्तित्वात आली यावर आधारित कथा.	सर्व व्याकरणावर आधारित उजळणी.
डिसेंबर १७		उजळणी		

(2 nd UT)				
जानेवारी २३ (Pre board)		उजळणी		
फेब्रुवारी २०		उजळणी		
मार्च २३		उजळणी		

डी. ए. व्ही. पब्लिक स्कूल, औन्ध, पुणे
संस्कृत-पाठ्यक्रमः (मणिका द्वितीयः भागः) - दशमी कक्षा (2024 - 25)

मासः पाठनदिनानि च	घटकः / पाठस्य नाम	गद्यपद्यपाठानाम् उद्दिष्टानि	क्रियाकलापाः	गद्यपद्यपाठाधारितमूल्यानि
मार्च - 07	1. वाङ्मयं तपः (पद्यपाठः)	1. सुभाषितानाम् अध्ययनेन वाणी शुद्धा भवति। इति छात्राः जानीरन्।		1. मानवजीवने वाण्याः महत्त्वम् अवधातव्यम्।
एप्रिल - 20	2. नास्ति त्यागसमं सुखम् (गद्यपाठः) स्वरसन्धिः - वृद्धि, यण्, अयादि, पूर्वरूप तत्पुरुषसमासः - विभक्ति, नञ्, उपपद	2. बोधिसत्त्वस्य दानशीलतां त्यागं च छात्राः जानन्तु।		2. त्यागस्य दानस्य च महत्त्वम् अवगमनीयम्।
जून - 20	3. रमणीया हि सृष्टिरेषा (नाट्यपाठः) 4. आज्ञा गुरुणां हि अविचारणीया (गद्यम्) प्रत्ययाः - मत्तुप्, ठक् (तद्धित)	3. पर्यावरणविषये छात्रेषु जागरुकता वर्धेत। 4. गुरुवचनेषु विश्वासेन मनुजानां कल्याणं भवति; इति छात्राः अवगच्छन्तु।		3. पक्षिणां माध्यमेन मनुष्यस्वभावदर्शनम् भवेत्। 4. गुरोः ज्येष्ठस्य वा उपदेशाः पालनीयाः।
जुलै - 23 (प्रथमघटकपरीक्षा)	5. अभ्यासवशात् मनः (पद्यपाठः) व्यञ्जनसन्धिः - वर्गीयप्रथमाक्षराणां तृतीयवर्णे परिवर्तनम्, परसवर्ण, तुगागम	5. श्रीमद्भगवद्गीतायाः तत्त्वज्ञानस्य छात्राणां परिचयः भवतु।	प्रथमसत्रक्रियाकलापाः - श्रवणभाषणकौशलम् 1) साहित्यं / भाषा / वाङ्मयम् इति विषयम् आधृत्य 6 पाठ्येतर सुभाषितानि कथनीयानि। 2) बोधिसत्त्वस्य जीवनस्य एका कथा कथनीया। 3) रमणीया हि सृष्टिरेषा इति पाठस्य नाट्यीकरणम्। 4) गुरुभक्तेः महत्त्वम् इति विषयम् अधिकृत्य भाषणम् अथवा चर्चा। 5) भगवद्गीतायाः 2 / 6 अध्याययोः केऽपि 6 श्लोकाः क्रमेण कण्ठस्थीकृत्य कथनीयाः। 6) महाभारतस्य कस्याश्चित् व्यक्तिरेखायाः विषये कथनम्। 7) प्रथमसत्रस्य व्याकरणस्य कमपि एकं विषयम् आधारीकृत्य गणचर्चा। (फलकस्य अथवा सङ्गणकस्य सहाय्यं स्वीकर्तुं शक्यते।) 8) संस्कृतवार्ताकथनम्। 9) संस्कृतगीतगायनम्।	5. भगवद्गीतायाः आधारेण मनसः नियन्त्रणम् करणीयम्।
ऑगस्ट - 23	6. राष्ट्रं संरक्ष्यमेव हि (नाट्यपाठः) समासः - द्वन्द्वः प्रत्ययाः - त्व, तल् (तद्धित) समयः - सामान्य-सपाद-सार्ध-पादोन वाच्यपरिवर्तनम् - केवलं लट् लकारे (कर्तृ-कर्म-क्रिया)	6. महाभारतस्य आधारेण प्राचीन-अस्त्र-विद्यायाः छात्राणां परिचयः भवतु।		6. अण्वस्त्राणाम् प्रयोगः मानवेषु सर्वथा अयोग्यः इति अवगन्तव्यम्।
सप्टेम्बर - 19 (प्रथमसत्रपरीक्षा)	7. साधुवृत्तिं समाचरेत् (गद्यपाठः) विसर्गसन्धिः - उत्त्वं, रत्वम्, लोपः (पुनरावृत्तिः) अव्ययानि - इव, उच्चैः, एव, नूनम्, इतस्ततः, विना, सहसा, वृथा, शनैः, इति, मा, यत्, सम्प्रति, इदानीम्, अधुना, यावत् अशुद्धिसंशोधनम् - वचन-लिङ्ग-पुरुष-लकार-दृष्ट्या।	7. सरलपद्धत्या छात्राः नीतिमूल्यानि पठन्तु।		7. सत्सङ्गस्य सुपरिणामाः ज्ञातव्याः।

मासः पाठनदिनानि च	घटकः / पाठस्य नाम	गद्यपद्यपाठानाम् उद्दिष्टानि	क्रियाकलापाः	गद्यपद्यपाठाधारितमूल्यानि
ऑक्टोबर - 19	10. कालोऽहम् (गद्यपाठः) (आन्तरिकमूल्याङ्कनार्थम्) विसर्गसन्धिः - स्, श्, स् समासः - द्वन्द्वः	10. भारतीय प्राचीनकालगणनाविषये छात्राः जानीयुः।	द्वितीयसत्रक्रियाकलापाः - लेखनकौशलम् 1) साधुवृत्तिं समाचरेत् पाठस्य नाट्यरूपान्तरणम्। 2) राशि, नक्षत्र, होरा, दिवस, पक्ष, मास, संवत्सर इत्यादिषु एकम् विषयम् अधिकृत्य लेखनम्। 3) आद्यशङ्कराचार्यविषये सचित्रकथालेखनम्। 4) तिरुवल्लुवरस्य चरित्रलेखनम्। 5) पूर्वोत्तरभारतस्य कस्य अपि एकस्य राज्यस्य विषये सादरीकरणम्। (PPT. अथवा लेखनम्) 6) स्वानुभूतस्य प्रवासस्य अथवा शैक्षिकभ्रमणस्य वर्णनम्। 7) दैनन्दिनीलेखनम्। 8) श्रुतलेखनम्। 9) अपठितसूक्तिं लेखनम्। 10) भित्तिपत्रनिर्माणम्।	10. कालस्य अमर्यादत्वम्, अखण्डत्वम्, निरन्तरत्वम् च एषु विषयेषु जागरणम्। 11. मानवजीवने नीतिमूल्यानि न विस्मरणीयानि।
नोव्हेंबर - 18	11. किं किमुपादेयम् (पद्यपाठः) (आन्तरिकमूल्याङ्कनार्थम्) प्रत्ययाः - टाप्, डीप् समासः - अव्ययीभावः (अनु, उप, सह, निर्, प्रति, यथा)	11. लौकिकं पारलौकिकं च जीवनम् उज्ज्वलं कर्तुं यानि मूल्यानि अपेक्षितानि सन्ति, तेषां परिचयः भवतु।		
डिसेम्बर - 17 (द्वितीयघटकपरीक्षा)	8. तिरुक्कुरल्-सूक्ति-सौरभम् (पद्यपाठः) 9. स्वागतं भोः अरुणाचलेऽस्मिन् (नाट्यपाठः) अव्ययानि - बहिः, कदापि, च, अपि, पुरा, अत्र-तत्र, यथा-तथा, कदा, अद्य, श्वः, परश्वः, ह्यः, परह्यः, किमर्थम्, कुत्र, यदि-तर्हि	8. पूर्वोत्तरभारतस्य विषये अरुणाचल- राज्यस्य माध्यमेन छात्राः परिचिताः भवन्तु। 9. तिरुवल्लुवरस्य श्लोकानां माध्यमेन गभीरसंस्कृतभाषायाः छात्राणां परिचयः भवतु।		8. कृतज्ञता, समत्वम्, विवेकः, सदाचारः, विद्वत्ता इ. गुणानां महत्त्वम् ज्ञातव्यम्। 9. पूर्वोत्तरभारतस्य जनाः अपि भारतस्य अभिन्नम् अङ्गम् एव इति भावः जागरणीयः।
जानेवारी - 23 (प्रथमपूर्वपरीक्षा)	पुनरावृत्तिकार्यम् (परीक्षायाः कृते आवर्षस्य सम्पूर्णाभ्यासक्रमः)			
फेब्रुवारी - 20 (द्वितीयपूर्वपरीक्षा)	पुनरावृत्तिकार्यम् (परीक्षायाः कृते आवर्षस्य सम्पूर्णाभ्यासक्रमः)			
मार्च - 23 अन्तिमपरीक्षा	(परीक्षायाः कृते आवर्षस्य सम्पूर्णाभ्यासक्रमः)			

D.A.V PUBLIC SCHOOL,PUNE
MATHEMATICS SYLLABUS (2024-25)

CLASS X

MONTH & NO OF DAYS	UNIT /CONTENT	LEARNING OUTCOME	ASSIGNMENTS/ACTIVITIES	VALUE/SKILLS
MARCH 7 DAYS	Chapter - 2 <u>Polynomials</u> 1) Introduction 2) Geometrical meaning of zeros of a polynomial 3) Relationship between zeros and coefficients of a polynomial	1) Students understand the geometric meaning of the zeros of a polynomial. 2) Students are able to verify the relationship between zeros and coefficients of a polynomial	1. Exploring graphs of various polynomial functions. 2. Solving HOTS and application-based worksheet Plotting graph for quadratic polynomials	To learn problem solving using systematic steps and develop analytical reasoning
APRIL (20 DAYS)	Chapter - 3 <u>Pair of Linear Equations in two variables</u> 1) Pair of linear equations in two variables 2) Graphical method of solution of a pair of linear equations 3) Algebraic Methods (3.1) Substitution Method (3.2) Elimination Method	1) Students learn to frame a pair of linear eqn. in two variables from daily life examples. 2) Students analyze meaning of type of solution, type of graph. 3) Students learn to solve a pair of linear eqns. Algebraically and graphically.	1) Finding out algebraically whether the given pair of equations are consistent or inconsistent. 2) Plotting the graphs of linear equations and graphically checking their consistency. Interpreting the consistency of equations algebraically and verifying graphically.	To develop a skill of drawing graphs neatly and accurately

<p>JUNE 20 DAYS</p>	<p>Chapter -1 <u>Real Numbers</u> 1) Introduction 2) Fundamental Theorem of Arithmetic</p> <p>Chapter – 6 <u>Triangles</u> 1) Concept of Similarity and Congruence 2) B.P.T. theorem and it's applications</p> <p>3) Criteria for similarity of two triangles</p>	<p>1) Students understand and apply Euclid’s division algorithm for finding H.C.F of two numbers. 2) Students find HCF and LCM using Prime factorization.</p> <p>.</p> <p>1) Students understand the concept of similarity of triangles. 2) Students are able to prove Basic proportionality theorem and apply it for solving problems</p> <p>3) Interpret the criteria of similarity in triangles and compare the criteria with congruency.</p>	<p>Developing proofs of irrational numbers</p> <p>To verify the Basic Proportionality Theorem using parallel line board and triangle cut-out</p>	<p>To appreciate the contribution of Euclid in field of Mathematics and realize the importance of the number system</p> <p>To demonstrate the ability of discovering the proof of the theorem with the help of analytical reasoning</p>

<p>JULY 23 DAYS</p>	<p>Chapter - 8 <u>Introduction to Trigonometry</u> 1) Introduction 2) Definitions of Trigonometric ratios 3) Trigonometric Identities</p> <p>Chapter – 9 <u>Applications of Trigonometry</u> 1) Introduction 2) Heights and Distances 3). Angles (3.1) Angle of elevation (3.2) Horizontal level (3.3) Angle of Depression</p> <p>Chapter – 15 <u>Probability</u> 1) Introduction 2) Theoretical approach</p>	<p>1) Students are able to recall the definitions of basic T- Ratios. 2) Students are able to recall and find T Ratios of special angles. 3) Students are able to prove trigonometric identities</p> <p>1) Students are able to read and analyze word Problems 2) Students are able to draw figures corresponding to word problems. 3) Students are able to understand the Angle of elevation, Horizontal level, Angle of Depression</p> <p>Students are able to appreciate the concept of probability and learn it's application in day to day life</p>	<p>1) To find the T Ratios of 30°, 45°, 60° and 90° degrees.</p> <p>Proof of Trigonometric Identities by graphical method</p> <p>1) Construction of diagram and solve for a height and distance using trigonometric ratios</p> <p>Activities based on verification of properties of probability</p>	<p>Draw figures related to the problems neatly and accurately.</p> <p>To appreciate the use of this concept in daily life situations</p>
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<p>AUGUST 23 DAYS</p>	<p>Chapter - 14 <u>Statistics</u> 1) Introduction and recapitulation 2) Mean, Median, Mode of grouped data</p> <p>Chapter - 4 <u>Quadratic Equations</u> 1) Introduction 2) Solving of Quadratic Equation (2.1) Factorization method (2.2) Quadratic formula method 3) Word Problems</p>	<p>1) Students are able to find mean of grouped data by different methods 2) students learn to find the cumulative frequency of a class</p> <p>1) Students are able to form a quadratic equation from a word problem. 2) Students are able to find solution of a Quadratic equation by using different methods. 3) Students are able to explore nature of roots.</p>	<p>1) To find Mean, Median and Mode of the given data</p> <p>Derivation of quadratic formula for finding roots of quadratic equation.</p>	<p>To learn problem solving using systematic steps and develop analytical reasoning</p>
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<p>SEPTEMBER 19 DAYS</p>	<p>REVISION FOR TERM1 EXAM AND TERM1 EXAM</p>			
<p>OCTOBER</p>	<p>Chapter - 5 <u>Arithmetic Progression</u> 1) Introduction 2) nth term of an AP 3) Sum of n terms of an AP</p> <p>Chapter - 7 <u>Coordinate Geometry</u> 1) Distance Formula 2) Section Formula</p>	<p>1) Students are able to apply the knowledge of AP in identifying the sequences and also to differentiate it from other sequences. 2) Students are able to observe geometric patterns and understand the concept of Arithmetic Progression. general term , nth term and sum of n terms of an AP.</p> <p>1) Students are able to find the distance between two points in a plane. 2) Students are able to find coordinates of a point which divide line segment in a given ratio.</p>	<p>Verification of AP through Paper Cutting Method</p> <p>Students verify the coordinates of a point when a given line is divided internally in a given ratio graphically.</p>	

<p>OCTOBER 19 DAYS (CONTINUED)</p>	<p>Chapter - 10 <u>Circles</u> 1) Introduction 2) Tangents to a circle 3) Number of tangents from a point outside the circle 4) Properties of tangents</p>	<p>1) Students are able to prove the theorems and apply knowledge of theorems in solving questions. 2) Students are able to find a line segment that is tangent to a circle. 3) Students are able to understand the properties of tangents.</p>	<p>1) To verify properties of circles and tangents using charts. 2) Constructions of two tangents from an external point by paper folding method</p>	<p>To demonstrate the ability of discovering the proof of the theorem with the help of analytical reasoning</p>
<p>NOVEMBER (18 DAYS)</p>	<p>Chapter - 12 <u>Areas related to Circles</u> 1) Introduction 2) Perimeter and area of a circle - A review 3) Area of Sector and segment of circle</p> <p>Chapter - 13 <u>Surface Areas and Volumes</u> 1) Introduction and Recapitulation 2) S.A and Volume of a solid object 3) S.A and Volume of a combination of solids</p>	<p>1) Students are able to find area of the given figure (shaded and unshaded regions) 2) Students are able to apply the knowledge of area of plane figures in solving the problems with a combination of plane figures</p> <p>1) Students are able to apply the knowledge of surface areas and volumes of solids in our day to day life</p>	<p>1) To find the area of sector and area of segment of circle if angle between radii are 60°, 90° and 120° in various figures</p> <p>Oral Test of Formulae</p>	<p>To develop an understanding of deriving the formulas</p> <p>To develop interest in using the formulae for practical application in day to day life</p>
<p>December 17 days</p>	<p>Periodic Test 2 & REVISION FOR PREBOARD1</p>			
<p>January 23 DAYS</p>	<p>Revision And Prelims 1</p>			
<p>February 20 DAYS</p>	<p>Revision And Prelims 2</p>			

Month & Days available for teaching	UNIT	CONTENTS	LEARNING OUTCOME	ASSIGNMENT / ACTIVITIES	VALUES /SKILLS
March / April (7+ 20 days)	Unit – 10 Light	Reflection of light Laws of reflection Types of mirrors Images formed by spherical mirrors Mirror formula, magnification	1. Students will understand the converging and diverging action of mirrors 2. Students will be able to solve numerical using mirror formula.	Assignment based on diagrams and numerical of reflection and refraction PRACTICALS To determine the focal length of Concave mirror.	1. To develop drawing skills for ray diagrams. 2. To understand the importance of reflection in daily life. 3. To develop drawing skills for ray diagrams.
June (20 days)	Unit – 10 Light cont....	Refraction of light Laws of refraction and refractive index Refraction of light by spherical lens, Image formed by spherical lens	1. They will understand the phenomena of refraction in nature. 2. Students will understand the converging and diverging action of lenses	PRACTICALS To trace the path of rays of light through rectangular glass slab. To determine the focal length of Convex lens	1. To develop drawing skills for ray diagrams. 2. To develop accuracy and precision while solving numerical.
July (23 days)	Light Cont...	Lens formula, magnification and power of lens.	Students will learn about different uses of lenses in daily life.		1. To develop accuracy and precision while solving numerical.
REVISION FOR UT 1					
August (23 days)	Unit -11 Human eye and colourful	Human eye. Range of vision. Defects of vision	Students will learn about different kinds of eye defects.	Diagram of Human eye and Defects of vision.	1. To appreciate God's creation i.e. Human Eye and to take care of it.

	world	and their corrections Refraction through prism. Dispersion and. Scattering of light.	Students will understand the reasons for different type of phenomenon like rainbow formation, twinkling of stars and reddish colour of sky during sunrise and sunset	PRACTICALS To trace the path of rays of light through glass prism.	2. To relate knowledge of defects of vision with different kind of lenses to be used. 3. To appreciate natural phenomena in physical terms
September (19 days)	Unit-12 Electricity (TERM 2 topics)	Electric Current Electric potential and potential difference Ohm's law , measurement of resistance	1. Students will learn about how electric charges flow and basic circuit diagrams. 2. They will be able to differentiate between electric potential & potential difference 3. They will understand relationship between V & I	Assignment based on Ohm' Law.	1. To understand the importance of electricity in daily life. 2.To develop practical skills
October (19 days)	<u>Unit-12</u> <u>Electricity</u> Cont.....	Resistance, Resistivity, Factors on which resistance depends, Combination of resistances. Heating effect of current & its applications in daily life, Electric power. Inter relationship between P,V, I & R	1. Students will learn about the factors on which resistance depends and how to decrease and increase the values of resistance. 2. They will understand about how domestic circuit works.	Assignment based on numerical of combination of resistances PRACTICALS: 1.Ohm's law experiment 2.Resistors in series and parallel	1. To develop practical skills 2. To apply the knowledge of heating effect of current in daily life 3. To appreciate the contribution of Sir George Simon Ohm.

November (18 days)	Unit-13 Magnetic effects of current	Magnetic field and field lines, field due to current carrying conductor , coil and solenoid, Force on a current carrying conductor, Fleming's left hand.	<ol style="list-style-type: none"> 1. Students will understand about magnetic effects of current. 2. Students will learn about magnetic field lines and its properties. 	Assignment based on diagrams of magnetism.	<ol style="list-style-type: none"> 1. To develop practical skills 2. To appreciate the contribution of Oersted and Fleming in magnetism.
December (17 days)	Unit-13 Magnetic effects of current cont...	DC, AC, frequency of AC, Advantage of AC over DC and domestic circuit.	<ol style="list-style-type: none"> 1. Students will be able to differentiate between AC and DC current. 2. Students will be able to draw and explain domestic circuit characteristics. 		<ol style="list-style-type: none"> 1. To apply the knowledge of Domestic circuit in daily life
	REVISION FOR UT 2				
Jan (23 days)	REVISION FOR PREBOARD 1 / PREBOARD 2				
Feb (20 days)	REVISION				

MONTH - DAYS	UNIT / LESSON/ CONTENT	EXPECTED LEARNING OUTCOME	ACTIVITIES/ ASSIGNMENTS	
March 7 days	Recapitulation of concepts of elements, electronic configuration, valency and molecular formula <u>1- Chemical reactions& equations</u> <ul style="list-style-type: none"> Characteristics of chemical reactions. Balancing of chemical equations. 	<ul style="list-style-type: none"> The student will be able to understand the distribution of electrons in shells. Will be able to understand why an element forms a particular ion. Will be able to form a neutral compound using ions 	<ul style="list-style-type: none"> Write the atomic number, valency and electronic distribution of first 20 elements. To write the molecular formula for the given compounds 	<ul style="list-style-type: none"> To in To un electr
April 20 days	<ul style="list-style-type: none"> Balancing of chemical equations. <ul style="list-style-type: none"> Types of reactions. Effects Of Oxidation Reactions in daily life. 	<ul style="list-style-type: none"> The student will be able to understand characteristics of chemical reactions. Will be able to acquire knowledge of representing chemical reaction by chemical equation. Will be able to develop skill in writing balanced chemical equations. Will be able to identify different types of chemical reactions. 	<ul style="list-style-type: none"> Assignment: Work sheets- Write balanced Chemical equations for the reactions given. Lab practices: Perform different reactions and classify them as decomposition, combination, displacement and double displacement reactions 	<ul style="list-style-type: none"> To r Today equati To c cher Ident Today
June 20 days	Chapter1-continues <ul style="list-style-type: none"> Oxidation, reduction and redox reactions. Effects of Oxidation Reactions in daily life. <u>2 Acids, bases& salts</u> The chemical and physical properties of acids and bases.	<ul style="list-style-type: none"> Will be able to identify the substance oxidized and reduced in a redox reaction. Will be able to develop interest in knowing more about chemical reactions and their applications in daily life. Will be able to acquire the knowledge of acids, bases & salts 	<ul style="list-style-type: none"> To identify the oxidizing agent and reducing agent in the redox reactions. Make natural indicator and test acids and bases available at home. 	<ul style="list-style-type: none"> T an T an T

July 23 days	<p><u>2 Acids, bases & salts</u>Continues</p> <ul style="list-style-type: none"> The chemical properties of the acids and bases. Importance of pH Types of salts 	<ul style="list-style-type: none"> Will be able to analyze the importance of Hydronium ion. Will be able to understand the concept of neutralization and hence salt formation Will be able to determine pH of an unknown solution & interpret its nature. 	<ul style="list-style-type: none"> Lab practices: Study the properties of acids and bases with Litmus paper, Zinc metal, and Sodium carbonate. Determine pH of different solutions using universal indicator and pH paper. Identify the acid and base present in salts and the pH of salts. 	<ul style="list-style-type: none"> To identify acids and bases To determine pH of solutions They can identify acids and bases present in salts and the pH of salts.
August 23 days	<p><u>2 Acids, bases & salts</u>Continues:</p> <ul style="list-style-type: none"> Salts, Chemicals from common salts and their uses. Water of crystallization <p><u>Lesson 3 -Metals and nonmetals.</u> Lesson 3-Metals and nonmetals.</p> <ul style="list-style-type: none"> Physical and chemical properties of metals and nonmetals. 	<ul style="list-style-type: none"> Will be able to appreciate the uses of salts in everyday life and in industries. Will be able to understand the concept of hydrated / anhydrous salt. Will be able to classify metals and nonmetals based on physical and chemical properties. 	<ul style="list-style-type: none"> Lab practices: To check the presence of water of crystallization. Make a video/ppt or documentary of the properties and uses of metals and nonmetals 	<ul style="list-style-type: none"> To understand the uses of salts and their properties To document the properties and uses of metals and nonmetals
September 19 days	<p><u>Revision for TERM-1 and Term 1</u></p>	<ul style="list-style-type: none"> Will be able to recollect the concepts learnt in previous chapters. 	<ul style="list-style-type: none"> Summarization of chapters 	<ul style="list-style-type: none"> Will be able to recollect the concepts learnt in previous chapters Analysing the concepts

<p>October 19 days</p>	<p><u>Lesson 3 -Metals and nonmetals</u> <u>continues</u></p> <ul style="list-style-type: none"> • Formation of ionic bond and the properties of ionic compounds. • Uses of metals and alloys. • Extraction of metals 	<ul style="list-style-type: none"> • Will be able to understand and appreciate the various uses of metals in daily life. • Will be able to understand the compounds formed between metals and nonmetals • Will be able to understand various metallurgical processes in the extraction of metals based on the reactivity of metals 	<ul style="list-style-type: none"> • Lab practices: Compare the reactivity of metals Zn, Fe, Cu, and Al using the following solutions: i) $ZnSO_4$ ii) $FeSO_4$ iii) $CuSO_4$ iv) $Al_2(SO_4)_3$ • To draw the flow chart for the metallurgical processes 	<ul style="list-style-type: none"> • Develop industry • Critical reactivity
<p>November 18 days</p>	<p><u>4 Carbon and its compounds</u></p> <ul style="list-style-type: none"> • Bonding in carbon compounds. • Isomerism and nomenclature of carbon compounds. • REVISION for UT-2 and UT-2 	<ul style="list-style-type: none"> • Will be able to understand versatile nature of carbon. • Will show interest to learn more about the different properties of carbon compounds. • Will be able to recollect the concepts learnt in previous chapters. 	<ul style="list-style-type: none"> • Make a song /skit on the nature of bonding and properties of carbon. • Summarization of chapters 	<ul style="list-style-type: none"> • Complete formation • To draw • Will be able to recall the concepts
<p>December 17 days</p>	<ul style="list-style-type: none"> • Properties of Ethanol & ethanoic acid. Soaps & detergents • Soaps & detergents. 	<ul style="list-style-type: none"> • Will be able to develop skill in representing electron dot structure of carbon compounds. • Will be curious to learn more about carbon compounds and applications of organic chemistry in different fields • Will be able to understand the formation of micelle. 	<ul style="list-style-type: none"> • Lab practices: i) Study the properties of acetic acid in lab • Odour • Solubility in water. • Effect on Litmus • Reaction with Sodium Bicarbonate. (ii) Compare the cleansing capacity of a sample of soap in soft and hard water. • Differentiate soaps and detergents using soft and hard water. • Making of homemade soap. 	<ul style="list-style-type: none"> • Today's • Safety • Using

January 23 days	Preboard-1		•	
February/ March	Revision		•	

STD X

BIOLOGY SYLLABUS (2024-25)

MONTH & NO OF DAYS	UNIT /CONTENT	LEARNING OUTCOME	ASSIGNMENTS/ ACTIVITIES	VALUE/SKILLS
MARCH – 07 DAYS	L-6. Life Processes Autotrophic Nutrition	Students learn the significance of Photosynthesis		Students appreciate the role of plants as producers.
APRIL – 20 DAYS	Ch-6 Life Processes Heterotrophic Nutrition Nutrition in Human beings Respiration	Nutrition in unicellular and multicellular organism Importance of healthy diet Importance of respiration in all living organisms. Importance of proper ways of breathing.	Diagram of open and closed stomata Practical 1 Study of Stomata Importance of balanced diet. Diagram of Human digestive system. Diagram of Human Respiratory system. .	Students appreciate the importance of balanced diet and learn to avoid junk food. Students understand the various diseases related to substance abuse (cigarettes) and avoid the use.
JUNE – 20 DAYS	Ch-6- Life Processes contd... Respiration continued Transportation in Human being. Transportation in plants	Importance of Yoga Working of lungs Functioning of the Human heart. Importance of double circulation. Difference between veins and arteries. Components of blood Importance of Ascent of Sap and conducting tissues.	Practical -2 Experimentally show that CO ₂ is evolved during Respiration Diagram of Human heart and its functioning. To study Ascent of Sap and conducting tissues using coloured water and a flowering twig with soft stem.	Understands the importance of being healthy. Co- relate the integrated physical development with spiritual development. The importance of the plants in keeping the atmosphere cool Feeling of empathy towards the fellow-beings.

<p>JULY -23 DAYS</p>	<p>Excretion in Human</p> <p>Ch-7-Control and Co-ordination - Up to Reflex Action</p>	<p>Understands the importance of transplantation of vital organs. Working of Kidney and nephrons Dialysis</p> <p>Structure of Neuron, Reflex Action To understand the importance of synapse and neuro muscular junction.</p> <p>Involvement of spinal cord to control the reflex action.</p> <p>Reflex arc.</p>	<p>e.g. Balsam or Carnation Diagram of Human Excretory system & nephrons with labelling.</p> <p>Labelled diagram of Neuron Diagram of reflex arc.</p> <p>To trace the sequence of events when we touch a hot plate.</p>	<p>Understands and appreciates the wonderful creation of god with regard to Bowman's capsules and ultra filtration.</p> <p>Learns the importance and role of nature in the self-regulatory mechanism operating in all organisms.</p>
<p>AUGUST – 23 DAYS</p>	<p>Ch – 7 Control and coordination contd... Brain</p> <p>Coordination in Plants</p> <p>Hormones</p>	<p>Structure and functions of different parts of Human brain.</p> <p>To understand tropic movements in plants and the role of phytohormones.</p> <p>To understand endocrine glands, their functions and diseases related.</p> <p>Understands the movements in plants that are governed by Phytohormones.</p> <p>Understands and appreciates adolescence sexual characteristics, also various deficiency diseases.</p>	<p>Neat labeled diagram of Human brain.</p> <p>Response of plant towards source of light.</p> <p>Diagram of the locations of various human endocrine glands.</p>	<p>Appreciates the role of brain in various voluntary and involuntary movements.</p> <p>How do we detect the smell of the incense stick?</p>

SEPTEMBER – 19 DAYS	Ch – 15 Our Environment Components of Ecosystem	To understand food chain, food web and the Law of 10% in the transfer of energy in trophic levels.	(Activity 15.10, pg 263) Search the internet and find out what hazardous materials have to be dealt with while disposing electronic item	What changes can you make in your habits to become more environment friendly?
	Ch – 15 Our Environment contd Ozone layer and it's importance Revision	To understand formation and usefulness of ozone layer	Study status of the ozone level in past 25 years	What changes can you make in your habits to become more environment friendly?
OCTOBER – 19 DAYS	Ch – 8 How do organisms reproduce? Various modes of reproduction in uni and multicellular organisms. Sexual reproduction in plants & Human beings	Importance of variation Role of DNA To understand the importance of asexual, vegetative propagation. To understand the significance of fertilization.	<u>Practical – 3</u> To study binary fission in Amoeba and budding in Yeast with the help of prepared slides.	Appreciates the role of DNA in the existence of all living organisms.
NOVEMBER – 18 DAYS	Reproductive health	To understand transmission and prevention of STDs. To know the various contraceptive techniques. To understand inheritance of traits.	<u>Practical – 4</u> Study of a dicot seeds	Discrimination on the basis of gender is illegal. Appreciates being born from the mother's womb. Boy child learns to appreciate the role of mother / sister / wife.

DECEMBER – 17 DAYS	Ch - 9 Heredity contd.. Rules of inheritance & principles of Mendelism Sex determination Revision	Introduction to Heredity Laws of inheritance To understand about the role of father in determining sex of a child	To study Mendel's Experiment	Heredity and inheritance goes hand in hand.
JANUARY – 23 DAYS	Revision	Pre-board Examination.		
FEBRUARY – 20 DAYS	Revision			
MARCH – 23 DAYS	Annual Examination			

Social Science (History/Civics) Std. X Syllabus 2024-25

Month/days available for teaching	Unit/Content	Learning outcomes	Assignments	Values/ Skills
March [7 Days]	Civics: Ch- I Power Sharing →→ How and why is power shared in modern governments?	→→students understand the importance of power sharing for the stability of democracy	→→Follow the newspapers for a week, and trace an on going conflict: find out the cause of the conflict and to which issue of power sharing is it related	→→ Learns the values of co-operation, adjustments and co-ordination
April [20 days]	Civics: Ch- I Power Sharing →→ The various forms of power sharing in a democracy Civics: Ch 2 Federalism →→How has federalism been implemented in India? To what extent has decentralisation achieved its objectives	→→ students understand the functioning of our government and the federal structure of India	→→Discuss the working of the Panchayati Raj system in India.	→→ Appreciates the values of sharing and unity
June [20 days]	History: Ch.1 The Rise of Nationalism in Europe	Students observe how the feeling of Nationalism grew in different countries of Europe and how it affected the world map.	Classroom discussion on the Idea of Nationalism Mind map	Students respect Nation and work for its progress by protecting its values

July [23days]	History:Ch:3 Nationalism in India →→India's struggle for freedom, focus on the period from the first world war to Quit India movement, special focus on Gandhiji's contribution to making the national movement a mass movement	→Students know how nationalism captured the imagination of the people in India after 1920 s and also will understand how different social groups participated in the freedom struggle	→→ Discussion on the policy of non-cooperation adopted by Gandhi was mainly instrumental in achieving Indian independence →	→→ develops the value of creative thinking and decision making and patriotism
August [23 days]	Civics: Ch 4 Gender,Religion, Caste in politics →→How do Gender, Caste and Religion impact politics and vice versa	→→Students understand that the various social diversities do not threaten democracies but strengthen democracies.	Discussion on how caste and gender inequalities hinder progress in India	Activity →→ develops the value of respect and fraternal feelings towards the opposite sex and all castes and creed.
September [19 days]	Civics: →→ Ch: 6 Political Parties: Role of political parties, the various types of political parties, and major national and regional parties in India	→ students get an insight of various political parties present in India	→→ Poster making on political parties →→ Discussion on how to strengthen political parties so that they perform their functions well	→→ Creates awareness and democratic skills
October [19 days]	History: Ch - 3 The Making of a global world →→Expansion and Integration of the world market in the 19th and early 20th century.	students understand the concept of globalization, importance of Silk Routes and its impact on the countries of the world.	Inter disciplinary Activity	Learns the value of living amicably and its role in development.

November [18 days]	<p>Civics:Ch :7 Outcomes of democracy →→ Assessment of democracy on the basis of accountability, responsiveness, economic development, dignity of citizens and accomodation of social diversities</p> <p>History: Ch - 4 The Age of industrialization</p>	<p>→→ students learn to think about the outcomes of democracy in various aspects</p> <p>To be assessed as periodic test</p>	<p>→→ Worksheet →→</p>	<p>→→ Appreciate the working of democracies and identify the problems in implementing policies.</p>
December [17 days]	<p>History: Ch 7 Print Culture and the Modern World →→The evolving of the printing culture, development of technology in printing, its impact on the society</p>	<p>→ It creates awareness about the spread of technology and consider how social life and culture changed with the coming of print</p>	<p>→Group discussion on how printing developed in India and its impact on the society</p>	<p>→develops creative thinking</p>
January -2020 (23days)	Revision & Prelims -I			
February (20 days)	Revision & Prelims -II			
March (23 days)	Final Examinations			

DAV PUBLIC SCHOOL, AUNDH, PUNE
SOCIAL SCIENCE (GEOGRAPHY & ECONOMICS) SYLLABUS FOR STD X (2024- 2025)

Month/days available for teaching	Unit / contents	Learning outcomes	Assignments/ Activity	Values/ Skills
<p style="text-align: center;">March [7 Days]</p> <p style="text-align: center;">April [20 Days]</p>	<p><u>Geography: Ch: 1: Resource and development</u></p> <ul style="list-style-type: none"> • Concept of Development of Resources • Resource Planning - Resource Planning in India, Conservation of Resources. • Land Resources, Land Utilization, Land Use Pattern in India , Land Degradation and Conservation Measures • Soil as a Resource - Classification of Soils, Soil Erosion and Soil Conservation (excluding Box Information on State of India’s Environment) 	<ul style="list-style-type: none"> • Understand the value of resources and the need for their judicious utilization and conservation. Learn about the properties of various kinds of soil and its utility 	<ul style="list-style-type: none"> • Map depicting various soil types in India, Worksheet on MCQ 	<ul style="list-style-type: none"> • Learns the value of using resources judiciously as an individual, respects the natural environment • Map skills
<p style="text-align: center;">June [20 Days]</p>	<p><u>Economics: Ch: 1: Development</u></p> <ul style="list-style-type: none"> • What Development Promises - Different People, Different Goals. • Income and Other Goals. • National Development. • How to compare different countries or states? • Income and other criteria. • Public Facilities. • Sustainability of Development. 	<ul style="list-style-type: none"> • Introduction of some macroeconomic concepts. • Sensitizing the child about the rationale for overall human development in our country and the importance of other criteria besides income, such as education and health in development 	<ul style="list-style-type: none"> • Collect the latest census data on human development indicators and analyze them. • Use case studies of various states and countries and do a comparative study. 	<ul style="list-style-type: none"> • realizes the importance of social surroundings, education, health etc for his/ her development

	<p><u>Geography: Ch-2 Forest and Wildlife Resources</u></p> <ul style="list-style-type: none"> • Conservation of forest and wildlife in India. • Types and distribution of forests and wildlife resources. • Community and Conservation. 	<ul style="list-style-type: none"> • Understand the importance of forests and wild life. • Understand the ability and knowledge of how forest and wildlife conservation and management relate to the economy and environment, both currently and in the future. 	<ul style="list-style-type: none"> • Discussion on the significance and ways to conserve environment. 	<ul style="list-style-type: none"> • Sensitivity towards environment.
<p>July [23 Days]</p>	<p><u>Geography: Ch: 3: Water Resources</u></p> <ul style="list-style-type: none"> • Water Scarcity and The Need for Water Conservation and Management. • Multi-Purpose River Projects and Integrated Water Resources Management. • Rainwater Harvesting. 	<ul style="list-style-type: none"> • Comprehend the importance of water as a resource as well as develop awareness towards its judicious use and conservation. 	<ul style="list-style-type: none"> • discussion on causes of water scarcity and the students' role in conservation. • Map on various multipurpose projects. • Chart or model on rain water harvesting. 	<ul style="list-style-type: none"> • Sensitivity towards the natural resources and analytical thinking about how to tackle such issues.

	<p><u>Economics: Ch: 2: Sectors of Indian Economy</u> The various sectors of the Indian economy with special focus on the service sector, its growth, causes of growth. the role of public sector in development of a country.</p>	<ul style="list-style-type: none"> • The student will understand the various employment generating sectors and the causes behind the recent growth in IT sector. They will realize the important role of Government in development of a country. • Understand the importance of agriculture in national economy, develop a knowledge of the various crops grown in our country. 	<ul style="list-style-type: none"> • Data analysis of the contribution of various sectors to GDP and employment. • Comparison between sectors based on various criterias. 	<ul style="list-style-type: none"> • Respect the importance of rural India and the contribution to our well-being and the problems faced by the farmers.
<p>August [23 days]</p>	<p><u>Geography: Ch: 4: Agriculture</u></p> <ul style="list-style-type: none"> • Types of Farming – Primitive Subsistence, Intensive Subsistence, Commercial. • Cropping Pattern – Major Crops, Food Crops other than Grains, Non Food Crops, Technological and Institutional Reforms. • Food Security (excluding impact of globalization on agriculture) 	<ul style="list-style-type: none"> • Explain the importance of agriculture in national economy. • Identify various types of farming and discuss the various farming methods. • Describe the spatial distribution of major crops as well as understand the relationship between 	<ul style="list-style-type: none"> • Map work on major food and cash crop. • Tabular chart on the major crops of India. 	<ul style="list-style-type: none"> • Realizes the richness of Indian soil and its fertility.

	<p><u>Economics: Ch: 3: Money and credit</u> Role of money in the economy, historical origin since barter system, formal and informal sources of credit, Self help groups.</p>	<p>rainfall regimes and cropping pattern.</p> <ul style="list-style-type: none"> • Explain various government policies for institutional as well as technological reforms since independence. • Familiarize students with the concept of money as an economic tool, create awareness of the role of financial institutions from the <u>point of view of day to day life.</u> 	<ul style="list-style-type: none"> • Visit a bank, learn to fill cheques, withdrawal form, making of a draft, deposit forms etc. • Discuss some of the <u>SHG working in their city.</u> 	<ul style="list-style-type: none"> • Respects the development India has made as a Nation. • develops a sense of value of money • Understanding of the needs of the poor and the struggle they face.
<p>September [19 Days]</p>	<p>REVISION FOR MID TERM EXAMS</p>			
<p>October [19 Days]</p>	<p>- <u>Geography:</u> <u>Ch: 5: Minerals and energy resources</u></p> <ul style="list-style-type: none"> • What is a mineral? • Mode of occurrence of Minerals - Where are these minerals found? • Ferrous Minerals, Non-Ferrous Minerals. • Non-Metallic Minerals, Rock Minerals 	<ul style="list-style-type: none"> • Identify different types of minerals and energy resources and places of their availability. • Feel the need for their judicious utilization. 	<ul style="list-style-type: none"> • Map work on locating , labeling and identification of various mineral reserves in the country. • map work on thermal power plants in India 	<ul style="list-style-type: none"> • Map skills • Respect for natural environment

	<ul style="list-style-type: none"> • Conservation of Minerals. • Energy Resources - Conventional Sources of Energy, Non-Conventional Sources of Energy . • Conservation of Energy Resources. 			
	<p><u>Geography Ch: 6: Manufacturing Industries</u></p> <p>Types, spatial distribution, contribution of industries to national economy. Industrial pollution: causes and ways to control</p>	<ul style="list-style-type: none"> • Bring out the importance of industries in the national economy as well as understand the regional disparities which resulted due to concentration of industries in some areas. 	<ul style="list-style-type: none"> • Discussion on the need for a planned industrial development and debate over the role of government towards sustainable development. • map work on locating , labeling and identification of various manufacturing industries in India. 	<ul style="list-style-type: none"> • Importance and utilization of man made resources by adopting sustainable development.
<p>November [18 Days]</p>	<p><u>Economics:</u> <u>Ch: 4: Globalization and the Indian Economy:</u></p> <ul style="list-style-type: none"> • What is Globalisation? • Factors that enables globalisation. 	<ul style="list-style-type: none"> • Students will learn about the impact of globalization on today's society and economy, relate it to inflation, growing salaries, 	<ul style="list-style-type: none"> • Worksheet, Debate on the merits and demerits of Globalization. 	<ul style="list-style-type: none"> • Better preparedness and value of community cooperation. • Understanding the need for international cooperation and the value of co-existence.

	<ul style="list-style-type: none"> • Remaining topics for Interdisciplinary Project(IDP). 	development of new cities etc.		
December [17 Days]	<u>Geography: Ch:7:Lifelines of National Economy</u> <ul style="list-style-type: none"> • Mapwork Only • Theory for Interdisciplinary Project(IDP). 		Map work on important sea ports and airports.	Respects for national property such as railway property etc.
January-2025 [23days]	REVISION AND PREBOARD-1			
February [20days]	REVISION AND PREBOARD-2			
March [23 Days]	FINAL EXAMINATION			

STD : X

ARTIFICIAL INTELLIGENCE SYLLABUS (2023-24)

MONTH & NO OF DAYS	UNIT / CONTENT	EXPECTED LEARNING OUTCOME	SUGGESTED ACTIVITIES / ASSIGNMENTS	VALUES/SKILLS
MARCH 2 DAYS	Introduction to AI Foundational concepts	Students will be able to understand Human intelligence .	Revising std IX curriculum	
APRIL 19 DAYS	Introduction to AI Foundational concepts	Students will be able to understand Human intelligence and its various components such as reasoning, problem solving and creativity	Identify what is AI and what is not	Decision Making.
JUNE 19 DAYS	Basics of AI: Let's Get Started Revision of Python (Practicals) Employability Skills Self-Management skills	Understand the concept of Artificial Intelligence (AI) and its domains Learn about the ethical concerns involved in AI development, such as AI bias, data privacy and how they can be addressed. Students will be able to demonstrate the ability to provide a self-analysis in context of self-management skills	Gamified tools for each domain- DataSciences-ImpactFilter- https://artsexperiments.withgoogle.com/impactfilter/ CV-Autodraw - https://www.autodraw.com/ NLP-Wordtune- https://www.wordtune.com/ List out your strengths and weaknesses	Scientific invention Interpersonal skills Self-awareness
JULY 24 DAYS	AI Project Cycle Advance Python (Practical)	Students will be able to understand the stages of AI Project cycle <ul style="list-style-type: none"> • Problem Scoping • Data Collection • Data Exploration • Modelling • Evaluation Able to write basic python programs using fundamental concepts like variables, data types, operators and control structure.	Write down the format of Problem statement template Explain any 4 types of graphs Teachable machine to demonstrate Supervised Learning Complete the python notebooks given	<ul style="list-style-type: none"> • Problem Solving • Visualization • Evaluating the idea/concept Problem solving skills Mathematical skills

JULY 24 DAYS (Contd....)	Employability Skills Communication Skills	Able to learn Verbal and Non- Verbal communication and writing skills.	Identifying Elements of the Communication Cycle	Effective communication
AUGUST 23 DAYS	Data Sciences Practical : Basics of python, NumPy Employability skills: ICT Skills	Students will be able to define the concept of Data Science and understand its applications in various fields. Revisiting the basic concepts of data acquisition, visualization and exploration. Students will be able to understand the concept of Python for Data Sciences - NumPy Distinguish between different Operating Systems Apply Basic Skills for Care and Maintenance of Computer	Applications of Data Science- Play Rock, paper, scissors game and write down your inferences Complete the notebooks on data domain Solve worksheets on operating systems, files and folders, computer maintenance, and computer security	Understanding data in a better way. Programming skills/ Statistical Learning & Data Visualisation Knowledge of computer Problem solving skills
SEPTEMBER 21 DAYS	Computer Vision Introduction	Students will be able to Define the concept of Computer Vision and understand its applications in various fields.	Understanding CV Concepts ● Computer Vision Tasks Basics of Images-Pixel, Resolution, Pixel value ● Grayscale and RGB images	Image Processing Visualizatio
	Practicals: Pandas, Matplotlib	Students will be able to understand the concept of Python for Computer Vision ● <i>Pandas</i> ● <i>Matplotlib</i>	Complete the notebooks on CV domain	Statistical Learning & Data Visualisation

<p>OCTOBER 22 DAYS</p>	<p>Computer Vision Concepts</p> <p>Employability skills: Entrepreneurial skills</p>	<p>Understand the basic concepts of image representation, feature extraction, object detection, and segmentation.</p> <p>Students will be able to understand the characteristics of successful entrepreneurs, the myths about entrepreneurship and entrepreneurship as a career option.</p>	<ul style="list-style-type: none"> ● Game- Emoji Scavenger Hunt https://emojiscavengerhunt.withgoogle.com/ ● RGB Calculator: https://www.w3schools.com/colors/colors_rgb.asp ● Create your own pixel art: www.piskelapp.com ● Create your own convolutions: http://setosa.io/ev/image-kernels/ <p>Collect success stories of entrepreneurs.</p>	<p>Image processing</p> <p>Interpersonal skills.</p> <p>Critical and creative-thinking skills.</p>
<p>NOVEMBER 18 DAYS</p>	<p>Natural Language Processing Introduction</p> <p>Chatbots</p> <p>Language Differences</p> <p>Concepts of Natural Language Processing</p>	<p>Students will be able to</p> <p>Understand the concept of Natural Language Processing (NLP) and its importance in the field of Artificial Intelligence (AI).</p> <p>Explore the various applications of NLP in everyday life, such as chatbots, sentiment analysis, and automatic summarization</p> <p>Gain an understanding of the challenges involved in understanding human language by machine.</p> <p>Learn about the Text Normalization technique used in NLP and popular NLP model - Bag-of-Words</p>	<p>Use of Google Translate for same spelling words</p> <p>Introduction to Chatbots</p> <p>Data Processing</p> <p>Text Normalisation Bag of Words Text processing</p> <ul style="list-style-type: none"> ● Data Processing ● Bag of Words 	<p>Understanding text representation techniques</p>

<p style="text-align: center;">DECEMBER 19 DAYS</p>	<p>Evaluation Confusion matrix Evaluation methods</p>	<p>Students will be able to</p> <p>Learn to make a confusion matrix for given Scenario</p> <p>Learn about the different types of evaluation techniques in AI, such as Accuracy, Precision, Recall and F1 Score, and their significance.</p> <p>Students will understand the use of confusion matrix to predict results how to find out Accuracy, Precision, Recall and F1 Score</p>	<p>Practicce Evaluation Methods</p> <ul style="list-style-type: none"> • Accuracy • Precision • Recall • F1 Score <p>Understand the evaluation parameters with the help of examples</p>	<p>Problem solving skills</p> <p>Mathematical skills</p>
<p style="text-align: center;">JANUARY 23 DAYS</p>	<p>Employability skills: Green Skills</p>	<p>Students will understand The Sustainable Development.</p> <p>Able to plan the use of resources in a sustainable manner</p>	<p>Discussion on How to Prevent Wastage.</p>	<p>Cognitive Skills/ Attitude</p>
	<p>PREBOARD EXAM</p>			
<p style="text-align: center;">FEBRUARY 23 DAYS MARCH 22 DAYS</p>	<p>REVISION/EXAM</p>			

STD : X

INFORMATION TECHNOLOGY SYLLABUS (2024-25)

MONTH & NO OF DAYS	UNIT / CONTENT	EXPECTED LEARNING OUTCOME	SUGGESTED ACTIVITIES / ASSIGNMENTS	VALUES/SKILLS
MARCH 7 DAYS	Digital Documentation (Advanced)	Students will be able to revise digital documentation.	Revising std IX curriculum	Knowledge of Word Processing
APRIL 20 DAYS	Digital Documentation (Advanced)	Students will be able to <ul style="list-style-type: none"> • Insert and use images in document • Create and use template • Updating styles 	<ul style="list-style-type: none"> • List style categories. • Create a new style using drag-and drop. 	Creativity
JUNE 20 DAYS	Digital Documentation (Advanced) Employability Skills Self-Management skills	Students will be able to <ul style="list-style-type: none"> • Create and customize table of contents • using Mail Merge Students will be able to demonstrate the ability to provide a self-analysis in context of self-management skills	<ul style="list-style-type: none"> • Create a table of contents. Define a hierarchy of headings. • Demonstrate to print the label using mail merge, do the following to achieve List out your strengths and weaknesses	Data Handling Self-awareness Time Management
JULY 23 DAYS	Electronic Spreadsheet (Advanced) Employability Skills Communication Skills	Students will be able to Analyse data using scenarios and goal seek. Link data and spreadsheets Students will be able to Able to learn Verbal and Non- Verbal communication and writing skills.	<ul style="list-style-type: none"> • Use “what if” scenarios Use “what if” tools • Use goal seek and solver • Create reference to other sheets • Create references to other documents Link to external data. Identifying Elements of the Communication Cycle	Data Handling Data Processing Effective communication

AUGUST 23 DAYS	Electronic Spreadsheet (Advanced)	Students will be able to Share and review a spreadsheet	<ul style="list-style-type: none"> Set up a spreadsheet for sharing, Record changes, Add, Edit and Format the Comments, Review changes – view, accept or reject changes. Merge and compare sheets. 	Data Processing and creative thinking
	Employability skills: ICT Skills	Distinguish between different Operating Systems Apply Basic Skills for Care and Maintenance of Computer	Solve worksheets on operating systems, files and folders, computer maintenance, and computer security	Knowledge of computer Problem solving skills
SEPTEMBER 19 DAYS	Electronic Spreadsheet (Advanced)	Students will be able to Create and Use Macros in spreadsheet	<ul style="list-style-type: none"> Demonstrate the use of a macro recorder., Create a simple macro. Access cells directly Sort the columns using macro. 	Critical thinking
OCTOBER 19 DAYS	Database Management System	Students will be able to Appreciate the concept of Database Management System	<ul style="list-style-type: none"> Prepare the sample table with some standard fields. Assign the primary key to the field, composite primary key, foreign key. 	Data Handling
		Create and edit tables using wizard and SQL commands Create Forms and Reports using wizard	<ul style="list-style-type: none"> steps to create Form using Form Wizard, Enter or remove data to modify Forms, change label, background, Search ,Insert and delete record using Form View, create Report using Report Wizard, Illustrate the various steps to create ,modify, delete Form using Form Wizard, to create Report using Report Wizard, Demonstrate various examples of Report. 	Analytical thinking Creativity and data handling

OCTOBER 19 DAYS	Employability skills: Entrepreneurial skills	Students will be able to understand the characteristics of successful entrepreneurs, the myths about entrepreneurship and entrepreneurship as a career option.	Collect success stories of entrepreneurs.	Interpersonal skills. Critical and creative-thinking skills.
NOVEMBER 18 DAYS	Maintain Healthy, Safe and Secure Working Environment	Students will be able to know about Health, Safety and Security at Workplace	<ul style="list-style-type: none"> • Illustrate use of various ways to maintain health as well as the state of the physical, mental and social well being. Potential sources of hazards In an organisation	Interpersonal skills
DECEMBER 17 DAYS	Maintain Healthy, Safe and Secure Working Environment	Maintain workplace safety	<ul style="list-style-type: none"> • Practice to follow basic safety rules at workplace to prevent accidents and protect workers	Presentation, Creativity Critical Thinking Reliability Accountability Interpersonal skills
		Prevent Accidents and Emergencies Protect Health and Safety at work	<ul style="list-style-type: none"> • Illustrate to handle accidents at workplace, • Demonstrate to follow evacuation plan and procedure in case of an emergency. <ul style="list-style-type: none"> • Identify hazards and sources of hazards, problems at workplace that could cause accidents, 	Critical Thinking, Problem-Solving, Decision-Making, Communication skills Critical Thinking, Problem-Solving

<p>JANUARY 23 DAYS</p>	<p>Employability skills: Green Skills</p>	<p>Students will understand The Sustainable Development.</p> <p>Able to plan the use of resources in a sustainable manner</p>	<p>Discussion on How to Prevent Wastage.</p>	<p>Cognitive Skills/ Attitude</p>
<p>PREBOARD EXAM</p>				
<p>FEBRUARY 22 DAYS MARCH 23 DAYS</p>	<p>REVISION/EXAM</p>			

Sub: - **PHYSICAL - EDUCATION**
Syllabus 2024- 2025

Std: - **X**

Month	Unit / Content	Learning outcome	Values &Skills
April	Warm up Basketball	Team Spirit Health, Discipline, To understand the game	Values - To develop agility, speed, body balance, flexibility, endurance Skills- Basketball dribbling , dodging , throwing . passing techniques, rules of the games
June	Warm up Dodgeball, Football	Imagination, Health, Discipline, To understand the game	Values -Physical Fitness, Hand and eye Co-ordination Skills- Throwing and dodging techniques, dribbling, long kicks, long passes etc.
July	Warm up Badminton, Table Tennis	Thinking, Health, Discipline, To understand the game	Values - Co-ordination, Concentration, Stamina Skills- Grip, stance, stroke, service smash
August	Warm up Football, Basketball	Self Confidence, Health, Discipline To understand the game	Values - To develop mentally and physically fit Skills- Kicks ,passes, dribbling, trapping Throwing techniques,
September	Warm up Basketball	Understanding Health, Discipline, To understand the game	Values - To develop agility , speed , body balance flexibility, endurance Skills- Passes, dribbling, pivot
October	Warm up Throw Ball, Ring Tennis	Co-Ordination, Health, Discipline, To understand the game	Values - Team spirit, Sportsman Spirit Skills- Grip , stance, Throwing Techniques, Catching techniques
November	Warm up Volleyball, Throw ball	Co-Ordination, Health, Discipline, To understand the game	Values - To develop muscular strength, endurance, stamina Skills- Service techniques, smash techniques, throwing, catching techniques
December	Warm up Kho-kho Football	Grasping, Health, Discipline, To understand the game	Values - To become a good citizen through the sports Skills- Stance, kho techniques, penalty kick, off side, rule of the game
January	Warm up Basketball	Co-Ordination, Physical Fitness, Health, Discipline, To understand the game	Values - To develop Hand and Eye Co-ordination, Team sprit stamina. Skills - Dribbling, Chest passing, Lay-up shot
February	Warm up Football, Basketball	Physical Fitness, Health, Discipline, To understand the game	Values - To develop Physically & mentally Fit, Team sprit Skills- Heading and throw-in techniques, goal keeping, Dribbling, passing, rules of the game

MONTHS / DAYS	CONTENT/ TOPIC	LEARNING OUTCOME	ACTIVITIES	VALUE/SKILLS
APRIL 20 DAYS	What is health?	Students define health	Write an article on topic “ The significance of health “ in 50 words	The students understand importance of health.
JUNE 20 DAYS	Sources of food: Food from plants and food from animals	Students differentiate between plant and animal sources of food.	List food items which you eat in our daily life into two groups-Food from plants and food from animals -10 each	The students analyse sources of food in their daily life.
JULY 23 DAYS	What are nutrients (components of food)? Importance of Carbohydrates and fats	Students understand nutrients and their importance	----- --	The students become aware about their nutritional needs.
AUGUST 23 DAYS	Importance of proteins, vitamins and minerals	Students understand importance of proteins, vitamins and minerals in their diet	List out food items which give energy, build body and protect us from diseases (5 each)	The students understand importance and source of nutrients
SEPTEMBER 19 DAYS	Vitamins, their sources, functions and deficiency diseases.	Students relate deficiency of vitamins with its diseases	-----	The students understand importance of vitamins in daily diet.
OCTOBER 19 DAYS	Mineral , their sources, functions and deficiency diseases	Students relate deficiency of minerals with its diseases	Write a report on any one mineral/ vitamin deficiency disease in 50 words. Also paste a picture related to the disease.	The students become aware about vitamin/ mineral deficiency diseases
NOVEMBER 18 DAYS	Balanced diet and importance of water and roughage	Students analyses importance of balanced diet	Prepare your own meal plan, by choosing food items, so that they form a balanced diet for you- For Breakfast, Lunch and Dinner meals	The students develop their meal plan based on balanced diet
DECEMBER 17 DAYS	Factors responsible for poor health	Students understand factors for poor health.	-----	The students become conscious about their health
JANUARY 23 DAYS	Obesity	Students analyse causes of obesity	-----	The students become aware about effects of obesity
FEBRUARY 20 DAYS	Personal hygiene and physical exercise	Students realise importance of hygiene and physical exercises	Collect some information about careers in health and nutrition and discuss in class.	The students practice personal hygiene and physical exercise in their daily life.

Month and days available for teaching	Unit / Lesson & Content	Learning outcomes	Assignment/Activities	Values / Skills
April 20 days	What is Yoga? History and importance of Yoga	Students will realize the History and importance of Yoga	Notes on History and importance of Yoga	To appreciate the contribution of Yoga in our day to day life
June 20 days	Pranayama	Students will know about the ancient breathing technique.	Guidelines for the practice of pranayama	To will realize the health benefits of proper breathing technique
July 23 days	Meditation	Students imbibe knowledge of proper meditation	Meditation session in Yoga class	To develop concentration and positive attitude through meditation
August 23 days	Suryanamskar	Students will gain knowledge about proper ways of performing Suryanamskar	To collect information and advantages of 12 asanas of Suryanamskar	To improve the overall physical health
September 19 days	PRACTICING ALL ASANAS LEARNT			
October 19 days	Different types of Tadasana	Students will gain knowledge about proper ways of performing different Tadasana	Do's and Don'ts Chart of Tadasana	To improve the overall physical health
November 18 days	Vrikshasana (Tree posture)	Students will gain knowledge about proper ways of performing Vrikshasana	Do's and Don'ts Chart of Tree posture	To understand the importance of Vrikshasana
December 17 days	Trataka (concentrated gazing)	Students will gain knowledge about proper ways of performing Trataka	Do's and Don'ts Chart of Trataka	To strengthen the eye muscles and improve vision.
January 23 days	PRACTICING ALL ASANAS LEARNT			

2024-25

STD : 10		SUBJECT: DANCE		
Month	Chapter & Topics	Expected learning objectives	Suggested activities	Values/Skills
April 20 days	Revision & practice of footsteps of Kathak- Tatkar, Hand movements, 2 Tukdas	Students will be able to do reinforcement and revision of dances already learnt in STD- IX	Practice dance at home	Creativity, Sensitivity Punctuality, Dancing
June 20 days	Practice of footsteps of Kathak- Tatkar, Hand movements, 2 Tukdas and Tihai	Students will be able to revise the dance lessons.	Practice dance at home	Creativity, Sensitivity Punctuality, Dancing
July 23 days	Patriotic dance	Students will be able to understand the importance of patriotism in life	Practice dance at home	Nationalism, Patriotism, Punctuality, Dancing
August 23 days	Patriotic Dance	Students will be able to understand the importance of patriotism in life	Practice dance at home	Nationalism, Patriotism, Punctuality, Dancing
September 19 days	Traditional aspect of Kathak dance 1) Chakkardar Tukda 2) Hast Mudra 3) Hastak	Students will be able to perform and learn traditional aspect of Kathak	Practice dance at home	Creativity, Sensitivity Punctuality, Dancing
October 19 days	Choreography on Classical dance	Students will be able to perform and learn traditional aspect of Kathak and develop interest through choreography	Practice dance at home	Creativity, Sensitivity Punctuality, Dancing
November 18 days	Choreography on Classical dance	Students will be able to perform and learn traditional aspect of Kathak and develop interest through choreography	Practice dance at home	Creativity, Sensitivity Punctuality, Dancing
December 17 days	1) Introduction of Folk Dance forms of India 2) Folk dance of Maharashtra	Students will be able to try and understand the folk dances of India and learn folk dance of Maharashtra	Practice dance at home	Creativity, Sensitivity Punctuality, Dancing
January 23 days	Folk dance of Maharashtra	Students will be able to learn folk dance of Maharashtra	Practice dance at home	Creativity, Sensitivity Punctuality, Dancing
February 20 days	Dance on devotional songs (Vandana)	Students will be able to perform and learn dance on devotional songs	Practice dance at home	Creativity, Sensitivity Punctuality, Dancing
March 23 days	Revision of all lessons	Students will be able to do reinforcement and revision of dances already learnt	Practice dance at home	Creativity, Sensitivity Punctuality, Dancing

STD : IX

MUSIC

MONTH	UNIT/ LESSON	LEARNING OBJECTIVES	EXPECTED LEARNING OUTCOME	SUGGESTED ACTIVITIES	VALUES/ SKILLS
April (20 DAYS)	Alankar (Shudha Swar, Chhandatmak) /Dadra (Shyam Sunder Madan Mohan) sufi geet " Darad diwane baware"	To enable the students to learn the meaning of alankar and sing it. incorporate semi classical music	Students will be able to learn the meaning of alankar and sing it.	Make new alankars by using swaras and learn the sequence.	Creativity & Imagination
June (20 DAYS)	Dadra/Patriotic Song (Koti-Koti Kanthon nein Gaya) sufi geet " Darad diwane baware"	To enable the students to learn the meaning of the song and sing it.	Students will be able to learn the meaning of the song and sing it.	Sing any patriotic song.	Patriotism
July (23 DAYS)	Patriotic Song (Continued)	To enable the students to learn the meaning of the song and sing it.	Students will be able to learn the meaning of the song and sing it.	Sing any patriotic song.	Patriotism
August (23 DAYS)	English Song (Under the same sun)	To enable the students to sing the song.	Students will be able to sing the song.	Listen to the song and sing it.	Harmony and tonic progression
September (19 DAYS)	English Song (continued)	To enable the students to learn the meaning of the song and sing it.	Students will be able to learn the meaning of English song.	Listen any English song.	Immitate english accent and the composition style
REVISION & HALF YEARLY EXAMINATION					
MONTH	UNIT/ LESSON	LEARNING OBJECTIVES	EXPECTED LEARNING OUTCOME	SUGGESTED ACTIVITIES	VALUES/ SKILLS
October (19 DAYS)	Bhajan (Govind hare Gopal hare)	To enable the students to learn the meaning of the devotional song and sing it.	Students will be able to learn the meaning of the bhajan and sing it.	Sing a vedic bhajan.	Inculcate Spritualism & Devotion
November (18 DAYS)	Bhajan (Continued) Shanti Path	To enable the students to learn the meaning of the devotional song and sing it.	Students will be able to learn the meaning of the bhajan and sing it.	Sing a vedic bhajan.	Inculcate Spritualism & Devotion
December (17 DAYS)	Patriotic Song (vandya vande mataram)	To enable the students to learn the meaning of the song and sing it.	Students will be able to learn the meaning of the song and sing it.	Sing any patriotic song.	Patriotism
January (23 DAYS)	Patriotic Song (Continued)	To enable the students to learn the meaning of the song and sing it.	Students will be able to learn the meaning of the song and sing it.	Sing any patriotic song.	Patriotism
February (20 DAYS)	Revision of Bhajan & Patriotic Song				
March (23 DAYS)	REVISION & FINAL EXAMINATION				

ASSESSMENT - 1		ASSESSMENT - 2	
TERM 1	SEPTEMBER	TERM 2	FEBRUARY
S.NO.	TOPIC	TOPIC	
1	ALANKARS - SHUDHA SWAR , CHHANDATMAK	ALANKARS - SHUDHA SWAR , CHHANDATMAK	
2	DADRA - SHYAM SUNDER MADAN MOHAN	DADRA - SHYAM SUNDER MADAN MOHAN	
3	PATRIOTIC SONG - KOTI KOTI KANTHON NEIN GAYA	PATRIOTIC SONG - KOTI KOTI KANTHON NEIN GAYA	
4	ENGLISH SONG - UNDER THE SAME SUN	ENGLISH SONG - UNDER THE SAME SUN	
5		BHAJAN- GOVIND HARE GOPAL HARE	
6		PATRIOTIC SONG - VANDYA VANDE MATARAM	
7		SHANTI PATH	