



**SUBJECT – ENGLISH**

Month	Name of the topic	Aims / Objective	Subject Enrichment Activity
April	Reading : Unseen passage	To develop skills of comprehension critical evaluation and analysis.	Poem enactment / Class Discussion based on the essence of the poem i.e confidence insecurities manipulations opportunistic attitude
	Writing: Factual description of person / Place	To enable children to develop a description of person or place in a simple and appropriate language on the basis of the observation .	
	Grammar: Gap filling, syntax	To help children execute appropriate grammar rules in the use of Language.	
	Literature: F-1 ‘Two Gentlemen of Verona’, F-2 Mrs Packletide’s Tiger P-7 ‘The Frog and The Nightingale’ (poem)	To understand the importance of responsibility, hardwork, relationships and never give up spirit. To develop Confidence, Truthfulness and discretion against insecurity, jealousy selfishness To Enhance Critical and Logical thinking and understand symbolism. To be intelligent enough to know our limitation without getting carried with false praise	
May	Reading: Unseen passage	To develop skills of comprehension critical evaluation and analysis.	
	Writing: E-Mail / Factual description of objects	To enhance writing a short controlled composition. To develop keen Observation to develop a paragraph	
	Grammar: Editing, omission	To identify the error and provide correction to develop proficiency in the use of Language.	
	Literature: F-3 ‘The Letter’/ Drama 13 Julius Caesar Poem: P-8 ‘Not Marble Nor the Gilded Monuments’	To understand the importance of doing good deeds & grief of separation from loved ones To present Human character which is selfish shrewd greedy hypocrite To understand the power and value of time and words	
July	Reading: Unseen Passage Data Base Passages for analysis	To develop skills of comprehension critical evaluation and analysis. Interpretation of data	Debate on Supernatural powers exist or not Or Materialistic World vs Real World
	Writing: letter to the editor & Civic Authority	To inculcate innovative use of Language & structure fused with creativity to bring/highlight an Issue	
	Grammar: Gap filling, Reported speech	To know their usage and develop proficiency in the use of Language. To make a meaningful conversation on the basis of given input	
	Literature: F-4 ‘ A Shady Plot Drama-13 Julius Caesar’/ F-3 The Letter’ Poem :P-9‘Ozymandias’	To develop confidence to conquer fear and superstitions. Bring face to face with present day human character which is shrewd, greedy and hypocrite. To inculcate human values. To understand the transitory nature of Life and things and power of time.	



<b>August</b>	Reading: Unseen passage	To develop skills of comprehension critical evaluation and analysis.	
	Writing: Letter Writing(of Enquiry )	To know the style appropriate for communication purpose to be sent through postto enquire of product services etc	
	Grammar: Reported speech	To know the usage and develop proficiency in the use of Language.	
	Literature, P-10 'The Rime of the Ancient Mariner' L-5 'Patol Babu'	To develop love, respect and appreciation for all God's creation. If not then it is Sin followed by punishment and repentance To inculcate sincerity and dedication towards work	
<b>September</b>	Reading: Unseen Passage	To develop skills of comprehension critical evaluation and analysis.	Poster making on animal protection
	Writing: Article writing, Writing Letter to place order	To Polish writing skills and critical thinking to write on a given topic	
	Grammar: Syntax & Omission	To know the usage and develop proficiency in the use of Language.	
	Literature: P-11 Snakes D-12 The Dear Departed	To develop sensitivity towards environment and creatures. Dealing with the moral consciousness of society Hippocratic human behavior , cheating selfish	
<b>October</b>	Reading: Unseen Passage	To develop skills of comprehension critical evaluation and analysis.	
	Writing: Letter of complaint	To enhance their imaginative & creative skills.in conveying complaint of a defective product	
	Grammar: Editing, omission	To know their usage and develop proficiency in the use of Language.	
	Literature: F-6'Virtually True	To develop scientific approach and critical analysis regarding scientific development and its usage.	
<b>November</b>	Reading: Unseen Passage Revision	To develop skills of comprehension critical evaluation and analysis.	
	Writing: Practice of e-mails, Factual descriptions, Articles & Letters	To enhance thinking and creative skills. And practice each skills	
	Grammar: Gap filling	Using appropriate words to fill the gaps	
	Literature: Drama-12' The Dear Departed'	To understand the text and through it human character which is full of vices and virtues. To appreciate the power of oratory	
<b>December</b>	Reading: Unseen Passage	To develop skills of comprehension critical evaluation and analysis.	
	Writing: Story writing	To promote the habit of writing events with reference to personal expressions in a creative way.	
	Grammar: Reported Speech	Same as before.	
	Literature: Revision	Doubts Extra Questions	



<b>January</b>	Reading: Revision	For practice	
	Writing: Revision	For practice	
	Grammar: Revision	For practice	
	Literature: Revision	For practice	

**Exam Syllabus**

<b>Terminal</b>	<b>Half Yearly</b>	<b>Pre-Board I</b>	<b>Pre-Board II</b>
Reading– Unseen Passage Writing–Factual description of person & object E-Mail Grammar– Gap filling, Editing, Omission & Syntax Literature– F-1, 2 & 3 Poem – 7 & 8	Reading– Unseen Passage Writing–Factual description of person, place & object E-Mail Formal Letters Grammar– Gap filling, Editing, Omission, Syntax & Reported Speech Literature– -F – 1 , 2 , 3 , 4 & 5 Poem –7 , 8 , 9 & 11 Drama – D-13	Reading– Unseen Passage Writing–Factual description of person, place & object E-Mail Letter Writing, Article Writing Grammar– Gap filling, Editing, Omission & Syntax Literature– F-1 to 6 Poem –7 , 8 , 9 , 10 & 11 Drama – D-12,13	Reading– Unseen Passage Writing–Factual description of person, place & object E-Mail Letter Writing, Article Writing Grammar– Gap filling, Editing, Omission & Syntax Literature– F – 1 to 6 Poem – 7 , 8 , 9 , 10 , 11 Drama – D-12 , 13



**SUBJECT – HINDI**

Month	Name of the Chapter	Objective/Aim	Project
अप्रैल	पाठ-1 पद पाठ7 - नेताजी का चश्मा कृतिका- -पाठ1 माता का आँचल व्याकरण भेद- रचना के आधार पर वाक्य - अलंकार (,उपमा, रूपक उत्प्रेक्षा ,अतिशयोक्ति,मानवीकरण, अनुच्छेद ,पत्र, विज्ञापन,अलंकार ,संदेश लेखन- , अपठित गद्यांश,पद्यांश	1-छात्रों में भाषा के सभी कौशलों का विकास करना 2-हिन्दी साहित्य के भक्ति काल की विशेषताओं से परिचय करवाना ।	ग्रामीण जीवन शैली तथा शहरी जीवन शैली का तुलनात्मक अध्ययन करते हुए एक रिपोर्ट तैयार करना ।
मई	पाठ-2 राम लक्ष्मण परशुराम संवाद पाठ 8- बालगोबिन भगत , व्याकरण- वाच्य ,पदपरिचय- ई -मेल लेखन कृतिका-पाठ-2 साना-साना हाथ जोड़ी	छात्रों में भाषा के सभी कौशलों का विकास करना ,हिन्दी साहित्य के भक्ति काल की विशेषताओं से परिचय करवाना ।पद - परिचय की सहायता से छात्रों में व्याकरण संबंधी त्रुटियों का समाधान करवाना	भक्तिकाल के सगुण भक्ति धारा के कवियों के कृतित्व व्यक्तित्व पर आधारित पीपीटी बनवाना
जुलाई	पाठ3- आत्म कथ्य-पाठ 9 लखनवी अंदाज़ , व्याकरण वाच्य-,अलंकार (उपमा,रूपक,उत्प्रेक्षा ,अतिशयोक्ति,मानवीकरण पुनरावृत्ति कृतिका-पाठ-2 साना-साना हाथ जोड़ी	काव्य सौंदर्यके महत्वपूर्ण कारकों में- अलंकारों की भूमिका बताना । कहानी लेखन तथा काव्य में काल्पनिकता की भूमिका का प्रतिपादन तथा औचित्य पर प्रकाश डालना ।	भारत के उत्तर पूर्वी राज्य सिक्किम पर एक प्रोजेक्ट तैयार करना ।
अगस्त	पाठ4- उत्साह,अट नहीं रही पाठ-10 एक कहानी यह भी व्याकरण पद परिचय स्ववृत्तलेखन-, अपठित गद्यांश,पद्यांश  अर्द्धवार्षिक परीक्षा हेतु पुनरावृत्ति	छात्रों के सर्वांगीण विकास हेतु स्ववृत्त व विज्ञापनों के महत्त्व को बताना तथा उनका दिन प्रतिदिन के जीवन में उपयोग बताना	
सितम्बर	अर्द्धवार्षिक परीक्षा पाठ-11 नौबतखाने में इबादत		
अक्टूबर	पाठ5- यह दंतुरित मुस्कान, फसल पाठ-12 संस्कृति पाठ6- संगतकार व्याकरण भेद की पुनरावृत्ति वाक्य-वाक्य- कृतिका 3-पाठ- मैं क्यों लिखता हूँ		प्राकृतिक आपदा अर्थ ,कारण,और निवारण पर एक परियोजना बनाना।
नवम्बर	प्री बोर्ड हेतु पुनरावृत्ति कार्य-,अलंकार,पत्र,अनुच्छेद अपठित गद्यांश,पद्यांश वाक्य ,पद परिचय आदि- प्री-बोर्ड-2 हेतु पुनरावृत्ति कार्य ।		
दिसम्बर	पुनरावृत्ति		
जनवरी	पुनरावृत्ति		

**Exam Syllabus**



प्रथम इकाई परीक्षा	अर्द्धवार्षिक परीक्षा-	ग्री 1-बोर्ड-	ग्री 2-बोर्ड-
अपठित व पठित गद्यांश, पद्यांश पाठ-1, 2, 7, 8 (क्षितिज) पाठ-1, (कृतिका) अलंकार(अर्थालंकार), वाच्य रचना के आधार पर वाक्य भेद अनुच्छेद, पत्र., इमेल लेखन विज्ञापन,	अपठित व पठित गद्यांश, पद्यांश पाठ1--2, 3, 4, 7, 8, 9, 10 (क्षितिज) पाठ-1, 2 (कृतिका) अलंकार, वाच्य, रचना के आधार पर वाक्य भेद, पदपरिचय- अनुच्छेद, पत्र, इमेल, स्ववृत्त-लेखन , विज्ञापन, संदेश लेखन	अपठित व पठित गद्यांश , पद्यांश पाठ1, 2, 3, 4, 5, 6, 7, 8, 9, 10, 11 , 12 (क्षितिज) पाठ-1, 2, 3 (कृतिका) अलंकार, वाच्य , रचना के आधार पर वाक्य, भेद , पदपरिचय- अनुच्छेद, पत्र, इमेल, स्ववृत्त- लेखन, विज्ञापन, संदेश लेखन	अपठित व पठित गद्यांश , पद्यांश पाठ1, 2, 3, 4, 5, 6, 7, 8, 9, 10, 11, 12, (क्षितिज) पाठ-1, 2, 3, (कृतिका) अलंकार, वाच्य , रचना के आधार पर वाक्य, भेद , पदपरिचय- अनुच्छेद, पत्र, इमेल, स्ववृत्त- लेखन, विज्ञापन, संदेश लेखन,



CLASS: X – BIFURCATED SYLLABUS – 2025 – 26

**SUBJECT – SANSKRIT**



Month	Name of the Chapter	Objective/Aim	Subject Enrichment Activity	Project
April	शेमुषी – पाठ- 1 - शु चपर्यावरणम् व्याकरण -अव्यय, द्वन्द्व समास, अशुद्ध संशोधन, पत्रलेखन ।	छात्रों को पर्यावरण का महत्व समझाते हुए पर्यावरणस्वच्छता के प्रति जागरूक करना ।		
May	शेमुषी -पाठ- 2 बुद्धिर्बलवती सदा व्याकरण समास - अव्ययीभाव, वाक्यनिर्माण, पत्रलेखन, सं ध, चित्रवर्णन।	व्यंजनों के परिवर्तन को स्पष्ट करते हुए छात्रों को व्यंजन सं ध का ज्ञान कराना ।	चारित्रिक गुणों की रूपरेखा तैयार करते हुए चार्ट पर पाँच सूक्तियाँ लिखो ।	
July	शेमुषी -पाठ- 4- शशुलालनम् व्याकरण - वसर्ग सन्धि उत्त्वम् -, सत्वम्, अव्यय, वाक्यनिर्माण, समय ।	छात्रों को रामायण से संबंधित कुछ विशेष घटना क्रम की जानकारी देना।		
August	पाठ- 5 - जननी तुल्यवत्सला व्याकरण - प्रत्यय, तत्पुरुष समास, वाक्यनिर्माण, पत्रलेखन	सं क्षप्तीकरण को समझाते हुए समास ज्ञान कराना ।	दैनिक दिनचर्या से संबंधित सात वाक्य संस्कृत में लिखो ।	परिश्रम का फल कहानी का संस्कृत अनुवाद करें ।
September	पाठ- 6,7 - सुभाषतानि, सौहार्द प्रकृतेः शोभा व्याकरण - अशुद्ध संशोधन, वाच्यपरिवर्तन चित्रवर्णन, अनुच्छेद लेखन ।	छात्रों को प्राकृतिक सौंदर्य तथा प्रकृति के मातृत्व भाव से अवगत कराना ।	सर्वनाम शब्द रूपों से अवगत कराना तथा सं ध ज्ञान देना ।	
October	पाठ- 8, 9 - व चित्रसाक्षीः, सूक्तयः व्याकरण - रुत्वम्, वसर्गस्य लोपः बहुव्रीहिसमास, पत्रलेखन, चित्रवर्णन ।	छात्रों को न्याय व्यवस्था से अवगत कराते हुए न्याय के प्रति जागरूक करना ।	पर्यावरण स्वच्छता से संबंधित एक सुंदर विज्ञापन बनाते हुए ।	पाँच वाक्य संस्कृत में लिखो ।
November	पाठ- 12 अन्योक्ति व्याकरण - समास, चित्रवर्णन, वाच्यपरिवर्तन	लकार ज्ञान कराते हुए वाच्य परिवर्तन से अवगत कराना ।	संस्कृत में पाँच संस्कृत में लिखो ।	
December	शेमुषी - घटनाक्रमभाषास व्याकरण - कराए गये समस्त कार्य की पुनरावृत्ति ।	छात्रों में लेखन कौशल का विकास करना ।		
January	कराए गये समस्त कार्य की पुनरावृत्ति			
February	कराए गये समस्त कार्य की पुनरावृत्ति			

**Exam Syllabus**

प्रथम इकाई परीक्षा	अर्धवार्षिक परीक्षा-	प्री 1-बोर्ड-	प्री 2-बोर्ड-
पाठ 1, 2,3,4 पठित तथा अपठित गद्यांश पत्र, चित्रवर्णन व्यंजनसं ध, द्वन्द्व समास, अव्यय शब्द, प्रत्यय, समय, संख्या, घटनाक्रम ।	पाठ 1 से 6 तक, पठित तथा अपठित गद्यांश पत्र, चित्रवर्णन, वाक्यनिर्माण, सं ध, समास, अशुद्ध संशोधन, घटनाक्रम, वाच्यपरिवर्तन, प्रत्यय ।	पाठ 7, 8, 12, पठित तथा अपठित गद्यांश, पद्यांश, पत्र, चित्र वर्णन, सं ध, समास, प्रत्यय, समय, अव्यय, अशुद्ध संशोधन, वाच्यपरिवर्तन,, शब्दार्थ तथा घटना क्रमानुसार वाक्य चयन ।	पाठ 7- 12, पठित तथा अपठित गद्यांश, पद्यांश, पत्र, चित्रवर्णन, अनुच्छेद वाक्य निर्माण, सं ध, समास, प्रत्यय, अशुद्ध संशोधन, वाच्यपरिवर्तन, अव्यय, समय, शब्दार्थ तथा घटना क्रमानुसार वाक्य चयन ।



**SUBJECT – FRENCH**

Month	Name of the Chapter (Theme)	Objective	Subject Enrichment Activity
April	<b>Lecon 2</b> <b>Après le bac(l'enseignement)</b> Le future antérieur La forme nominale <b>Lecon 3</b> <b>Chercher du travail (le travail)</b> Les pronoms relatifs: simple et composés	Students will be able to learn the education system of France/india.  Students will be able to learn the work system of France. They will learn to write job applications.	Demander un avis Demander /donner des renseignements.  Decrier la carrier professionnelle  Conseiller quelqu'un
May	<b>Lecon 4</b> <b>Le plaisir de lire (la lecture)</b> Le plus-que-parfait	Students will be able to learn to describe a event or a story.	S'inscrire a la bibliotheque. Inviter quelqu'un.
July	<b>Lecon 5</b> <b>Les medias (l'information,les nouvelles)</b> La forme nominale Les pronoms personnels: y,en <b>Lecon 6</b> <b>Chacun ses goutes (les preferences/les loisirs)</b> les pronoms demonstratifs simple et composés	Students will be able to get knowledge about media. To tell the facts about something.  Students will be able to tell their choices or preferences.	S'informer Decrier une emission Television. Exprimer ses goutes Raconteur un histoire Decrier une visite au musee/au cinema. Discuter les bonne habitudes de vie. S'informer dela santé de quelqu'un.
August	<b>lecon 7</b> <b>En pleine forme(la bonne santé)</b> Les pronoms possessifs <b>Lecon 8</b> <b>L'environnement (sauver la planete)</b> Le subjonctif	Students will be able to talk about healthy lifestyle and good habits of life. Students will be able to talk about the environment. To understand the cause of pollution. To understand how to recycle the things.	Faire des projects pour sauver la planete.  Exprimer la necessite/la volonte/les sentiments.
September	Revision and Half Yearly Exams <b>Lecon 8 (Cont..)</b>		
October	<b>Lecon 10</b> <b>Vive la Republique (le syeteme politique)</b> Le discours rapporte	Students will be able to understand the political system of France / India.	Rapporter un discours Telephone a quelqu'un
November	Revision & Preboard 1		
December	Revision & Preboard 2		
January	Revision		

**Exam Syllabus**

Terminal	Half Yearly	Pre-Board I	Pre-Board II
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<b>Comprehension écrite :</b> Un texte <b>Production écrite:</b> La lettre ,une message/ une invitation <b>Grammaire : le future</b> antérieur , la negation, Les pronoms relatifs simple/composes, la forme nominale, trouvez la questions. <b>Culture et civilisation:</b> <b>Lecon 2,3,4</b>	<b>Comprehension écrite :</b> Un texte <b>Production écrite:</b> La lettre ,une message/ une invitation, remettez les dialogues <b>Grammaire : le future</b> antérieur , la negation, la forme nominale, trouvez la questions, les pronoms (COD,COI,tonique,Y,EN) Le plus-que-parfait, les pronoms demonstratifs simple et composes Les pronoms possessifs <b>Culture et civilisation:</b> <b>Lecon 5,6,7,8,</b>	Whole syllabus	Whole syllabus
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**SUBJECT – SCIENCE**

Month	Name of the Chapter	Objective/Aim	Subject Enrichment Activity	Project
<b>April</b>	Ch-1: Chemical reactions:  Ch-5: Life processes  Ch-9: Light-Reflection and Refraction	To study balancing and implications of balanced chemical equations, different types of chemical reactions. To make students understand about the Basic concept of Nutrition and Respiration in plants and animals. To study the characteristics of image formation in plane mirrors, laws of reflection & refractions, differentiate between real and virtual images, observe the effect of refraction in daily life, compare the types of spherical mirror & lens, draw ray diagrams for image formation by Spherical Mirrors. Magnification	Performing and observing the following reactions and classifying them into: <b>A.</b> Combination reaction <b>B.</b> Decomposition reaction <b>C.</b> Displacement reaction <b>D.</b> Double displacement reaction (i) Action of water on quicklime (ii) Action of heat on ferrous sulphate crystals (iii) Iron nails kept in copper sulphate solution (iv) Reaction between sodium sulphate and barium chloride solutions. Exp 1- To measure the rough focal length of (i) Convex lens (ii) Concave mirror	To write/create the procedure of the preparation of any two fermented beverages of your choice.
<b>May</b>	Ch-5: Life processes  Ch-2: Acids, bases, and salts	To make students understand about the Basic concept of transport and excretion in plants and animals. To study and understand definitions of acids and bases in terms of furnishing of $H^+$ and $OH^-$ ions, their general properties, examples and uses, neutralization, concept of pH scale, importance of pH in everyday life; preparation and uses of Sodium Hydroxide, bleaching powder, baking soda, Washing soda and Plaster of Paris.	Preparing a temporary mount of a leaf peel to show stomata.  Experimentally show that carbon dioxide is given out during respiration. Finding the pH of the following samples by using pH paper/universal indicator: (i) Dilute Hydrochloric Acid (ii) Dilute NaOH solution (iii) Dilute Ethanoic Acid solution (iv) Lemon juice (v) Water	To analyse household chemicals to determine their pH levels and chemical properties.



			(vi) Dilute Hydrogen Carbonate solution. Studying the properties of acids and bases (HCl & NaOH) on the basis of their reaction with: a) Litmus solution (Blue/Red) b) Zinc metal c) Solid sodium carbonate experiment	
	Ch-9: Light-Reflection and Refraction	Image formation by lens (concave and convex), magnification of a lens Numerical based on magnification, mirror & lens formula and determine the power of the lens.	2- To measure lateral Displacement using glass slab.	
July	Ch-6: Control and co-ordination in animals and plants  Ch-3: Metals and nonmetals  Ch-10: The Human Eye and the Colorful World	To study and learn tropic movements in plants; Introduction of plant hormones Control and co-ordination in animals: to study Human Nervous system; Voluntary, Involuntary, and reflex action. Chemical co-ordination: Animal hormones  To focus on Properties of metals and non- metals; Reactivity series; Formation and properties of ionic compounds.  To study the functioning of a lens in human eye, their defects of vision and their corrections. To understand how white light is a mixture of colors and appreciate that the dispersion is caused by the difference in angles of deviation caused by a prism for different colors, correlate dispersion, refraction to certain observations in daily life and in nature like rainbow,	Observing the action of Zn, Fe, Cu and Al metals on the following salt solutions: Unit-I i) $\text{ZnSO}_4(\text{aq})$ ii) $\text{FeSO}_4(\text{aq})$ iii) $\text{CuSO}_4(\text{aq})$ iv) $\text{Al}_2(\text{SO}_4)_3(\text{aq})$ Arranging Zn, Fe, Cu and Al (metals) in the decreasing order of reactivity based on the above result.  Exp3- Tracing the path of the rays of light through a glass prism.	Portfolio activity: To create a graphical organizer or flowchart for explaining the phenomena of tropic movements in plants.



		learn about atmospheric refraction and scattering to certain observations in daily life and in nature like twinkling of stars, blue color of sky etc.		
<b>August</b>	<p>Ch-3 Metals and Non-metals (continue)</p> <p>Ch-7: Reproduction</p> <p>Ch-11: Electricity</p>	<p>Basic metallurgical processes; Corrosion and its prevention.</p> <p>To study Reproduction in animals and plants (asexual and sexual). To know about reproductive health – need and methods of family planning. Safe sex vs HIV/AIDS. Childbearing and women's health.</p> <p>To study about the electric current, potential difference, resistance, resistivity &amp; power, deduce ohm's law &amp; verify it experimentally, factor on which resistance of conductor depend, solve numerical on combination of resistors in series and parallel, state the joules law of heating &amp; solve numerical based on it, heating effect of electric current and its application in daily life,</p> <p>To study about the expression for electric power, interrelation between P, V, I and R, Commercial unit of energy.</p> <p>Revision for half yearly</p>	<p>Studying</p> <p>(a) binary fission in Amoeba, and (b) budding in yeast and Hydra with the help of prepared slides.</p> <p>Exp4 - To verify Ohm's law.</p> <p>Exp5 - To verify series and parallel combinations of resistance</p>	





<b>September</b>	Half yearly examinations Ch-4: Carbon compounds  Ch-12: Magnetic Effect of Electric Current	To study Covalent bonding in carbon compounds. Versatile nature of carbon. Homologous series. Nomenclature of carbon compounds containing functional groups, To study the concept of magnetic field & demonstrate its presence using a bar magnet, learn the properties of magnetic field lines		
<b>October</b>	Ch-4: Carbon compounds(CONT)  Ch-8: Heredity	Chemical properties of carbon compounds Ethanol and Ethanoic acid (only properties and uses), soaps and detergents.  To understand Heredity; Mendel's contribution- Laws for inheritance of traits: Sex determination: brief introduction	Study of the following properties of acetic acid (ethanoic acid): i) Odour ii) solubility in water iii) effect on litmus iv) reaction with SodiumHydrogen Carbonate v) Study of the comparative cleaning capacity of a sample of soap in soft and hard water. Identification of the different parts of an embryo of a dicot seed (Pea, gram or red kidney bean).	Prepare a soap of your choice  Observe and prepare a file on the fingerprints of your family members (any five)



	Ch-12: Magnetic Effect of Electric Current(CON T)	Discuss the magnetic field around a straight current carrying conductor, a circular loop, a solenoid & an electromagnet, state & apply right hand thumb rule to find the direction of magnetic field, study the force on a current carrying conductor in a magnetic field, state & apply Fleming's left-hand rule to determine the direction of force produced. Domestic electric circuit, overloading, short circuit, and application of fuse wire.	Activity 1 - Draw magnetic field lines around bar magnet. Activity2 – Demonstration of Solenoid.	To make an electric bell and electromagnet.
	Ch-13-Our environment	To know about Eco-system, Environmental problems, Ozone depletion, waste production and their solutions. Biodegradable and non-biodegradable substances.		Investigate any local environmental issue, propose solution to address the problem and measures to raise awareness. [Topic from Internal Assessment Chapter as per CBSE]
<b>November</b>	Revision & Preboard 1			
<b>December</b>	Preboard 2			
<b>January</b>	Revision			

### Exam Syllabus

Terminal	Half Yearly	Pre-Board I	Pre-Board II
Ch 1,2,5,9,10 (Page No. 162 till power of accommodation)	Ch-1,2,3,5,6,7,9,10,11	Whole syllabus	Whole syllabus



**SUBJECT – MATHS**

Month	Name of the Chapter	Objective/Aim	Subject Enrichment Activity
April	Ch-1. Real Numbers	To make students aware of Fundamental Theorem of Arithmetic. To learn about irrational and rational numbers.	Graphic Organizer of Real Numbers
	Ch-2 Polynomials	To learn about the relation between the zeroes and coefficients of a polynomial.	To identify the zeroes of the polynomial from the graph.
	Ch-3 Linear Equations in two variables	1-To make students aware about graphical representation of linear equation. 2-To find the solution of linear equations by different methods. For example - Substitution method and Elimination Method.	To obtain the conditions for consistency/ inconsistency of a system of linear equations in two variables by graphical method.
May	Ch-4 Quadratic Equations	1-To learn about standard form of quadratic equation. 2-Solution of quadratic equation by factorization, quadratic formula. 3- Relationship between discriminant and nature of roots.	Graphic Organizer of Quadratic Equations.
	Ch-5 Arithmetic Progression	To learn about Arithmetic Progression, nth term of A.P., sum of first n terms of an A.P.	To identify Arithmetic Progression in some given list of numbers (Patterns).
	Ch-7 Co-ordinate Geometry	To make students describe locations of points in a plane and find distance between them, then apply that to understand different concepts.	To verify the distance formula by graphical method.
July	Ch-6 Triangles	To learn about 1-Similar figure 2-Similarity of triangles and criteria for similarity of triangles and theorems based on above concepts	To verify B.P.T. by using the method of paper cutting and pasting.
	Ch-8 Introduction of Trigonometry	To learn about 1-Trigonometric ratios 2-Trigonometric ratios of some specific angles 3-Trigonometric identities	Graphic organizer of Introduction of Trigonometry.





<b>August</b>	Ch-9 Some application of trigonometry  Ch-10 Circles  Revision for Half yearly	To learn about angle of elevation, angle of depression and application of trigonometry to find the height and distance in day-to- day life. To learn about 1-Secant and tangent to a circle. 2-Number of tangents from a point to a circle. 3-Properties of tangent to a circle	By using the method of paper cutting, pasting and folding verify that the lengths of tangents drawn to a circle from an external point are equal.
<b>September</b>	HALF – YEARLY EXAM Ch -11 Area related to Circles	To learn about 1-Areas of sector and segment of a circle. Areas of combination of a plane figure.	Graphic Organizer of Area related to circles.
<b>October</b>	Ch-12 Surface areas and Volume  Ch-14 Probability Ch-13 Statistics	To make students able to apply the knowledge about area of 2D figures to get the area and volume of 3D figures.  To make students able to learn about chance to win any situation. To learn about Mean, Median and Mode of grouped data	Graphic Organizer of Surface area and volume.  To set the idea of probability of an event through a double colour cards experiment.
<b>November</b>	Revision and Pre-Board I Examination		
<b>December</b>	Revision and Pre – Board II Examination		
<b>January</b>	Board Practical Examination		
<b>February</b>	Revision Board Examination		

### Exam Syllabus

Terminal	Half Yearly	Pre-Board I	Pre-Board II
Ch- 1,2,3,4,5,7	Ch-1,2,3,4,5,6,7,8,9,10	Complete Syllabus	Complete Syllabus



**SUBJECT – SOCIAL SCIENCE**

Month	Subject	Chapter Name	Objective	Subject Enrichment	Project
April	History	Ch-2 Nationalism In India	Recognize the characteristics of Indian nationalism through a case study of Non-Cooperation and Civil Disobedience Movement. • Analyze the nature of the diverse social movements of the time. • Familiarize with the writings and ideals of different political groups and individuals.	Map work: locating and labelling/ identification 1. All the Congress Sessions, 2. Satyagrah movements.	C.B.S.E. Project (anyone)
	Civics	Ch-1 Power Sharing	Familiarize with the centrality of power sharing in a democracy.		
	Geography	Ch-1 Resources And Development	The value of resources – land, soil and their judicious utilization and conservation.	Map work	Social Issues/
	Economics	Ch-1 Development	To understand the meaning of development. Goals of development.		Consumer Awareness/
May	History	Ch-1 Rise of Nationalism In Europe	Enable the learners to identify and comprehend the forms in which nationalism developed along with the formation of nation states in Europe in the post-1830 period. • Establish the relationship and bring out the difference between European nationalism and anticolonial nationalisms. • Understand the way the idea of nationalism emerged and led to the formation of nation states in Europe and elsewhere.	Mind map and timeline of that area	
	Geography	Ch-1 Resources and Development Ch-2 Forest and Wildlife	The importance of forest and wildlife to our environment.	Map work	Sustainable Development
	Economics	Ch-1 Development	Concept of National and Per capita income and measures to compare countries –income & HDI		
July	History	Ch-3 The Making of A Global World	Show that globalization has a long history and point to the shifts within the process. • Analyze the implication of globalization for local		



			economies. • Discuss how globalization is experienced differently by different social groups.		
	Civics	Ch-2 Federalism	Analyze federal provisions and institutions. • Explain decentralization in rural and urban areas.		
	Geography	Ch-2 Forest and Wildlife Ch-3 Water Resources	Importance of water as a resource, to develop awareness towards its use and conservation	Map work	
	Economics	Ch-2 Sectors of Indian Economy	To understand the Classification of various sectors on the basis of economic activities and ownership- Primary, secondary, and tertiary sector. Public and private sector		
<b>August</b>	History	Revision  Ch-4 The Age of Industrialization	Familiarize with the Pro-to Industrial phase and Early – factory system. • Familiarize with the process of industrialization and its impact on labor class. • Enable them to understand industrialization in the colonies with reference to Textile industries.		
	Civics	Revision  Ch-3 Gender, Religion and Caste	Identify and analyze the challenges posed by communalism to Indian democracy. • Recognize the enabling and disabling effects of caste and ethnicity in politics. • Develop a gender perspective on politics.		
	Geography	Revision Ch-4 Agriculture	To identify various types of farming methods used and distribution of major crops.		
	Economics	Ch-2 Sectors of Indian Economy  Revision	Classification of various sectors on the basis of working conditions – organized unorganized sector. Various ways to create more employment.		
<b>September</b>	Civics	Ch-4 Political Parties	Analyze party systems in democracies. introduction to major political parties, challenges faced by them and reforms in the country.		
	History				
	Civics				





	Geography	Ch-5 Mineral and Energy Resources	Discuss various types of Conventional and Nonconventional resources. Minerals, their utilization, and distribution.	Map work	
	Economics	Money and Credit	Meaning & forms of money. Loans activities of banks. Terms of credit		
<b>October</b>	History	Ch-5 Print, Culture and The Modern World	Identify the link between print culture and the circulation of ideas. • Familiarize with pictures, cartoons, extracts from propaganda literature and newspaper debates on important events and issues in the past. • Understand that forms of writing have a specific history, and that they reflect historical changes within society and shape the forces of change.		
	Civics	Ch-5 Outcomes of Democracy	Evaluate the functioning of democracies in comparison to alternative forms of governments. • Understand the causes for continuation of democracy in India. • Distinguish between sources of strengths and weaknesses of Indian democracy		
	Geography	Ch-6 Manufacturing Industries Ch-7 Lifelines of National Economy	Discuss about the importance of industries in the development of a nation, causes and measures to control industrial pollution.	Map work	Internal Assessment
	Economics	Ch-4 Globalization And the Indian Economy	Production across countries. Interlinking production across countries Foreign Trade and integration of Markets What is Globalization? Factors that have enabled globalization. World Trade Organization Impact of Globalization on India The Struggle for a fair Globalization		
<b>November</b>	Geography	Revision			
<b>December</b>	Social Science	Pre-Board Exam	Revision - Complete syllabus		



<b>January</b>	Social Science	Pre-Board Exam	Revision - Complete syllabus		
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**Exam Syllabus**

<b>Terminal</b>	<b>Half Yearly</b>	<b>Pre-Board I</b>	<b>Pre-Board II</b>
History: Ch 1,2 Civics: Ch 1 Geography: Ch 1 Economics: Ch 1	History: Ch 1,2,3 Civics: Ch 1,2,3 Geography: Ch 2,3 Economics: Ch 1, 2	History: Complete Syllabus Civics: Complete Syllabus Geography: Complete Syllabus Economics: Complete Syllabus	Complete syllabus

**SUBJECT – INFORMATION TECHNOLOGY**

Month	Unit Name	Chapter Name	Sub-Unit	Learning Outcomes
<b>April &amp; May</b>	Part A Employability Skills	Unit 1: Communication Skills-I	Ch-1 Methods of Communication Ch-2 Communication Cycle Ch-3 Communication Barriers Ch-4 Effective Communication Ch-5 Basic writing Skills	Students will be able to understand and apply knowledge of human communication and language processes as they occur across various contexts.
	Part B Subject Specific Skills	Unit 1: Digital Documentation (Advanced)	Ch-1 Applying Styles in a Document Ch-2 Adding Graphics in a Document Ch-3 Working with Templates Ch-4 Using a Table of Contents	Students will be able to - apply styles with different templates, creating drawing objects, formatting an image, updating a document and maintain a table of contents.
<b>July</b>	Part A Employability Skills	Unit 2: Self-Management Skills-I	Ch-6 Stress Management and its Techniques. Ch-7 Ability to Work Independently	Students will be able to Understand meaning and importance of stress management & Apply stress management techniques.
	Part B Subject Specific Skills	Unit 2: Electronic Spreadsheet Advanced	Ch-6 Analyzing data in a Spreadsheet Ch-7 Linking Data and Spreadsheet Ch-8 Sharing and Reviewing a Spreadsheet Ch-9 Using Macros in a Spreadsheet	Students will be able to – use “what-if” scenarios, goal seek & solver, creating reference to other documents, relative & absolute hyperlinks, setting up a spreadsheet for sharing, add, edit & format the comments, using macro recorder and creating macros.
<b>August</b>	Part A Employability Skills	Unit 3: ICT Skills	Ch-8 operating System Ch-9 Managing Files & Folders Ch-10 Care and Maintenance of a Computer	Students will be able to identify: <ul style="list-style-type: none"> <li>• ICT in different domains</li> <li>• ICT tools</li> <li>• Computer System – Hardware and Software</li> <li>• Use of typing tutor</li> <li>• Tux paint</li> <li>• Internet and its applications</li> <li>• Social Media</li> <li>• Cyber Crime and cyber addiction</li> </ul>
	Part B Subject Specific Skills	Unit -4 Maintain Health, Safety and Secure Working Environment	Ch-23 Importance of Workplace safety Ch-24 Preventing Accidents and Emergencies. Ch-25 Protecting Health and Safety at Work.	Students will be able to establish a foundation of confidence in the skills necessary to cause others to act.
<b>September</b>	Revision and Half Yearly Examination			





<b>October</b>	Part A Employability Skills	Unit 4: Entrepreneurial Skills-I  Unit 5: Green Skills-I	Ch-11 Entrepreneur and Entrepreneurship  Ch-12 Sustainable Development	Students will be able to establish a foundation of confidence in the skills necessary to cause others to act. Understand the basic sustainability concepts of homeostasis, carrying-capacity, cradle-to-grave recycling, evolutionary processes
	Part B Subject Specific Skills	Unit 3: Database Management System	Ch-10 Concepts of Database Management System Ch-11 Creating and Using Tables Ch-12 Performing Operations on Tables Ch-13 Retrieving Data Using Queries Ch-14 Working with Forms & Reports	Students will be able to understand the concept of database, its advantages, features, Relational database, types of Keys, Introduction to Libre Office Base, basic terminology, creating a table, Referential Integrity, defining Query, SQL, creating forms in BASE, Reports, creating a report using Wizard.
<b>November</b>	Revision and Pre-Board			
<b>December</b>	Revision and Pre-Board			
<b>January</b>	Revision			
<b>February</b>	Revision and Annual Examination			

### Exam Syllabus

Terminal	Half Yearly	Pre-Board I	Pre-Board II
Part A: Unit 1 Part B: Unit 1	Part A: Unit 1, 2, 3 Part B: Unit 1, 2, 4	Complete Syllabus	Complete Syllabus



CLASS: X – BIFURCATED SYLLABUS – 2025 – 26

**SUBJECT – ARTIFICIAL INTELLIGENCE**

Month	Unit Name	Chapter Name	Sub-Unit	Learning Outcomes
April	PART-A: Employability Skills	Unit 1: Communication Skills-II		Students will be able to understand and apply knowledge of human communication and language processes as they occur across various contexts, e.g., interpersonal, intrapersonal, small group, organizational, media, gender, family, intercultural communication, technologically mediated communication, etc.
May	PART-B – Subject Specific Skills	Unit 1: AI Project Cycle and Ethical Framework	<ul style="list-style-type: none"> <li>• Revisiting AI Project Cycle</li> <li>• Stages of AI Project Cycle</li> <li>• Introduction to AI Domains</li> <li>• Ethical Frameworks for AI</li> <li>• Bioethics</li> </ul>	Students will be able to: <ul style="list-style-type: none"> <li>• Understand the stages of the AI Project Cycle.</li> <li>• Understand the concept of Artificial Intelligence (AI) domains and the illustrations of practical applications within each AI domain.</li> <li>• Learn about the ethical framework for AI and its category. Explore Bioethics, a popular framework that is used in the healthcare industry.</li> </ul>
	PART-B – Subject Specific Skills	Unit 7: Advance Python	<ul style="list-style-type: none"> <li>• Introduction</li> <li>• Features</li> <li>• Why Python for AI?</li> <li>• Applications</li> <li>• Character set, Statements, Comments, Identifiers and Keywords</li> </ul>	Students will be able to: <ul style="list-style-type: none"> <li>• Understand to work with Jupyter Notebook, creating virtual environments, installing Python Packages.</li> <li>• Able to write basic Python programs using fundamental concepts such as variables, data types, operators, and control structures.</li> </ul>
July	PART-B – Subject Specific Skills	Unit 2: Advanced Concepts of Modelling in AI	<ul style="list-style-type: none"> <li>• Revisiting AI, ML, and DL</li> <li>• Common terminologies used with data</li> <li>• Modelling</li> <li>• Types of machine learning models</li> <li>• Types of Deep Learning</li> <li>• Artificial Neural Networks</li> </ul>	Students will be able to: <ul style="list-style-type: none"> <li>• Understand AI, ML and DL</li> <li>• Familiarize with supervised, unsupervised and reinforcement learning based approach</li> <li>• Understand subcategories of Supervised, Unsupervised and deep learning models</li> <li>• Understand Neural Networks</li> <li>• Understand how AI makes a decision</li> </ul>
	PART-B – Subject	Unit 7: Advance Python	<ul style="list-style-type: none"> <li>• Variables, Constants, Data types, Operators</li> </ul>	Students will be able to: <ul style="list-style-type: none"> <li>• Able to write basic Python programs using fundamental concepts such as</li> </ul>



	Specific Skills		<ul style="list-style-type: none"> <li>• Input and Output</li> <li>• Type Conversion</li> <li>• Control Statements</li> <li>• Introduction to lists and tuples</li> <li>• Libraries and Packages</li> </ul>	variables, data types, operators, and control structures. <ul style="list-style-type: none"> <li>• Able to use Python built-in functions and libraries.</li> </ul>
	PART-A: Employability Skills	Unit 2: Self-Management Skills-II		Students will be able to Understand meaning and importance of stress management & Apply stress management techniques.
<b>August</b>	PART-A: Employability Skills	Unit 3: ICT Skills-II		Students will be able to: <ul style="list-style-type: none"> <li>• Describe the role of ICT in day-to-day life.</li> <li>• Types of operating System.</li> <li>• Understand desktop appearance, icons, and taskbar.</li> <li>• Perform basic Computer operations.</li> <li>• Viruses and anti-viruses' usage.</li> </ul> Creating Files and folders.
		Unit 4: Entrepreneurial Skills-II	-	Students will be able to establish a foundation of confidence in the skills necessary to cause others to act.
	PART-B – Subject Specific Skills	Unit 4: Evaluating Models	<ul style="list-style-type: none"> <li>• Introduction</li> <li>• Importance of Model Evaluation</li> <li>• Need of model evaluation</li> <li>• Evaluating models' performance</li> <li>• Accuracy and Error</li> <li>• Evaluation metrics for classifications</li> <li>• Ethical Concerns around model evaluation</li> </ul>	Students will be able to: <ul style="list-style-type: none"> <li>• Understand the role of evaluation in the development and implementation of AI systems.</li> <li>• Understand Train-test split method for evaluating the performance of a machine learning algorithm</li> <li>• Understand Accuracy and Error for effectively evaluating and improving AI models</li> <li>• Learn about the different types of evaluation techniques in AI, such as Accuracy, Precision, Recall and F1 Score, and their significance.</li> <li>• Understand ethical concerns around model evaluation</li> </ul>
<b>September</b>	Revision And Half Yearly Examination			
<b>October</b>	PART-B – Subject Specific Skills	Unit 5: Computer Vision	<ul style="list-style-type: none"> <li>• Introduction to CV</li> <li>• Applications of CV</li> <li>• Concepts of CV</li> </ul>	Students will be able to define the concept of Computer Vision and understand its applications in various fields. They will understand the basic concepts of image representation, feature extraction, object detection, and segmentation.
		Unit 6: Natural Language Processing	<ul style="list-style-type: none"> <li>• Human Language vs Computer Language</li> </ul>	Students will be able to : <ul style="list-style-type: none"> <li>• Understand the concept of Natural Language Processing (NLP) and its</li> </ul>





			<ul style="list-style-type: none"> <li>• Introduction to NLP</li> <li>• Stages of NLP</li> <li>• Introduction to chatbots</li> <li>• Text processing</li> <li>• TF-IDF</li> </ul>	<p>importance in the field of Artificial Intelligence (AI).</p> <ul style="list-style-type: none"> <li>• Explore the various applications of NLP in everyday life, such as chatbots, sentiment analysis, and automatic summarization</li> <li>• Gain an understanding of the challenges involved in understanding human language by machine.</li> <li>• Learn about the Text Normalization technique used in NLP and popular NLP model - Bag-of-Words</li> </ul>
<b>November</b>	Part A Employability Skills	Unit 5: Green Skills-II		Understand the basic sustainability concepts of homeostasis, carrying-capacity, cradle-to-grave recycling, evolutionary processes
	PART-B – Subject Specific Skills	Unit 4: Statistical Data	<ul style="list-style-type: none"> <li>• Introduction to Data Science</li> <li>• Applications of DS</li> <li>• No-code, Low-code, High-code</li> <li>• Introduction to Orange Data Mining</li> </ul>	<ul style="list-style-type: none"> <li>• Define the concept of Statistical Data and understand its applications in various fields.</li> <li>• Define No-Code and Low- Code AI.</li> <li>• Identify the differences between Code and No-Code</li> <li>• AI concerning Statistical Data.</li> <li>• Relate AI project stages to the stages of No-Code AI projects</li> <li>• Able to use no-code tool Orange Data mining.</li> <li>• To perform data exploration, modeling and evaluation with Orange data mining.</li> </ul>
	PART-C – PRACTICAL	Unit 7: Advance Python		Understand how iterations and generators work. Learn modern data structures to include collections, array, and queues. Use platform independent file manipulation, file pattern matching.
<b>December</b>	PART-D – Project Work / Field Visit / Practical File/ Student Portfolio Viva Voce			
<b>January</b>	Preboard Examinations			
<b>February</b>	Board Examinations			

### Exam Syllabus

Terminal	Half Yearly	Pre-Board I	Pre-Board II
Part A: Unit I, II Part B: Unit I	Part A: Unit I, II, III Part B: Unit I, II, IV	Complete Syllabus	Complete Syllabus



CLASS: X – BIFURCATED SYLLABUS – 2025 – 26  
**SUBJECT – ART AND EDUCATION**

Month	Name of the Chapter	Objective/Aim	Subject Enrichment Activity	Project
<b>April</b>	Elements of arts	Study of visual resources and means of creative expression.	Free hand drawing	Doodle making
<b>May</b>	Still life composition	Study of lines, strokes, colors, shades, tones, textures, etc. while organizing two-dimensional space with two dimensional and three-dimensional shapes and forms.	Pencil shading technique	Still life
<b>July</b>	Nature study	Sketching from nature and surrounding.	Observation	Flower sketching
<b>August</b>	Landscape study	Creative use of colours to show space, atmosphere, subjective moods.	Express all seasons with a picture.	landscape
<b>September</b>	Composition	Creative use of perspective in spatial relationships.	observation	Free hand painting
<b>October</b>	Poster designing	Study of calligraphic strokes of Devnagari and Roman alphabet (Scripts).		Poster making
<b>November</b>	Indian folk art	Use of contrast as an expressive element of art.		Folk painting
<b>December</b>	Revision			
<b>January</b>	Revision			
<b>February</b>	Revision			

**Exam Syllabus**

Half Yearly
Still life composition and poster designing with different color schemes



**SUBJECT – SPORTS (CRICKET)**

Month	Name of the skill	Learning objective	Practical / Activities
<b>April</b>	Skill 1) The forward defence Skill 2) the High catch	To prevent a good length ball from hitting the wicket. To catch a Ball which is dropping quickly	Through demonstration Ground activity Intramural
<b>May</b>	Skill 3) Back foot defensive stroke Skill 4) The skim catch	This stroke is played to a Ball pitching short and bouncing knee high and above Primarily to catch a flat trajectory ball arriving about head	Through demonstration Ground activity Inter house
<b>July</b>	The Close Catch The Off Drive	Primarily to deal with catches close to the wicket. To play to a half-volley, a ball which pitches close to the batsman and does not bounce very high. It will be just on or outside the off stump.	Through demonstration Ground activity Intramural
<b>August</b>	The Long Barrier and Throw The Straight Drive	The long barrier is used to ensure the ball is stopped. To play to a half-volley which pitches approximately on the line of the middle- stump.	Through demonstration Ground activity
<b>September</b>	The Short Throw MCQ If needed	Run inside line of ball to enable right foot to land beside it.	Through demonstration Ground activity
<b>October</b>	The Long Throw	To retrieve a ball after picking up near the boundary	Through demonstration Ground activity
<b>November</b>	Bowling from the Coil Position The On Drive	To introduce the bowling action to beginners. This stroke is played to a half-volley, pitching on or just outside the leg stump.	Through demonstration Ground activity
<b>December</b>	Leg spin or chinaman  Off spin and left arm orthodox spin (finger spin)	A leg break spins from leg to off, rotating anti-clockwise from bowler. A left arm wrist spinner rotates the ball clockwise and is said to bowl 'Chinamen'. An off break spins the ball from off to leg, rotating clockwise from the bowler. The left arm spinner moves the ball from leg to off.	Through demonstration Ground activity
<b>January</b>	The Forcing Stroke Off the Back Foot/ Back foot punch	This stroke is played to a ball short of a length outside the off stump which does not bounce more than about knee height	Through demonstration Ground activity
<b>February</b>	Exam MCQ If needed		



**SUBJECT – SUPW**

Month	Topic
April	Drawing on stone
May	Poster (AI and Human)
July	Book marker
August	Old paper or newspaper craft
September	Folder
October	Stitching and tailoring
November	Shagun envelope
December	Greeting card for teacher's
January	Paper quilling
February	Best out of waste



CLASS: X – BIFURCATED SYLLABUS – 2025 – 26

**SUBJECT – VPA – DANCE (WESTERN)**

Month	Category/Topic	Activity	Aim/objective	Project
<b>April</b>	Dance[western] *THEORY * PRACTICAL	Short questions based on dance (1-20) Basic dance moves of jazz choreography	Introduction to choreography	Vibration interschool dance competition
<b>May</b>	Dance[western] *THEORY * PRACTICAL	Short questions based on dance (21-40) Choreography of jazz dance style on music	Choreography of jazz dance style	Vibration interschool dance competition and Mother's Day
<b>July</b>	Dance[western] *THEORY * PRACTICAL	Short questions based on dance (41-60) Practice of previous work	Practice for perfection	Symphony interhouse dance competition
<b>August</b>	Dance[western] *THEORY * PRACTICAL	Short questions based on dance (61-70) Explaining right body posture and expression	Helps to improve expression and body language	Independence Day
<b>September</b>	Half yearly Examination			
<b>October</b>	Dance[western] *THEORY * PRACTICAL	Short questions based on dance (71-90) Basic moves of ballet choreography	Introduction to new dance style	Annual function of senior secondary
<b>November</b>	Dance[western] *THEORY * PRACTICAL	Short questions based on dance (91-110) Ballet dance choreography on song	Choreography of ballet dance style	
<b>December</b>	Dance[western] *THEORY * PRACTICAL	Short questions based on dance (111-130) Routine practice	Practice for perfection	Football Tournament (inauguration ceremony)
<b>January</b>	Dance[western] *THEORY * PRACTICAL	Short questions based on dance (131-140) Practice for practical	Practice for practical	Republic day
<b>February</b>	Annual Examination			

**Exam Syllabus**

**Half Yearly**

Theory: Short questions based on dance (western) (1-70)  
Practical: basic moves and choreography of jazz.



CLASS: X – BIFURCATED SYLLABUS – 2025 – 26

**SUBJECT – VPA – DANCE (CLASSICAL)**

Month	Category/Topic	Activity	Aim/objective	Project
<b>April</b>	Dance [Classical] *THEORY * PRACTICAL	Short questions based on dance (1-20) History of Kathak and introduction of tatkar, hastak and ginti bol on vilambit lay	Basic techniques of footwork, hand movements and rhythmic and numeric pattern of footwork	Vibration interschool dance competition
<b>May</b>	Dance[classical] *THEORY * PRACTICAL	Short questions based on dance (21-40) Practice of all the steps together teental	Practice of Tatkaar, hastak ,ginti bol on numeric,rhythmic pattern and on tabla(vilambit lay)	Vibration interschool dance competition and Mother's Day
<b>July</b>	Dance[classical] *THEORY * PRACTICAL	Short questions based on dance (41-60) Introduction of Kavitang	Student use kavit to express emotions and tell stories through movements	Symphony interhouse dance competition
<b>August</b>	Dance[classical] *THEORY * PRACTICAL	Short questions based on dance (61-70) Kavitang on lord Krishna	Students will be able to present stories of lord krishna on kavit	Independence Day
<b>September</b>	Half yearly Examination			
<b>October</b>	Dance[classical] *THEORY * PRACTICAL	Short questions based on dance (71-90) Presentation of kavitang on different emotions of lord krishna.	Practice of kavitang	Annual function of senior secondary
<b>November</b>	Dance[classical] *THEORY * PRACTICAL	Short questions based on dance (91-110) Introduction of ginti bol and chhakar (spins)	Different techniques to present footwork and exit and entrance in kathak dance	
<b>December</b>	Dance[classical] *THEORY * PRACTICAL	Short questions based on dance (111-130) Practice on ginti bol and chakkar.	Practice for perfection	Football Tournament (Inauguration Ceremony)
<b>January</b>	Dance[classical] *THEORY * PRACTICAL	Short questions based on dance (131 - 140) Presentation of all steps together on different tal and tihai.	Presentation of all the steps	Republic day
<b>February</b>	Annual Examination			





CLASS: X – BIFURCATED SYLLABUS – 2025 – 26  
**Exam Syllabus**



<b>Half Yearly</b>
Theory: Short questions based on dance (western) (1-70) Practical: introduction of Indian classical dance and basic of kathak, hastak And tatkaar, kavita.



CLASS: X – BIFURCATED SYLLABUS – 2025 – 26

**SUBJECT – VPA – INSTRUMENTAL (INDIAN)**

Month	Category	Activity	Aim/Objective	Project
<b>April</b>	Instrumental [Indian] • Theory • Practical	• Short questions (1-20) • Taal Teentaal on Tabla Taal Dadra & Kaharva, Types on dholak. Western style pattern on Tabla.	Introduction of the Indian Instrument 0	Preparation of the Inter House Instrument competition. Symphony.
<b>May</b>	Instrumental [Indian] • Theory • Practical	• Short questions (21-40) • Kaharva, Dadra Taal Pattern in Fast speed, Dhapli, Miracas,	Practice for Perfection in Taal patterns	Symphony Inter House Instrument comp.
<b>July</b>	Instrumental [Indian] • Theory • Practical	• Short questions (41-60) • Fast speed Taal Teentaal. Fast speed Kaharva Taal. Motivational song.	Basic Knowledge of Fast speed Taal	Preparation of Independence Day.
<b>August</b>	Instrumental [Indian] • Theory • Practical	• Short questions (61-70) • Taal Dadra Fast speed pattern • Teental Tihai, Mukhde.	To give Basic Knowledge of Fast rhythm pattern	Independence Day (cultural Programme)
<b>September</b>	Half Yearly Examination			
<b>October</b>	Instrumental [Indian] • Theory • Practical	• Short questions (71-90) • Unity song	To connect students with Rhythm group in unity song.	Preparation of Annual function
<b>November</b>	Instrumental [Indian] • Theory • Practical	• Short questions (91-110) • Tabla Taal variations in Unity song.	Taal variations knowledge	Annual function
<b>December</b>	Instrumental [Indian] • Theory • Practical	• Short questions (111-130) • Instrument practice with sports song.	To give knowledge of Fast taal pattern	Foot ball Tournament
<b>January</b>	Instrumental [Indian] • Theory • Practical	• Short questions (131-140) • Patriotic song.	Taal Pattern in Patriotic song.	Republic Day
<b>February</b>	Annual Examination			

**Exam Syllabus**

Half Yearly
Theory: Short questions (1-70) Practical: Taal- kaharva, Dadra, Teental, on Tabla, Dholak.



CLASS: X – BIFURCATED SYLLABUS – 2025 – 26

**SUBJECT – VPA – INSTRUMENTAL (WESTERN)**

Month	Category	Activity	Objective/Aim	Project
<b>April</b>	<b><u>Instrumental [western]</u></b> • Theory • Practical	Short questions (1-20) Introduction of the Instruments and Fingering practice	Basic technique of Holding the instrument	Orchestration of Inter house. Instrumental Competition
<b>May</b>	<b><u>Instrumental [western]</u></b> • Theory • Practical	Short questions (21-40) Fingering of instruments & Rhythm stroke pattern	Basic knowledge of the notation & rhythm	Symphony Inter house. Instrumental Competition
<b>July</b>	<b><u>Instrumental [western]</u></b> • Theory • Practical	Short questions (41-60) Practice of previous work	Notation & rhythm Perfection	Orchestration of Independence Day Event
<b>August</b>	<b><u>Instrumental [western]</u></b> • Theory • Practical	Short questions (61-70) Practice of Playing Notation with rhythm Metronome	Playing notation with Rhythm	Independence Day Event
<b>September</b>	<b>Half Yearly Examination</b>			
<b>October</b>	<b><u>Instrumental [western]</u></b> • Theory • Practical	Short questions (71-90) Working knowledge of the rock Music	To prepare student to take part in school Musical events	Orchestration of Annual Event
<b>November</b>	<b><u>Instrumental [western]</u></b> • Theory • Practical	Short questions (91-110) Practice of playing rock Music	To prepare students to take part in school Musical events	School Annual Function
<b>December</b>	<b><u>Instrumental [western]</u></b> • Theory • Practical	Short questions (111-130) Practice of playing rock Music and Beat practice	To prepare students to take part in school Musical events	Orchestration of Republic Day Event
<b>January</b>	<b><u>Instrumental [western]</u></b> • Theory • Practical	Short questions (131-140) Lead and rhythm Combined Playing in a Rock band	To prepare students to take part in school Musical events.	Republic Day Event
<b>February</b>	<b>Annual examination</b>			

**Exam Syllabus**

<b>Half Yearly</b>
Theory: Short questions (1-70) Practical: Lead /rhythm instrument (Basic Notation and rhythm)





**SUBJECT – VPA – THEATRE**

Month	Category / Topic	Objective/Aim	Activity	Project
April	<u>Theory</u> Short Questions (1–20) <u>Practical</u> <ul style="list-style-type: none"> <li>Introduction to theatre, its relation to education</li> <li>Rhythm &amp; Movement</li> </ul>	<ul style="list-style-type: none"> <li>Making aware about the importance of theatre art in present education system</li> <li>Physical Development</li> </ul>	Various Games & Exercises to improve Rhythm & Movement	
May	<u>Theory</u> Short Questions (21–40) <u>Practical</u> <ul style="list-style-type: none"> <li>Voice &amp; Speech</li> </ul>	<ul style="list-style-type: none"> <li>Language Development</li> </ul>	Various Games & Exercises to improve Voice & Speech	Symphony – Inter House Competition
July	<u>Theory</u> Short Questions (41–60) <u>Practical</u> <ul style="list-style-type: none"> <li>Sensory &amp; Motor Development</li> <li>Emotional and Aesthetic Development</li> </ul>	<ul style="list-style-type: none"> <li>To Drive Sensory Stimulation</li> <li>To increase motivation and develop appropriate interpersonal skills</li> </ul>	Various Games & Exercises to Develop Sensory & Motor Skills	
August	<u>Theory</u> Short Questions (61–70) <u>Practical</u> <ul style="list-style-type: none"> <li>Introduction of Role Play, Developing Character, Pantomime</li> </ul>	<ul style="list-style-type: none"> <li>To bring characters to life and to tell stories</li> </ul>	Task to perform different characters, Role Play and Mime Act	Independence Day (Theatrical Presentation)
September	Half Yearly Examination			
October	<u>Theory</u> Short Questions (71–90) <u>Practical</u> <ul style="list-style-type: none"> <li>Improvisation</li> <li>Exploring Social Issues, Street Play</li> </ul>	<ul style="list-style-type: none"> <li>To develop creativity, mental flexibility and thinking skills</li> <li>To help build children's self-confidence and public speaking ability</li> </ul>	Task to Improvise Work on Street Play	
November	<u>Theory</u> Short Questions (91–110) <u>Practical</u> <ul style="list-style-type: none"> <li>Creating Plays from other sources and Poetry</li> </ul>	<ul style="list-style-type: none"> <li>To evoke emotions and make audience think about its central theme</li> </ul>	Work on Musical Play	Annual Function
December	<u>Theory</u> Short Questions (111–130) <u>Practical</u> <ul style="list-style-type: none"> <li>About Set, Light and Sound, Back Stage Work, Management and Planning</li> </ul>	<ul style="list-style-type: none"> <li>It makes the theatre more creative and exciting, from backstage techniques.</li> <li>Students learn to successfully create visual and auditory,</li> </ul>	Task to Design Set, Light and Back Stage Work of a Play.	



		imagery for stage production.		
<b>January</b>	<u>Theory</u> Short Questions (131–140) <u>Practical</u> <ul style="list-style-type: none"><li>Continuation of previous work</li></ul>			
<b>February</b>	Annual Examination			

### Exam Syllabus

Half Yearly
Theory: Short questions (1-70) Practical: Speech Test, Dialogue Delivery Test

**SUBJECT – VPA – VOCAL**

Month	Category	Activity	Aim /Objective	Project
<b>April</b>	Music Vocal . Theory . Practical	. Short questions (1-20) . Sargam geet - raag Bhoopali	To give basic knowledge of Indian Music (raag) .	Preparation of Inter House song comp. Symphony.
<b>May</b>	Music Vocal . Theory . Practical	. Short questions (21-40) . Semi classical song of based on Raag Bhoopali.	To connect classical music & light music in one raag.	Symphony Inter House song comp.
<b>July</b>	Music Vocal . Theory . Practical	. Short questions ( 41-60) . Teen taal introduction & taal notation.	To give Basic knowledge of rhythm.	Preparation of Independence Day.
<b>August</b>	Music Vocal . Theory . Practical	. Short questions (61-70) . Teen taal on hand.	To give Basic knowledge of Indian classical music & taal.	Independence Day (Cultural program)
<b>September</b>	Half early exams			
<b>October</b>	Music Vocal . Theory . Practical	. Short questions (71-90) . folk song	To connect children with our rich culture through Music	Preparation of Annual function
<b>November</b>	Music Vocal . Theory . Practical	. Short questions (91-110) . light /motivational song.	To keep positive attitude in life.	Annual function (Inaugural song)
<b>December</b>	Music Vocal . Theory . Practical	. Short questions (111-130) . Motivational song on sports.	Feel positive & energetic through Music	Football tournament (Inaugural song)
<b>January</b>	Music Vocal . Theory . Practical	. Short questions ( 131-140) . patriotic song	To know & praise our nation's beauty culture &Unity in diversity.	Republic Day
<b>February</b>	Revision			

**Exam Syllabus**

Half Yearly
Theory- Short questions Based on Vocal, Instrument dance & theater (1-70) Practical- Raag Bhoopali, Sargam geet, Teen taal introduction & play on hands, semi classical song.



**SUBJECT – ASTRONOMY**

Month	Content	Objective/Aim	Subject Enrichment Activity	Project
April	“Big bang theory” & “Exoplanets”	*Students would be able to understand how the universe began. *Students would be able to understand the planets outside the solar system.	1- Evaluate the origin and impact of the big bang theory. 2- What are exoplanets? Evaluate the detection methods.	To make a sundial
May	“Knowing about Sun and stars” & “Attraction force between celestial bodies”	*Students would be able to know how to define stars and describe the Sun, which is part of our solar system. *Students would be able to find forces between astronomical things.	1- Make a note based on the characteristics of “Sun and stars” 2- The impact of the sun on the water bodies? 3- Calculate the attraction force between Sun and all planet of our solar system. 4- Evaluate space exploration in modern times. 5. Working of astronomical telescope.	DIY constellation viewer
July	“Knowledge with Telescope”	* Students would be able to find the components and workings of astronomical telescope	1- Make a proper diagram and working of astronomical telescope and its type. 2-Make a research based on the natural and artificial satellites.	To make a telescope
August	“Launching of satellite”	* Students would be able to find orbital velocity, periodic time radius of orbit of natural and artificial satellite *Students would be able to learn about polar satellites and geostationary satellites.	1- Make a Short note based on the uses of Artificial satellite. (Some more about artificial satellite) 2- Make a research based on the “How a satellite launch”.	To make a rocket launcher
September	Half Yearly Examination			
October	“Improve your Galaxy text life”	Students would enhance the knowledge about nearby galaxies of our solar system and robotic science in galaxy.	1- Evaluate robotic space exploration and impact. 2- Write 10 main facts about <b>latest discovered GALAXY.</b>	Sky mapping
November	Evaluate the assumption of the existence of dark matter.	Students would enhance the knowledge about dark matter and its existence.	1. Prepare a short notes on the existence of dark matter.	Constellations storytelling



<b>December</b>	<b>“Kepler’s planetary law” &amp; “Planets! Modern Astronomy”</b>	Students will be able to understand the laws on which celestial object revolve.	1- Make a chart based on the kepler’s planetary motion. 2- To find the conservation law of angular momentum by using Newton’s laws of motion	Make a project (ppt or on A4 sheet) based on the presence of fuel on the Jupiter and it's natural satellites.
<b>January</b>	<b>“What is the impact of NASA and space exploration – does it have a future?”</b>	Students will be able to know about the discoveries of new planet and incredible space discoveries.	1- Do research on the surface properties of Jupiter 2- Write a short note of 10 new planet in universe 3- Make a chart for 20 most incredible recent space discoveries.	
<b>February</b>	Revision			

### Exam Syllabus

<b>Half Yearly</b>
Multiple choice questions based on activities conducted from April to August

**SUBJECT – ROBOTICS**

Month	Name of the Chapter	Objective/Aim
<b>April</b>	Introduction of 3D printer and cad designing	<ul style="list-style-type: none"> <li>Intro to 3D printer for creating 3D Figures</li> </ul>
	What is cad Design	<ul style="list-style-type: none"> <li>Understand the concept of CAD for making a 3D figure</li> </ul>
	Making of cube inside hollow cylinder	<ul style="list-style-type: none"> <li>Learning of using 3D programming software for designing a hollow cylinder by defining the dimensions</li> </ul>
<b>May</b>	Designing a Cup using 3D cad	<ul style="list-style-type: none"> <li>Designing a cup using 3D Printer by defining the dimensions into the Cad software</li> </ul>
	Making of bulb holder and tube light	<ul style="list-style-type: none"> <li>Designing a bulb holder and tube light using 3D Printer by defining the dimensions into the Cad software</li> </ul>
	Intro to Arduino	<ul style="list-style-type: none"> <li>Understand the use of Arduino Uno and breadboard for creating a arduino project, programming using Arduino.cc</li> </ul>
<b>July</b>	Led blinking	<ul style="list-style-type: none"> <li>Learn to program for blinking LED using the 555 timer</li> </ul>
	Displaying text onto the LCD Screen	<ul style="list-style-type: none"> <li>Programming of Displaying text onto the screen using arduino</li> </ul>
	Make a obstacle avoider robot	<ul style="list-style-type: none"> <li>Learning how ultrasonic sensor detect obstacle in front of it and how it turns the motor in another direction</li> </ul>
	Cell phone control robot using DTMF	<ul style="list-style-type: none"> <li>Knowledge of dual tone multiple frequency and how our telephone works while calling</li> </ul>
<b>August</b>	Automatic call answering machine	<ul style="list-style-type: none"> <li>By using GSM module make a programme for automatic phone call</li> </ul>
	Make a robot which can follow the instruction via call	<ul style="list-style-type: none"> <li>Make a programme of DTMF module for interfacing mobile phone and microcontroller</li> </ul>
	Arduino timer tutorial	<ul style="list-style-type: none"> <li>Make a programme of timer on LCD</li> </ul>
<b>September</b>	Revision	Half Yearly Examination
<b>October</b>	Scroll words on led matrix	<ul style="list-style-type: none"> <li>learn how to define the row and column of matrix and output pins</li> </ul>
	Smart home light system	<ul style="list-style-type: none"> <li>Learn how to control the light bulb and other electrical appliances with smart phones</li> </ul>
	Third eye for blind people	<ul style="list-style-type: none"> <li>Learn how to program for sonar system using ATmega328p</li> </ul>
<b>November</b>	Density based traffic controller	<ul style="list-style-type: none"> <li>Making a traffic controller system using lm358 ic and raspberry pi</li> </ul>
	Smart Phone Controlled Home Automation Using Arduino	<ul style="list-style-type: none"> <li>Learning of making an Artificial Intelligence home automation smart controlled system using wi-fi and Bluetooth Module.</li> </ul>
	Home security alarm system	<ul style="list-style-type: none"> <li>Learning of IOT with wi-fi and ATmega328p how to code for making server control</li> </ul>
<b>December</b>	Weight measurement system	<ul style="list-style-type: none"> <li>Make the programme of measuring wight with the help load sensor</li> </ul>
	Intro to App Inventor software	<ul style="list-style-type: none"> <li>Understand about the app inventor and how it use</li> </ul>
	Display student details	<ul style="list-style-type: none"> <li>Programming of displaying the student details onto the android phone using the app inventor</li> </ul>
<b>January</b>	Led blinking	<ul style="list-style-type: none"> <li>Programming for LED blinking using app inventor and Arduino controlling from the android phone</li> </ul>





	Traffic system	<ul style="list-style-type: none"><li>• Programming a traffic light system using the MIT app software</li></ul>
	Control a car	<ul style="list-style-type: none"><li>• Programming of app inventor for controlling a robot using the android phones</li></ul>
<b>February</b>	Revision	Annual Examination

### Exam Syllabus

#### Half Yearly

Multiple choice questions based on activities conducted from April to August