



CAMBRIAN PUBLIC SCHOOL KANKE ROAD RANCHI

Class –X (Session 2026-27)

LEARNING PLAN OUTCOMES

Subject: English

S. No.	Month	Chapter/Unit Name	Competency Based Learning Outcomes
1	April	• A Letter to God • Dust of Snow • Fire and Ice • A Triumph of Surgery • The Thief's Story	• Identify themes, characters, and literary devices in prose and poetry through textual interpretation. • Analyse how values such as faith, empathy, and honesty influence actions of characters. • Apply grammar concepts and vocabulary in contextual speaking and writing activities. • Evaluate the importance of empathy and care towards living beings through real-life examples linked with SDG 3 (Good Health and Well-being) and SDG 15 (Life on Land).
2	May	• Nelson Mandela: A Long Walk to Freedom • A Tiger in the Zoo	• Explain the significance of freedom, equality, and leadership through textual evidence. • Analyse the impact of social justice and human rights on society. • Compare the life of animals in captivity with natural habitats through classroom discussions and reflective activities. • Evaluate issues related to justice and wildlife conservation linked with SDG 16 (Peace, Justice and Strong Institutions) and SDG 15 (Life on Land).
3	June	• Two Stories About Flying • How to Tell Wild Animals • The Midnight Visitor • Letter to the Editor	• Identify themes of courage, imagination, and problem-solving in literary texts. • Analyse situations and compare literary experiences with real-life contexts. • Apply formal writing skills by drafting a Letter to the Editor on contemporary issues. • Evaluate the role of effective communication in creating awareness aligned with SDG 4 (Quality Education).
4	July	• Formal Letter • Analytical Paragraph • The Ball Poem • From the Diary of Anne Frank • A Question of Trust • Footprints Without Feet	• Identify emotions, values, and narrative elements reflected in literary texts. • Analyse information and interpret data through analytical paragraph writing. • Apply communication skills through formal writing and experiential classroom tasks. • Evaluate ethical behaviour and integrity in daily life linked with SDG 4 (Quality Education).

			Education) and SDG 16 (Peace, Justice and Strong Institutions).
5	August	• Amanda! • Glimpses of India • The Trees	• Identify poetic themes and cultural aspects reflected in literature. • Explain the significance of heritage, environment, and diversity through experiential learning activities. • Apply creative and reflective writing skills to express personal views. • Evaluate the importance of environmental sustainability linked with SDG 11 (Sustainable Cities and Communities) and SDG 13 (Climate Action).
6	September	Half-Yearly Revision and Assessment	• Identify key concepts and themes from the prescribed syllabus. • Apply reading, writing, grammar, and analytical skills in competency-based tasks. • Analyse strengths and areas for improvement through self-assessment activities. • Evaluate learning progress and demonstrate readiness aligned with SDG 4 (Quality Education).
7	October	• Mijbil the Otter • Fog	• Identify literary elements and themes related to nature and observation. • Analyse the relationship between humans, animals, and the environment. • Apply comprehension and creative expression skills through project-based activities. • Evaluate environmental awareness and conservation practices aligned with SDG 13 (Climate Action) and SDG 15 (Life on Land).
8	November	• Madam Rides a Bus • The Tale of Custard the Dragon • The Sermon at Benaras • Bholi	• Identify character traits and social themes reflected in the texts. • Analyse concepts of self-confidence, courage, inclusion, and compassion. • Apply communication and presentation skills through role-play and collaborative activities. • Evaluate equality and inclusive practices linked with SDG 4 (Quality Education) and SDG 10 (Reduced Inequalities).
9	December	• For Anne Gregory • The Proposal • The Book That Saved Earth	• Identify humour, irony, and literary devices used in the texts. • Analyse character behaviour and social perspectives through discussions. • Apply critical-thinking skills in interpreting literary situations and themes.

			Evaluate responsible citizenship and peaceful coexistence aligned with SDG 16 (Peace, Justice and Strong Institutions).
10	January	Revision and Board Examination Preparation	- Identify and recall concepts from the complete syllabus through revision exercises. - Apply reading, writing, grammar, and analytical skills in competency-based practice tasks. - Analyse performance through self and peer assessment activities. - Evaluate learning outcomes and demonstrate preparedness for board examinations aligned with SDG 4 (Quality Education).
11	February	Revision and Assessment	

Subject: Hindi

S. No.	Month	Chapter/Unit Name	Competency Based Learning Outcomes
1	April	क्षितिज भाग 2 पाठ 10 नेताजी का चश्मा (स्वयं प्रकाश) पाठ -11 बाल गोविंद भगत (रामवृक्ष बेनीपुरी) पाठ- 1 पद (सूरदास) व्याकरण रचना के आधार पर वाक्य भेद	- नैतिक मूल्यों का विकास, स्वतंत्रता सेनानियों के प्रति सम्मान की भावना। - देशभक्ति के प्रति लोगों को जागरूक करना । - सूरदास का परिचय - काव्य के प्रति लगाव उत्पन्न होना । - कविता वाचन कौशल का विकास । - भावों और विचारों को व्यक्त करने की क्षमता का विकास ।
2	May	कृतिका भाग 2 - माता का अंचल पत्र लेखन	- अपनी संस्कृति की रक्षा माता-पिता और बच्चों के प्रति आपसी तालमेल । - अपने गांव के प्रति सच्चे प्रेम की भावना । - साहित्य के गद्य विधा की जानकारी होना । - भाव अभिव्यक्ति एवं रचनात्मक कौशल का विकास ।
3	June	लखनवी अंदाज (क्षितिज)	- सामंती वर्ग के बनावटी जीवन शैली की समझ । - स्वतंत्र एवं मौलिक रचना का ज्ञान ।

		अनुच्छेद लेखन (व्याकरण)	आकर्षक लेखन शैली का विकास ।
4	July	क्षितिज भाग -2 एक कहानी यह भी राम लक्ष्मण परशुराम संवाद कृतिका भाग -2 साना साना हाथ जोड़ी	- स्त्री शिक्षा समाज और राष्ट्र के लिए अत्यंत आवश्यक है इस बात को समझेंगे । - समझ विश्लेषण एवं तर्क क्षमता का विकास। - यात्रा वृत्तांत शैली की जानकारी । - हिंदी भाषा वाचन एवं लेखन कौशल का विकास ।
5	August	क्षितिज भाग 2 पाठ संख्या 5 उत्साह तथा है नहीं रही है पाठ 6 यह दंतुरित मुस्कान तथा फसल क्रियाकलाप काव्य पाठ कला समेकित अधिगम झारखंड एवं तेलंगाना राज्य के साहित्यकारों का विश्लेषण	- कवि परिचय प्राप्त होना । - हिंदी पद्धि विद्या से परिचय होना । - काव्य लेखन शैली की समझ - वाचन कौशल का विकास - काव्य पाठ एवं रचनात्मक कौशल का विकास - छात्र साहित्यकारों के विषय में जानकारी को प्राप्त कर उच्च स्तरीय चिंतन कौशल का ज्ञान प्राप्त होगा
6	September	व्याकरण पुनरावृत्ति	- हिंदी लेखन कौशल का विकास - पूर्व पठित पाठों की आवृत्ति से पाठों का समुचित अभ्यास होगा।
7	October	व्याकरण विज्ञापन लेखन औपचारिक ई-मेल लेखन क्षितिज भाग 2 पाठ 16 नौबत खाने में इबादत	- रोजगार परख हिंदी विज्ञापन लेखन का ज्ञान। - आधुनिक हिंदी भाषा की समझ । - हिंदी भाषा को व्यवहार में लाने का ज्ञान। - शब्द भंडार में वृद्धि होना - हिंदी भाषा की अच्छी समझ व्यवहारिक जीवन में हिंदी भाषा के प्रयोग का ज्ञान । - शहनाई वादक बिस्मिल्लाह खान के विषय में ज्ञान ।
8	November	क्षितिज भाग 2	काव्य का रस स्वादन करने में सक्षम होंगे।

		पाठ संख्या 9 संगतकार व्याकरण संदेश लेखन	- संगतकार की भूमिका एवं उसके त्याग से परिचित होंगे - विभिन्न वाद्य यंत्रों की जानकारी । - अपनी बात या किसी जानकारी को व्यक्त करने की कला का ज्ञान ।
9	December	कृतिका भाग 2 में क्यों लिखता हूँ पुनरावृत्ति ASL श्रवण एवं वचन संबंधी परीक्षा।	- हिंदी लेखन पठान एवं वाचन कौशल का विकास - अनुभव और अनुभूति में अंतर समझना। - पूर्व पठित पाठों की पुनरावृत्ति अभ्यास से सभी पाठ का समुचित अभ्यास होगा। - विषय वस्तु को समझ कर उद्देश्य और श्रोता के लिए वाचन कला की योग्यता ।
10	January	Pre-Board/mock	- यह बोर्ड परीक्षा की तैयारी में सहायक सिद्ध होगा । - छात्र अपनी-अपनी योग्यता को पहचान कर आगे परीक्षा के लिए पूर्ण रूप से तैयार हो सकेंगे ।
11	February	Remediation and CBSE Board Exam	

Subject: Sanskrit

S. No.	महीना	पाठ	अधिगम परिणाम
1	अप्रैल	संस्कृतपाठ्यपुस्तकम् 1. वाङ्मयं तपः 2. नास्ति त्यागसमम् सुखम् संस्कृतव्याकरणम् 1. सन्धि- 2. समास:-	- छात्राः “वाङ्मयं तपः” इत्यस्य अर्थं महत्त्वं च ज्ञास्यन्ति। - छात्राः मधुरभाषणस्य व्यवहारिकजीवने उपयोगं वर्णयितुं शक्नुवन्ति। - छात्राः त्यागस्य महत्त्वं जीवने कथं उपयोगी भवति इति अवगमिष्यन्ति। - छात्राः सदाचारं परोपकारभावं च विकसितुं प्रेरिताः भविष्यन्ति। - छात्राः स्वर-सन्धि, व्यञ्जन-सन्धि, विसर्ग-सन्धेः भेदान् अवगमिष्यन्ति। - छात्राः सन्धिविच्छेदं कर्तुं समर्थाः भविष्यन्ति। - छात्राः समस्तपदानां विग्रहं कर्तुं समर्थाः भविष्यन्ति।

		3. प्रत्ययाः - 5. समय-लेखनम्	- छात्राः विग्रहात् समस्तपदनिर्माणं कर्तुं शक्नुवन्ति। - छात्राः शब्देषु उचितप्रत्ययानां प्रयोगं कर्तुं समर्थाः भविष्यन्ति। - छात्राः प्रत्यययुक्तशब्दानां प्रयोगं वाक्येषु कर्तुं समर्थाः भविष्यन्ति। - छात्राः घटी, मुहूर्तः, प्रहरः इत्यादीनां ज्ञानं प्राप्स्यन्ति। - छात्राः दैनिकजीवने समयस्य महत्त्वं अवगमिष्यन्ति।
2	मई	संस्कृतपाठ्यपुस्तकम् 3. रमणीया हि सृष्टिः एषा	- छात्राः प्रकृतेः सौन्दर्यं महत्त्वं च अवगमिष्यन्ति। - छात्राः पर्यावरणसंरक्षणस्य आवश्यकतां ज्ञास्यन्ति। - छात्राः पाठस्थशब्दानां अर्थं भावार्थं च वर्णयितुं शक्नुवन्ति।
3	जून	संस्कृतपाठ्यपुस्तकम् 4. आज्ञा गुरुणां हि अविचारणीया 5. अभ्यासवशगं मनः संस्कृतव्याकरणम् 1. व्यञ्जन-सन्धि- तत्पुरुष, विभक्तिः,	- छात्राः “गुरु-आज्ञा” इत्यस्य महत्त्वं ज्ञास्यन्ति। - छात्रेषु गुरुजनानां प्रति सम्मानभावः विकसितः भविष्यति। - छात्राः दैनिकजीवने अनुशासनस्य पालनं कर्तुं प्रेरिताः भविष्यन्ति। - छात्राः “अभ्यासस्य महत्त्वम्” इति विषयं ज्ञास्यन्ति। - छात्राः शब्दार्थं भावार्थं च स्पष्टतया कथयितुं शक्नुवन्ति। - छात्राः नियमिताभ्यासस्य प्रति प्रेरिताः भविष्यन्ति। - छात्राः व्यञ्जनसन्धेः नियमानं ज्ञातुं समर्थाः भविष्यन्ति। - छात्राः व्यञ्जनसन्धेः भेदान् उदाहरणैः सह अवगमिष्यन्ति। - छात्राः तत्पुरुषसमासस्य परिभाषां ज्ञातुं समर्थाः भविष्यन्ति। - छात्राः तत्पुरुषसमासस्य भेदान् उदाहरणैः सह अवगमिष्यन्ति। - छात्राः समस्तपदानां विग्रहं कर्तुं शक्नुवन्ति।

4	जुलाई	संस्कृतपाठ्यपुस्तकम् 5. अभ्यासवशगं मनः 6. राष्ट्रं संरक्ष्यमेव हि संस्कृतव्याकरणम् 8. वाच्यपरिवर्तनम् 10. अव्ययपदानि- 7. कृत् प्रत्ययौ-	- छात्राः श्लोकस्य शुद्धं वाचनं तथा उच्चारणं कर्तुं समर्थाः भविष्यन्ति। - छात्राः अभ्यासस्य महत्त्वं जीवने अवगमिष्यन्ति। - छात्राः राष्ट्ररक्षणस्य महत्त्वं ज्ञास्यन्ति। - छात्रेषु देशभक्तेः भावना विकसिताः भविष्यन्ति। - छात्राः शब्दार्थं भावार्थं च अवगन्तुं शक्नुवन्ति। - छात्राः कर्तृवाच्यं कर्मवाच्यं भाववाच्यं च ज्ञास्यन्ति। - छात्राः वाक्येषु वाच्यपरिवर्तनं कर्तुं समर्थाः भविष्यन्ति। - छात्राः विभिन्नानि अव्ययपदानि उदाहरणैः सह अवगमिष्यन्ति। - छात्राः वाक्येषु अव्ययपदानां उचितप्रयोगं कर्तुं समर्थाः भविष्यन्ति। - छात्राः कृत्प्रत्यययोः परिचयं ज्ञास्यन्ति। - छात्राः विभिन्नानां कृत्प्रत्ययानां प्रयोगं अवगमिष्यन्ति। - छात्राः धातुभ्यः कृत्प्रत्यययुक्तपदानि निर्मातुं समर्थाः भविष्यन्ति।
5	अगस्त	संस्कृतपाठ्यपुस्तकम् 7. साधुवृत्तिं समाचरेत् संस्कृतव्याकरणम् 11. अशुद्धि-संशोधनम् अपठित अवबोधनम्	- छात्राः सदाचारस्य महत्त्वं ज्ञास्यन्ति। - छात्रेषु नैतिकमूल्यानां विकासः भविष्यति। - छात्राः श्लोकस्य शब्दार्थं भावार्थं च अवगन्तुं शक्नुवन्ति। - छात्राः वाक्येषु अशुद्धीनां परिचयं कर्तुं समर्थाः भविष्यन्ति। - छात्राः शब्दरूप-धातुरूपादीनां उचितप्रयोगं ज्ञास्यन्ति। - छात्राः अशुद्धवाक्यानां संशोधनं कर्तुं समर्थाः भविष्यन्ति। - छात्राः गद्यांशं पठित्वा तस्य अर्थं अवगन्तुं समर्थाः भविष्यन्ति। - छात्राः प्रश्नानां उत्तराणि गद्यांशाधारितानि लिखितुं शक्नुवन्ति।

		पत्र-लेखनम्, चित्र-लेखनम्/अनुच्छेदलेखनम् संवादपूर्तिः/कथापूर्तिः	- छात्राः संस्कृतभाषायां सरलपत्रं लेखितुं समर्थाः भविष्यन्ति। - छात्राः चित्रं दृष्ट्वा वर्णनं कर्तुं शक्नुवन्ति। - छात्राः निर्दिष्टविषये अनुच्छेदलेखनं कर्तुं समर्थाः भविष्यन्ति। - छात्राः संवादस्य रिक्तस्थानानि उचितशब्दैः पूरयितुं समर्थाः भविष्यन्ति। - छात्राः कथायाः क्रमं बोधुं तथा पूर्णतां नेतुं शक्नुवन्ति। - छात्रेषु कल्पनाशक्तिः तथा भाषिकसृजनशीलता विकसिताः भविष्यतः।
6	सितम्बर	- अपठित अवबोधनम् - पठित अवबोधनम् - पुनरावृत्ति	- शब्दनिर्माण-क्षमतायाः विकासः भवति । - पूर्वपठित पाठानाम् अभ्यासं कृत्वा परीक्षायाम् उत्तमान् अंकान् प्राप्तुं समर्थाः भविष्यन्ति ।
7	अक्टूबर	संस्कृतपाठ्यपुस्तकम् 8. तिरुक्कुरल्-सूक्ति-सौरभम् 9. सुस्वागतं भो! अरुणाचलेऽस्मिन् संस्कृतव्याकरणम् विसर्ग-सन्धिः- स्त्रीप्रत्ययौ-टाप्, डीप्	- छात्राः संस्कृतभाषायाः प्रति रुचिं विकसितुं शक्नुवन्ति। - छात्राः पाठाधारित-प्रश्नानां उत्तराणि संस्कृते लिखितुं समर्थाः भविष्यन्ति। - छात्राः पाठे प्रयुक्तानां नवीन-शब्दानां अर्थं ज्ञास्यन्ति। - छात्राः अरुणाचलप्रदेशस्य संस्कृति-परम्परां च अवगमिष्यन्ति। - छात्रेषु राष्ट्रप्रेम, सद्भावना, सहअस्तित्वभावना च विकसिताः भविष्यन्ति। - छात्राः विसर्ग-सन्धेः नियमाः ज्ञास्यन्ति। - छात्राः विसर्ग-सन्धेः उदाहरणानि चिन्तयितुं शक्नुवन्ति। - छात्राः पदयोः सन्धिं कर्तुं समर्थाः भविष्यन्ति। - छात्राः पुल्लिङ्गशब्देभ्यः स्त्रीलिङ्गशब्दनिर्माणं कर्तुं शक्नुवन्ति। - छात्राः टाप्-डीप्-प्रत्यययोः प्रयोगं ज्ञास्यन्ति।
8	नवंबर	संस्कृतपाठ्यपुस्तकम् 10. कालोऽहम् (केवलम् आन्तरिकमूल्यांकनाय)	- छात्राः कालस्य महत्त्वं जीवने अवगमिष्यन्ति। - छात्राः समयस्य सदुपयोगस्य आवश्यकता ज्ञास्यन्ति।

		11. किं किम् उपादेयम् (केवलम् आन्तरिकमूल्याकंनाय) संस्कृतव्याकरणम् अव्यय -पदानि	- छात्राः पाठे प्रयुक्तानां शब्दानां अर्थं भावार्थं च वर्णयितुं शक्नुवन्ति। - छात्राः पाठस्य मुख्यभावं ज्ञास्यन्ति। - छात्राः उपादेय-अनुपादेय-वस्तूनां विवेकं कर्तुं शक्नुवन्ति। - छात्राः सद्गुणानां महत्त्वं वर्णयितुं समर्थाः भविष्यन्ति। - छात्राः अव्यय-पदानि वाक्येषु प्रयुक्तुं समर्थाः भविष्यन्ति। - छात्राः अव्यय-पदानां अर्थं ज्ञास्यन्ति।
9	दिसम्बर	पुनरावृत्तिः	पुनरावृत्तिः कक्षा माध्यमेन छात्राणां बौद्धिक विकासः भविष्यति ।
10	जनवरी फ़रवरी	पुनरावृत्तिः	पुनरावृत्तिः कक्षा माध्यमेन छात्राणां बौद्धिक विकासः भविष्यति ।

Subject: Mathematic

S. No.	Month	Chapter/Unit Name	Competency Based Learning Outcomes
1	April	Real Numbers	After studying the lesson students can - Develop a proper understanding of number system. - They can find the LCM and HCF of numbers. - They know the relation between LCM and HCF - They can use the number in their practical life.
		Polynomials	After studying the lesson students can - Knows and define polynomials. - Understand different types of polynomials and its use. - They can find the zeroes of a linear and quadratic polynomials. - They can know the relation between zeroes and coefficient of linear and quadratic polynomials.
2	May	Linear equations in two variables	After studying the lesson students can - Define and recognize linear equations in two variables. - They know about the solution of linear equation. - They can solve simultaneous equation in two variables algebraically and graphically. - They can use linear equation in solving practical life problems.

		Quadratic equation	After studying the lesson students can - Identify examples of quadratic equations. - Describe the difference between real solution and not real solution. - They can solve quadratic equations. - They know real and imaginary solutions. - Relate quadratic equations to real life
3	June	Arithmetic progressions	After studying the lesson students can: - Define sequence and series. - They can find nth term of a arithmetic sequence. - They can find the sum of nth term of arithmetic sequence. - They can use AP in solving daily life problems.
		Coordinate geometry	After studying the lesson students can: - They can find the distance between any two points in a plane. - Use this Result to solve various types of problems. 3. they can use section formula to solve problems.
4	July	Triangles	After studying the lesson students can: - Recognize similar triangles. - Understand the definition of similar triangles. - Apply the properties and characteristics of similar triangle to solve real-world problems.
5	August	Introduction to trigonometry, Circles	After studying the lesson students can: - Work out complex angles and dimensions in relatively little time. - Understand how trigonometric functions relate to right triangles and solve word problems involving right triangle. - They can define tangent to a circle. - Use the result the tangent at any point of a circle is perpendicular to the radius through the point of contact and solve various problems.
6	September	Trigonometric identities	Prove different trigonometric identities
7	October	Heights and distances, Areas related to circles	After studying the lesson students can: - Can measure the height of a building or a mountain using trigonometric functions - Find the area of a circle whose radius is given. - They can find the area if circumference of circle is given. - They can find the areas of different combination of circles.
8	November	Surface areas and volumes, Statistics & Probability	After studying the lesson students can:

			- Learn to calculate surface area and volume of cone, cylinder, sphere, cube and cuboid. - Understand the mathematical relationship between surface area and volume
9	December		Revision of whole syllabus
10	January		Revision of whole syllabus
11	February		Revision and Assessment

Subject: Physics

S. No.	Month	Chapter/Unit Name	Competency Based Learning Outcomes
1	April	1. Light – Reflection and Refraction	- Explain the laws of reflection and refraction of light. - Describe image formation by plane and spherical mirrors using ray diagrams.
2	May	1. Light – Reflection and Refraction	- Differentiate between real and virtual images formed by mirrors and lenses. - Apply mirror and lens formulae to solve numerical problems related to focal length, image distance, and magnification.
3	June	2. Human Eye and the Colourful World	- Explain the structure and functioning of the human eye. Identify common eye defects and describe their correction using suitable lenses. - Explain atmospheric refraction and scattering of light with daily life examples such as twinkling of stars and blue colour of sky. - Analyse natural optical phenomena like rainbow formation and sunrise/sunset effects.
4	July	3. Electricity	Define electric current, potential difference, and resistance. Apply Ohm's Law in solving numerical problems and interpret V-I graphs.
5	August	3. Electricity	- Analyse factors affecting resistance and calculate equivalent resistance in series and parallel combinations. - Explain the heating effect of electric current and its practical applications in electrical appliances.
6	September	4. Magnetic Effects of Electric Current	- Explain magnetic field patterns around current-carrying conductors and permanent magnets. - Demonstrate Fleming's Left-Hand Rule.
7	October	4. Magnetic Effects of Electric Current	Describe electromagnetic induction and explain the working of Domestic Electric circuit
8	November	Revision and Competency-Based Practice	- Revise and strengthen conceptual understanding of all Physics chapters. - Develop problem-solving and critical thinking skills.

			- Improve analytical and application-based learning through case-study questions. - Enhance examination readiness through assignments and tests.
9	December	Mock Examination and Remedial Learning	- Identify learning gaps and improve conceptual clarity. - Strengthen scientific reasoning and presentation skills. - Improve confidence through sample paper practice and revision activities. - Develop effective examination strategies and time-management skills.
10	January	Mock Examination and Remedial Learning	- Identify learning gaps and improve conceptual clarity. - Strengthen scientific reasoning and presentation skills. - Improve confidence through sample paper practice and revision activities. - Develop effective examination strategies and time-management skills.
11	February	Board Examination Preparation	- Consolidate concepts learned throughout the academic session. - Strengthen accuracy, logical thinking, and application-based learning. - Prepare effectively for the CBSE Board Examination. - Demonstrate confidence and conceptual understanding in Physics.

Subject: Chemistry

S. No.	Month	Chapter/Unit Name	Competency Based Learning Outcomes
1	April	Chemical Reactions and Equations	- Understand chemical changes occurring in daily life. - Learn to write and balance chemical equations correctly. - Identify different types of chemical reactions. - Understand oxidation and reduction reactions with real-life applications. - Apply the law of conservation of mass while balancing equations. - Develop observation and analytical skills through laboratory activities.
2	May & June	Acids, Bases and Salts	- Differentiate between acids, bases, and salts based on their properties. - Understand the importance and applications of pH in everyday life.

			• Learn the use of indicators for identifying acids and bases. • Understand the preparation, properties, and uses of important salts. • Relate neutralization reactions to practical situations. • Develop scientific reasoning and experimental skills through practical activities.
3	July & August	Metals and Non-Metals	• Compare the physical and chemical properties of metals and non-metals. • Understand the reactivity series and its applications. • Learn about the extraction and refining of metals. • Understand ionic bond formation and properties of ionic compounds. • Analyse corrosion and methods of its prevention in daily life. • Apply concepts of metals and non-metals in industrial and environmental contexts.
4	September & October	Carbon and Its Compounds	• Understand the versatile nature of carbon and its tetravalency. • Learn about covalent bond formation and properties of covalent compounds. • Understand homologous series and nomenclature of carbon compounds. • Differentiate between saturated and unsaturated hydrocarbons. • Study the chemical properties and uses of carbon compounds. • Understand the cleansing action of soaps and detergents. • Apply concepts of organic chemistry to daily-life situations
5	November	Revision and Competency-Based Practice	• Revise and strengthen conceptual understanding of all chemistry chapters. • Develop problem-solving and critical thinking skills. • Improve analytical and application-based learning through case-study questions. • Enhance examination readiness through assignments and tests.
6	December &	Mock Examination and Remedial Learning	• Identify learning gaps and improve conceptual clarity.

	January		- Strengthen scientific reasoning and presentation skills. - Improve confidence through sample paper practice and revision activities. - Develop effective examination strategies and time-management skills.
7	February	Board Examination Preparation	- Consolidate concepts learned throughout the academic session. - Strengthen accuracy, logical thinking, and application-based learning. - Prepare effectively for the CBSE Board Examination. - Demonstrate confidence and conceptual understanding in Chemistry.

Subject: Biology

S. No.	Month	Chapter/Unit Name	Competency Based Learning Outcomes
1	April	Bridge Course	Students will be able to revise basic concepts of previous classes. - Students will improve reading, writing and listening skills. - Students will develop problem-solving and analytical abilities. - Students will understand scientific concepts and daily life applications. - Students will be able to use digital and practical learning methods. - Students will improve confidence for Class IX and X board preparation. - Students will develop regular study habits and self-learning ability.
2	May	Life Processes	Students will be able to: - Understand the basic life processes of living beings. - Explain nutrition, respiration, transportation and excretion in plants and animals.
3	June	Life Processes	Students will be able to: - Explain structure and function of heart. - Explain transport and transpiration in animals and plants. - Understand the importance of the excretory system.
4	July	Control and Co-ordination in Animals and Plants	Students will be able to - Explain the role of the nervous system in animals. - Differentiate between voluntary, involuntary and reflex actions.

			Understand animal hormones and chemical co-ordination
5	August	Control and Co-ordination in Animals and Plants	Students will be able to - Identify and explain tropic movements in plants. - Understand the functions of plant hormones.
6	September	Revision Half Yearly Examination	- Revise and strengthen conceptual understanding of all biology chapters. - Develop problem-solving and critical thinking skills. - Improve analytical and application-based learning through case-study questions. - Enhance examination readiness through assignments and tests.
7	October	Reproduction	Students will be able to - Understand the difference between asexual and sexual reproduction. - Explain reproduction in plants and animals. - Understand the importance of reproductive health. - Identify methods of family planning. - Develop awareness about safe sex and HIV/AIDS. Gain basic knowledge about child bearing and women's health.
8	November	Heredity	Students will be able to: - Understand the concepts of heredity and variation. - Explain Mendel's contribution and laws of inheritance. - Understand the process of inheritance of traits. - Explain the basic concept of sex determination.
9	December	Revision Pre-Board Examination	- Revise and strengthen conceptual understanding of all biology chapters. - Develop problem-solving and critical thinking skills. - Improve analytical and application-based learning through case-study questions. - Enhance examination readiness through assignments and tests.
10	January	Pre-Board Examination	- Identify learning gaps and improve conceptual clarity. - Strengthen scientific reasoning and presentation skills. - Improve confidence through sample paper practice and revision activities. - Develop effective examination strategies and time-management skills.

11	February	Board Examination	- Consolidate concepts learned throughout the academic session. - Strengthen accuracy, logical thinking, and application-based learning. - Prepare effectively for the CBSE Board Examination. - Demonstrate confidence and conceptual understanding in Biology.
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Subject: Social Studies

S. No.	Month	Subject	Chapter/Unit Name	Competency Based Learning Outcomes
1	April	History	5 - The Age of Industrialisation	- Explain the meaning and development of industrialization. - Describe proto-industrialization and early factories. - Understand the role of machines and technology. - Explain the growth of industries in Britain and India. - Analyze the impact of industrialization on workers and society. - Describe the role of entrepreneurs and industrialists. - Understand the condition of workers during industrialization. - Evaluate the changes brought by industrial growth.
		Geography	1 - Resources and Development	- Define resources and classify them. - Explain the importance of resource planning. - Understand sustainable development. - Describe land resources and land utilization. - Analyze land degradation and conservation methods. - Understand soil types and soil conservation. - Interpret resource distribution using maps.
		Political Science	1 - Power Sharing	- Define power sharing and its importance. - Explain forms of power sharing. - Understand the Belgian and Sri Lankan examples. - Analyze the importance of accommodation in democracy. - Explain how power sharing reduces conflict. - Evaluate the role of democracy in maintaining unity.
		Economics	1 - Development	- Define development and economic progress. - Compare different development goals. - Understand national income and per capita income. - Explain Human Development Index (HDI).

				- Analyze sustainable development. - Evaluate indicators of development.
2	May	History	1 - The Rise of Nationalism in Europe	- Explain the meaning and growth of nationalism in Europe. - Describe the role of the French Revolution in spreading nationalist ideas. - Understand the contribution of liberalism and conservatism. - Explain the significance of symbols, culture, and romanticism in nationalism. - Analyze the role of leaders like Giuseppe Mazzini, Count Cavour, and Otto von Bismarck. - Describe the process of unification of Germany and Italy. - Explain the impact of nationalism on Europe. - Interpret maps and historical events related to European nationalism.
		Geography	2 - Forest and Wildlife Resources	- Explain the importance of forests and wildlife. - Describe biodiversity and conservation methods. - Understand causes of depletion of forests and wildlife. - Explain conservation projects and policies in India. - Analyze community participation in conservation. - Understand the role of national parks and sanctuaries
		Political Science	1 - Power Sharing	- Define power sharing and its importance. - Explain forms of power sharing. - Understand the Belgian and Sri Lankan examples. - Analyze the importance of accommodation in democracy. - Explain how power sharing reduces conflict. - Evaluate the role of democracy in maintaining unity.
		Economics	1 - Development	- Define development and economic progress. - Compare different development goals. - Understand national income and per capita income. - Explain Human Development Index (HDI). - Analyze sustainable development. - Evaluate indicators of development.
3	June	History	1 - The Rise of Nationalism in Europe	- Explain the meaning and growth of nationalism in Europe. - Describe the role of the French Revolution in spreading nationalist

				• ideas. • Understand the contribution of liberalism and conservatism. • Explain the significance of symbols, culture, and romanticism in • nationalism. • Analyze the role of leaders like Giuseppe Mazzini, Count Cavour, and • Otto von Bismarck. • Describe the process of unification of Germany and Italy. • Explain the impact of nationalism on Europe. • Interpret maps and historical events related to European nationalism.
		Geography	3 - Water Resources	• Explain the importance of water as a resource. • Understand water scarcity and its causes. • Describe methods of water conservation. • Explain rainwater harvesting techniques. • Analyze the role of multipurpose river valley projects. • Evaluate the need for sustainable water management.
		Political Science	2 - Federalism	• Define federalism and its features. • Differentiate between unitary and federal systems. • Explain the structure of Indian federalism. • Understand the distribution of powers. • Analyze the role of local governments. • Explain the significance of decentralization.
		Economics	2 - Sectors of the Indian Economy	• Classify economic activities into sectors. • Differentiate between primary, secondary, and tertiary sectors. • Explain organized and unorganized sectors. • Understand employment generation in different sectors. • Analyze the importance of the service sector. • Evaluate government initiatives for employment.
4	July	History	3 - The Making of a Global World	• Define globalization and its historical development. • Understand trade and migration in the pre-modern world. • Explain the impact of colonialism on global trade. • Analyze the role of technology in connecting the world. • Explain the effects of the World Wars on the global economy. • Understand the Great Depression and its

				consequences. - Describe the role of international organizations and global trade systems. - Relate globalization to present-day economic changes.
		Geography	4 - Agriculture	- Explain the importance of agriculture in India. - Identify major farming types and cropping patterns. - Describe major crops and their production regions. - Understand the role of technology in agriculture. - Analyze problems faced by Indian farmers. - Explain the importance of food security.
		Political Science	2 - Federalism	- Define federalism and its features. - Differentiate between unitary and federal systems. - Explain the structure of Indian federalism. - Understand the distribution of powers. - Analyze the role of local governments. - Explain the significance of decentralization.
		Economics	2 - Sectors of the Indian Economy	- Classify economic activities into sectors. - Differentiate between primary, secondary, and tertiary sectors. - Explain organized and unorganized sectors. - Understand employment generation in different sectors. - Analyze the importance of the service sector. - Evaluate government initiatives for employment.
5	August	History	4 - Print Culture and the Modern World	- Explain the origin and spread of print culture. - Describe the role of printing in spreading ideas and knowledge. - Analyze the impact of print on the Renaissance, Reformation, and scientific thinking. - Explain how print influenced nationalism and public opinion. - Understand the role of newspapers, journals, and novels. - Describe the impact of print culture in India. -Explain censorship and control over print media. - Evaluate the importance of print in modern society.
		Geography	5 - Minerals and Energy Resources	- Classify minerals and energy resources. - Explain the distribution of minerals in India. - Understand conventional and non-conventional energy sources.

				- Analyze conservation methods for minerals and energy. - Describe the importance of sustainable resource use. - Interpret maps showing mineral and energy distribution.
		Political Science	3 - Gender, Religion and Caste	- Explain gender division and inequality. - Understand women's participation in politics. - Analyze the role of religion in politics. - Explain caste inequalities and their effects. - Understand social reforms and equality measures. - Evaluate challenges to social justice in democracy.
		Economics	2 - Sectors of the Indian Economy	- Classify economic activities into sectors. - Differentiate between primary, secondary, and tertiary sectors. - Explain organized and unorganized sectors. - Understand employment generation in different sectors. - Analyze the importance of the service sector. - Evaluate government initiatives for employment.
6	September	History	4 - Print Culture and the Modern World	- Explain the origin and spread of print culture. - Describe the role of printing in spreading ideas and knowledge. - Analyze the impact of print on the Renaissance, Reformation, and scientific thinking. - Explain how print influenced nationalism and public opinion. - Understand the role of newspapers, journals, and novels. - Describe the impact of print culture in India. - Explain censorship and control over print media. - Evaluate the importance of print in modern society.
		Geography	5 - Minerals and Energy Resources	- Classify minerals and energy resources. - Explain the distribution of minerals in India. - Understand conventional and non-conventional energy sources. - Analyze conservation methods for minerals and energy. - Describe the importance of sustainable resource use. - Interpret maps showing mineral and energy distribution.
		Political Science	3 - Gender, Religion and Caste	- Explain gender division and inequality. - Understand women's participation in politics.

				- Analyze the role of religion in politics. - Explain caste inequalities and their effects. - Understand social reforms and equality measures. - Evaluate challenges to social justice in democracy
		Economics	3 - Money and Credit	- Understand the role of money as a medium of exchange. - Explain the modern forms of money. - Analyze the terms of credit and role of formal/informal sources. - Evaluate the importance of SHGs in credit distribution. - Understand the function of Banks in the economy.
7	October	History	4 - Print Culture and the Modern World	- Explain the origin and spread of print culture. - Describe the role of printing in spreading ideas and knowledge. - Analyze the impact of print on the Renaissance, Reformation, and scientific thinking. - Explain how print influenced nationalism and public opinion. - Understand the role of newspapers, journals, and novels. - Describe the impact of print culture in India. - Explain censorship and control over print media. - Evaluate the importance of print in modern society.
		Geography	Manufacturing Industries	- Explain the importance of manufacturing industries. - Describe the role of industries in economic development. - Understand industrial location factors. - Analyze major industries in India. - Explain industrial pollution and environmental degradation. - Suggest measures for sustainable industrial development.
		Political Science	Political Parties	- Define political parties and their functions. - Explain the importance of political parties in democracy. - Differentiate between national and regional parties. - Analyze challenges faced by political parties. - Explain reforms to strengthen political parties. - Understand the role of opposition parties.
		Economics	Globalisation and the Indian Economy	- Define globalization and its features. - Explain the role of multinational companies.

				• Understand foreign trade and investment. • Analyze the impact of globalization on India. • Explain the role of WTO in global trade. • Evaluate the positive and negative effects of globalization.
8	November	History	Nationalism in India	• Explain the growth of nationalism in India. • Describe the impact of the First World War on India. • Understand the ideas and methods of Mahatma Gandhi. • Explain movements such as the Non-Cooperation Movement and Civil Disobedience Movement. • Analyze the role of different social groups in the national movement. • Explain the role of symbols, folklore, and nationalism. • Evaluate the role of the Indian National Congress. • Understand the significance of the freedom struggle.
		Geography	Lifelines of National Economy	• Explain the importance of transport and communication. • Describe different means of transportation. • Understand the role of communication systems. • Analyze international trade and tourism. • Explain the contribution of trade to the economy. • Interpret maps related to transport networks and trade.
		Political Science	Outcomes of Democracy	• Explain the meaning of democratic outcomes. • Analyze democracy's role in accountability and transparency. • Understand the relationship between democracy and development. • Explain economic and social outcomes of democracy. • Evaluate democracy's success in reducing inequality. • Appreciate the importance of citizen participation.
		Economics	Globalisation and the Indian Economy	• Define globalization and its features • Explain the role of multinational companies. • Understand foreign trade and investment. • Analyze the impact of globalization on India. • Explain the role of WTO in global trade. • Evaluate the positive and negative effects of globalization.

9	December		Winter Revision	- Comprehensive revision of all topics covered. - Practice previous year question papers. - Doubt clearing sessions
10	January		Pre-board Examination	- Conducting full-syllabus mock exams. - Assessment of preparation levels. - Identifying areas for improvement.
11	February		Board Examination	Final Board Examination

Subject: Information Technology (402)

S. No.	Month	Chapter/Unit Name	Competency Based Learning Outcomes
1	April	PART – A 1 Communication skills II 2 Self-Management skills II	- Students will be able to identify and analyse different type of communication - They will identify 7 C' s of Communication - Explain Barriers in Communication, About Feedback - They will analyse self-management and how to implement it, they will identify the different types of stress created in Life, Factors that cause stress. - They will be able to identify techniques to reduce stress. - They will analyse the benefit of working independently and significance of time management self-awareness etc.
2	May	PART-B 1 Digital Advanced Documentation	- Students will be able to analyse and explain the concept of different types of styles theoretically. - They will practically apply different styles in their document effectively.
3	June	1 Digital Documentation Advanced continues	- Applying and inserting new styles made by self, update styles insert images in different ways - They will apply table of content - They will apply saved inbuilt templates etc.
4	July	2 Electronic Spreadsheets (Advanced)	- Students will analyse and apply consolidation of data, grouping and subtotals - What if analysis like scenarios goal seek and solve in their spreadsheets. They will explain macro and apply practically; they will also analyse how to link and share spreadsheets.

5	August	2 Electronic Spreadsheets continues. Part-B 3 ICT Skills II	Hyperlink - Record Change and Track Changes - About Software, importance of Operating system it's functions. - To analyse and explain the use of task bar, status bar, icons, folders - Maintenance of Computer and its parts security of hardware, data and software. - Identify different types of viruses, malware, etc. and explain and apply techniques to protect computer system
6	September	Revision of half yearly portion.	- Student will be able to strengthen their taught concept practice to do well in exam. - Doubt class will be conducted to rebuild their concept and knowledge
7	October	4 Database Management System	Students will explain database concept and features and be familiar in use of database package Libre Office Base They will create new table having attributes, tuple, they will update, insert, update, delete records in tables. Creates queries, forms and reports practically based on tables.
8	November	5 Maintain health safety and security at workplace Part-A 4 Green Skills II 5 Entrepreneurship Skills II	- They will be able to maintain security and health safety analyse them and implement it at workplace. - They will analyse and explain the importance of green Skills compare different skills. - They will analyse different 17 SDG Goals and their significance. - They will explain about entrepreneurship, qualities of entrepreneurs, their contribution in the development of society as well as economy of nation - Myths regarding entrepreneurship
9	December	Revision of whole syllabus	Students will strengthen their concept of all chapters by clearing their doubts and practicing theoretically and practically. Students will appear for board practical and theory exam in the month of February
