

Delhi Public School, Numaligarh

Class: X

Scheme of Work: 2024-25

Sub: English

S.N	Month	No. of ID	First Flight	Footprints without Feet	Words and expression & Writing Skill and Grammar
1	March & Apr-2024	21	Prose 1.A Letter to God 2.Nelson Mandela: Long Walk to Freedom Poetry 1.Dust of Snow 2.Fire and Ice		Chapter 1
2	May-2024	25	Prose 3.Two Stories about Flying 4.From the Diary of Anne Frank Poetry 4.A Tiger in the Zoo 5.How to Tell Wild Animals 6.The Ball Poem	1.The Triumph of Surgery 2.The Thief's Story 3.The Midnight Visitor	Chapter 3,4 Letter writing Formal letter complaint / inquiry / placing order / letter to editor
3	June-2024	13	Poetry 7. Amanda	4.A Question of Trust 5.Footprints without Feet	Chapter 5 &6 Grammar(Application of): 1. Tenses 2. Modals 3. Use of passive voice
4	July-2023	07	Prose 7.Glimpses of India 8.Mijbil the Otter		Written work
5	Aug-2023	25	A.First Flight 9.Madam Rides the Bus Poetry 9.The Trees	6.The Making of a Scientist 7.The Necklace 9.Bholi	Chapter 7 ,8,9 Analytical passage writing.

			Prose 10. The Sermon at Benares 11. The Proposal	10. The Book that Saved the Earth Revision	
6	Sep-2023	19	Poetry 9.Fog 10. The Tale of Custard the Dragon Revision and ASL(SEA) will be done during this month		ASL
7	Oct-2023	21	Revision and preparation for Boards	Revision	Chapter 10& 11 Grammar(Application of): 5.Reporting (i) Commands and requests (ii) Statements (iii) Questions
8	Nov-2023	20	Revision and preparation for Boards	Revision	Grammar(Application of): 6. Clauses: (i) Noun clauses (ii) Adverb clauses (iii) Relative clauses
9	Dec-2023	09	Revision and preparation for Boards	Revision	Grammar(Application of): 7. Determiners 8. Prepositions
10	Jan-2024	23	Revision and preparing the students for Boards exam	Revision	
11	Feb-2024	22	Revision	Revision	Revision
12	March-2023	19	Exam		

Text Books used

1. First Flight

2. Footprints without Feet

3. Words and Expressions-II

Portion for Assessments-2023-24

<p align="center">PT-1</p>	<p>1.A Letter to God 2.Nelson Mandela: Long Walk to Freedom 1.Dust of Snow 2.Fire and Ice 3.Two Stories about Flying 4.The Triumph Of Surgery</p>	<p align="center">Unseen Comprehension/Letter writing</p>	<p>The grammar items may be tested through test types given below:</p>
<p align="center">Half Yearly Exam Or PT-2</p>	<p>Prose 1.A Letter to God 2.Nelson Mandela: Long Walk to Freedom 3.Two Stories about Flying 4.From the Diary of Anne Frank 1Triumph of Surgery 2.The Thief’s Story 3.The Midnight Visitor 4.A Question of Trust</p> <p>Poetry 1.Dust of Snow 2.Fire and Ice</p>	<p align="center">Unseen Comprehension Letter writing Analytical Writing/Paragraph writing</p>	<p>V Gap filling with one or two words to test Prepositions, Articles, Conjunctions and Tenses. VI Editing or omission. VII Sentences Reordering or Sentence Transformation in context.</p>

PT-3	A.First Flight Prose 7.Glimpses of India 8.Mijbil the Otter 9.Madam Rides the Bus Poetry .The Trees Fog		
Pre Boards Exam	Entire Syllabus for board exam in board pattern		

Delhi Public School, Numaligarh
Projects/Subject Enrichment Activities

Month	Activity	Objective/s	Details & Evaluation
Sep-2024	ASL	Assessment of speaking and listening skills	As per CBSE Guidelines
Dec/Jan-2024-25	ASL	Assessment of speaking and listening skills	As per CBSE guidelines
Projects			
June 2023	Project	Write on local freedom fighters of Assam and india	Presentation,Fluency and language,Content,Originality of work
JULY 2023	Project	Reading a classic and doing the jacket and book cover	Presentation,Fluency and language,Content,Originality of work

August	Group work	Any place of india where tea is grown and its origin	Presentation,Fluency and language,Content,Originality of work
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Summer holiday Homework

दिल्ली पब्लिक स्कूल, नुमालीगढ़

Class : X

Scheme of Work: 2024 – 25

Sub: Hindi 2L

क्र. सं.	माह	अवधि	स्पर्श – 2	संचयन- 2	व्याकरण
1	March/April 2024	3/17	1. बड़े भाई साहब 2. साखी	1. हरिहर काका	1. अपठित गद्य 2. पदबंध
2	May 2024	25	3. डायरी का एक पन्ना 4. मीरा के पद 5. मनुष्यता		3. रचना के आधार पर वाक्य रूपांतर 4. अनुच्छेद लेखन
3	June 2024	13	6. तोप	2. सपनों के से दिन	5. सूचना – लेखन 6. पत्र (औपचारिक),
4	July 2024	7	7. कर चले हम फ़िदा		7. विज्ञापन 8. मुहावरे
5	August 2024	25	8. ततार्रा वामीरो कथा 9. अब कहाँ दूसरे के दुख से दुखी होने वाले 10. आत्मत्राण		10. समास 11. लघु कथा लेखन 12. ई-मेल
6	September 2024	19	11. तीसरी कसम के शिल्पकार शैलेंद्र पुनः अभ्यास , परीक्षा		
7	October 2024	21	12. पर्वत प्रदेश में पावस 13. कारतूस	3. टोपी शुक्ला	
8	November 2024	20	पुनः अभ्यास		
9	December 2024	9	पुनः अभ्यास		
10	January 2025	23	Mock Exam		
11	February 2025	22	Pre Board 1		
12	March 2025	19	परीक्षा		

दिल्ली पब्लिक स्कूल, नुमालीगढ़

Class : X

Portion for Assessment: 2024 – 25

Sub: Hindi 2 L

मूल्यांकन	स्पर्श 2	संचयन 2	व्याकरण
PT 1	1. बड़े भाई साहब 2. साखी	1. हरिहर काका	1. अपठित गद्य 2. पदबंध 3. रचना के आधार पर वाक्य रूपांतर 4. अनुच्छेद लेखन
Halfyearly Exam/PT2	1. बड़े भाई साहब 2. साखी 3. डायरी का एक पन्ना 4. मीरा के पद 5. मनुष्यता		1. अपठित गद्य 2. पदबंध 3. रचना के आधार पर वाक्य रूपांतर 4. सूचना – लेखन 5. पत्र (औपचारिक) 6. अनुच्छेद लेखन 7. विज्ञापन 8. मुहावरे 9. समास 10. लघु कथा लेखन 11. ई-मेल
PT 3	6. तोप 7. कर चले हम फ़िदा 8. ततौरा वामीरो कथा		1. अपठित गद्य 2. मुहावरे 3. समास 4. सूचना – लेखन
Mock Exam	संपूर्ण पाठ्यक्रम: पाठ 1 से 13	पाठ 1 से 3	संपूर्ण व्याकरण संपूर्ण रचनात्मक लेखन संपूर्ण अपठित बोध

दिल्ली पब्लिक स्कूल, नुमालीगढ़

Class : X

Projects/Subject Enrichment Activity: 2024 – 25

Sub: Hindi 2L

माह	क्रियाकलाप	उद्देश्य	मूल्यांकन
May 2024	श्रवण/ वाचन कौशल पर आधारित(एकल)	1.सुनकर अर्थ ग्रहण करने की क्षमता 2.अभिव्यक्ति का विकास 3.अर्थ ग्रहण कर उत्तर लिख पाना	1. ग्राह्य क्षमता 2. सटीक उत्तर(भाषा, वाक्य रचना क्षमता) 3. स्वतंत्र अभिव्यक्ति 4. आत्मविश्वास
August 2024	मीरा के पद (सामूहिक)	1. कविता गायन के प्रति अभिरुचि का विकास 2. जिज्ञासु प्रवृत्ति का विकास 3. संगीत के प्रति रुचि उत्पन्न करना 4. हिंदी की विविध बोलियों से परिचय	1.उच्चरण की शुद्धता 2.लय एवं ताल 3. सामूहिक तालमेल 4. आरोह –अवरोह 5. प्रस्तुतीकरण
October 2024	क्षेत्र भ्रमण (व्यक्तिगत)	1. व्यावहारिक ज्ञान देना 2. छात्रों को उनके पास के वातावरण एवं संस्कृति आदि से परिचय 3. छात्रों को विभिन्न स्थलों तथा दृश्यों की सौंदर्यानुभूति कराकर वास्तविक अनुभव प्रदान करना	1. छात्रों की सहभागिता व विषयवस्तु में रुचि 2. तथ्य संकलन 3. अधिकतम जानकारी एकत्रित कर लेखन व प्रस्तुती
November 2025	कक्षा पत्रिका (सामूहिक)	1. जानकारी एकत्रित व संकलित करना 2. कल्पनाशीलता व रचनात्मक का विकास 3. संपादन क्षमता का विकास	1. प्रस्तुतीकरण (कलात्मक,चित्र, सुंदरता) 2. कल्पनाशीलता 3.क्रमबद्धता, सुसंबद्धता

DELHI PUBLIC SCHOOL, NUMALIGARH

Scheme of work, 2024-25

Class- X

Sub: - Sanskrit 2nd Lang

क्र म संख्या	मास	अवधि	संमूर्षी- भाग-2	व्याकरण	अभ्यासवान भव
1	April	8		वर्ण विचार	
2	May	25	शुद्धि: बलवती सदा		अपठित गद्यांश, पत्र - लेखन, चित्र-वर्णनम्
3	June	13	जननीतुल्य वत्सला	सन्धि:	पठित अवबोधनम् , व्याकरण
4	July	7		समासा:	
5	August	26	सुभाषितानि	समासा:	रचनानुवाद:
6	September	16	प्रकृतिशोभा:	वाच्य परिवर्तनम्	अनुच्छेद लेखनम्
7	October	21	विचित्र साक्षी:	समय लेखनम्	पत्रलेखनम्
8	November	20	सूक्तयः		चित्रवर्णनम्
9	December	09		प्रत्ययाः	
10	January	22	शिशुः लालनम्		अशुद्धि-संशोधनम्
11	February	22	प्राणोर्ध्वाऽपि शिवः सुहृदः	अव्ययाः	अपठित-अवबोधनम्
12	March	16	पुनरावृत्ति ,		परीक्षा अभ्यास

DELHI PUBLIC SCHOOL, NUMALIGARH
PORTION FOR ASSESSMENT

Class- X

Sub: - Sanskrit 2nd Lang

Sl.no	Exam	Syllabus
1	PT-1	बुद्धिःबलवती सदा , जननीतुल्य वत्सला , अपठित गद्यांश,पत्र -लेखन,चित्र-वर्णनम्
2	PT-2	सुभाषितानि , प्रकृतिशोभाः, विचित्र साक्षीः, सन्धिः,समासाः, प्रत्ययाः
3	PT-3	सूक्तयः ,शिशुलालनम्, वाच्यप्रकरणम्, समयः , अव्यय,संशोधनम्
4	PRE-BOARD	Full Syllabus

Delhi Public School, Numaligarh

Class: (X)

Scheme of Work: 2024-25'

Sub: Assamese - Code (014)

S.N	Month	No. of ID	Axomia Sahitya Chayanika (Text Book) (Natun- Ditriwa Bhag)	Rosona Bichitra (Grammar & Writing Skill)
1	March & April-2024	21	Prose: Axomor Janagosthir Gathani Aaru Sanskriti (Part 1)	<ul style="list-style-type: none"> • Kal (Tense) , Dhatu (Verbal Root) and Personal Letter
2	May-2024	25	Prose: Axomor Janagosthir Gathani Aaru Sanskriti (Part 2 ,3 & 4)	<ul style="list-style-type: none"> • Report Writing , Official Letter • Sandhi (Bisarga and Axomia) & Idioms and Phrases (Sl. No. 6 & 7) • Upasraga , Anusarga
3	June-2024	13	Poetry: Bargeet Revision for PT-1	<ul style="list-style-type: none"> • Story /Essay Writing (Adarshamulok)
4	July-2024	07		<ul style="list-style-type: none"> • Comprehension and Written work
5	Aug-2024	25	Prose: Aranya Jatra Poetry: Prashasti	<ul style="list-style-type: none"> • Proverb (Sl No.11 to 16) • Bakya Porivorttan (Simple, Complex & Compound Sentence) • Idioms and Phrases (Sl. No. 8)
6	Sep-2024	19	ASL (SEA) will be done during this month. Revision for PT-2/HYL	<ul style="list-style-type: none"> • Written Work
7	Oct-2024	21	Prose: Udyogi Howo Aaha (Part 1 ,2 & 3)	<ul style="list-style-type: none"> • Xamarthak Xabdo (Synonyms) & Opposite Words (Antonyms)
8	Nov-2024	20	Prose: Udyogi Howo Aaha (Part 4,5 & 6)	<ul style="list-style-type: none"> • Proverb (Sl. No. 17 to 20)
9	Dec-2024	09	Poetry: Jikir Revision for PT-3	<ul style="list-style-type: none"> • Comprehension and Revision
10	Jan-2025	23	Revision, Doubt Clearing and preparing the students for Pre- Board Exam (2024-25) /Self Study	<ul style="list-style-type: none"> • Sample paper(CBSE), Revision & Assessment
11	Feb-2025	22	ASL (SEA) will be done during this month. Doubt Clearing session.	<ul style="list-style-type: none"> • Revision

12	March-2025	19	AISE -2025	
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Text Book used:

1. Axomia Sahitya Chayanika (Natun- Ditriwa Bhag)
2. Grammar: Rosona Bichitra

Portion for Assessments-2024-25'

PT-1	Prose: Axomor Janagosthir Gathani Aaru Sanskriti Poetry: Bargeet	<ul style="list-style-type: none"> • Comprehension. • Kal (Tense) , Dhatu (Root) and Personal Letter • Report Writing. • Sandhi (Bisarga and Axomia) & Idioms and Phrases (6 , 7 & 8)
Half Yearly /PT-2	Prose: Axomor Janagosthir Gathani Aaru Sanskriti Prose: Aranya Jatra Poetry: Bargeet Poetry: Prashasti	<ul style="list-style-type: none"> • Comprehension. • Kal (Tense) , Dhatu (Root) • Upasarga and Anusarga • Sandhi (Bisarga and Axomia) & Idioms and Phrases (6 , 7 & 8) • Bakya Parivorttan (Simple, Complex & Compound Sentence), • Story Writing, Personal/ Official Letter, Proverb (11 to 16) & Report Writing/Essay Writing (Adarshamulok)
PT-3	Prose: Udyogi Howo Aaha Poetry: Jikir	<ul style="list-style-type: none"> • Comprehension • Xamarthak Xobdo (Synonyms), Opposite Words • Report Writing , Letter writing • Proverb (17 to 20) • Idioms & Phrases (8 to 10)
Pre - Boards Exam	Entire Syllabus for Board Exam in Board Pattern	

Delhi Public School, Numaligarh
Projects/Subject Enrichment Activities

Month	Activity	Objective/s	Details & Evaluation
Project			
June-2024	Project	PPT/ Model Making Socio-Economic and Cultural life of Assam	Presentation,Fluency and language,Content,Written work
August-2024	Project	PPT/Model Making on Kaziranga National Park – A World Heritage Centre	Presentation,Fluency and language,Content,Written work
November-2024	Project	PPT : Udyogi Howo Aaha Entrepreneurs, Great Scientists and Industrialists.	Presentation,Fluency and language,Content,Written work
December-2024	Project	Art Integrated Project (CBSE)	Presentation,Fluency and language,Content,Written work
ASL			
Sep-2024	ASL	Assessment of speaking and listening skills	As per CBSE Guidelines
January/Feb 2025	ASL	Assessment of speaking and listening skills	As per CBSE Guidelines

Delhi Public School, Numaligarh

Scheme of Work: 2024-'25

Sub: Mathematics

Class: X

S.N	Month	No. of ID	NCERT Text Book
1	March-2024- April -2024	22	Unit 1-Number Systems Chapter-1:Real Numbers Section-1: The fundamental theorem of arithmetic Section-2: Revisiting irrational numbers
			Unit 2- Algebra Chapter-2: Polynomials Section-1: Geometric meaning of the zeroes of a polynomial Section-2: Relationship between zeroes and coefficients of a polynomial
2	May-2024	25	Chapter-3: Pair of Linear Equations in Two Variables Section-1: Pair of linear equations in two variables Section-2: Graphical methods of solving a pair of linear equations Section-3: Algebraic methods of solving a pair of linear equations <ul style="list-style-type: none"> • Substitution method • Elimination method Chapter-4: Quadratic Equations Section-1: Quadratic equations Section-2: Solution of a quadratic equation by factorization Section-3: Nature of roots
3	June-2024	13	Chapter-5: Arithmetic Progressions Section-1: Arithmetic progressions Section-2: n^{th} term of an AP Section-3: sum of first n terms of an AP Revision for PT-1
4	July-2024	07	Unit 3- Geometry Chapter-6: Triangles Section-1: Similar figures Section-2: Similarity of triangles

5	August-2024	25	Chapter-6: Triangles (contd.) Section-3: Criteria for similarity of triangles Unit 4- Coordinate Geometry Chapter-7: Coordinate Geometry Section-1: Distance formula Section-2: Section formula Unit 5- Trigonometry Chapter-8: Introduction To Trigonometry Section-1: Trigonometric ratios Section-2: Trigonometric ratios of some specific angles
6	September-2024	19	Section-3: Trigonometric identities Chapter-9: Some Applications of Trigonometry Section-1: Heights and distances Revision for HY/PT-2
7	October-2024	21	Geometry (contd.) Chapter-10: Circles Section-1: Tangents to a circle Section-2: Number of tangents from a point on a circle Unit 6-Mensurations Chapter-11: Areas Related To Circles Section-1: Areas of sector and segment of a circle
8	November-2024	20	Chapter-12: Surface Areas And Volumes Section-1: Surface area of a combination of solids Section-2: Volume of a combination of solids Unit 7-Statistics and Probability Chapter-13: Statistics Section-1: Mean of grouped data Section-2: Mode of grouped data Section-3: Median of grouped data
9	December-2024	09	Chapter-14: Probability Section-1: Probability- a theoretical approach Revision for PT-3
10	January-2025	23	Pre-Board Examination/Enrichment Classes
11	February-2025	22	Enrichment Classes/ Board examination
12	March-2025	19	Board examination

Portion for Assessments-2024-'25

PT-1	Chapter-1: Real Numbers Chapter-2: Polynomials Chapter-3: Pair of Linear Equations in Two Variables Chapter-4: Quadratic Equations Chapter-5: Arithmetic Progressions
Half Yearly Exam/PT-2	Chapter-1: Real Numbers Chapter-2: Polynomials Chapter-3: Pair of Linear Equations in Two Variables Chapter-4: Quadratic Equations Chapter-5: Arithmetic Progressions Chapter-6: Triangles Chapter-7: Coordinate Geometry Chapter-8: Introduction To Trigonometry Chapter-9: Some Applications of Trigonometry
PT-3	Chapter-10: Circles Chapter-11: Areas Related To Circles Chapter-12: Surface Areas And Volumes Chapter-13: Statistics Chapter-14: Probability
Pre-Board Examination	Whole Syllabus
AISSE-2025	Whole Syllabus

Projects/Subject Enrichment Activities

Month	Activity	Objective/s	Details & Evaluation
June-2024	<u>Lab Activity:</u> Arithmetic progression	➤ To verify that the sum of the first n natural numbers is $n(n+1)/2$.	1. Lab Ethics (5 marks) (i) Brings Material for activity (1) (ii) Take interest in class (1) (iii) Regularity in attendance (1) (iv) Take care of property (1) (v) Listening during demo (1) 2. Performance of activity (5 marks) (i) Able to explain concept correctly after completion (5)
August-2024	<u>Lab Activity:</u> Basic Proportionality Theorem	➤ To verify that if a line is drawn parallel to one side of a triangle to intersect the other two sides in two distinct points, then the other two	

		sides are divided in the same ratio.	<p>or complete activity in the class independently (5)</p> <p>(ii) Takes help and complete the task (4)</p> <p>(iii) Works independently but not able to complete (3)</p> <p>(iv) Tries to perform hands on the lab (2)</p> <p>(v) Just initiate the task allotted (1)</p> <p>3. File record (5 marks)</p> <p>(i) Index/cover (1)</p> <p>(ii) Neatness (1)</p> <p>(iii) Submits on time (1)</p> <p>(iv) Regularly brings file (1)</p> <p>(v) Does correction (1)</p> <p>(Total 15 marks to be converted to 5 marks for evaluation of each activity)</p>
October-2024	<u>Lab Activity:</u> Tangents from an external point to a circle	➤ To verify that the length of the tangents drawn from an external point to a circle are equal by paper folding and cutting activity.	
November-2024	<u>Lab Activity:</u> Area of sectors formed at the vertices of a triangle.	➤ To verify that the sum of the areas of the three sectors of same radii 'r' formed at the vertices of any triangle is $\pi r^2/2$.	
*Art integrated project will replace one of the subject enrichment activities in Mathematics.			

Delhi Public School, Numaligarh

Class: X

Scheme of Work: 2024-2025

Subject: Science

S.N	Month	No of ID	Physics	Chemistry	Biology
1	March 2024	3	Chapter- 10 : Light - Reflection and Refraction	Chapter-1 : chemical reactions and equations	Chapter-6 Life Processes
1	April2024	18	Chapter- 10 : Light - Reflection and Refraction	Chapter-1 : chemical reactions and equations	Chapter-6 Life Processes.
2	May 2024	25	Chapter- 10 : Cont'd with practicals and activities.	Chapter-1: cont'd with applications. Chapter-2: Acids,bases and salts	Chapter-6 Cont'd Life Processes. Chapter -7 Control and co-ordination.
3	June2024	13	Chapter – 11: Human Eye and the Colourful World.	Chapter-2: cont'd with practicals and activities	Chapter -7 Cont'd Control and co-ordination. *Revision +Practical & activities.
4	July 2024	7	Chapter – 11: Cont'd with practicals and activities.	Chapter-3: Metals and non-metals	Chapter -7 Cont'd Control and co-ordination
5	August 2024	25	Chapter-12:Electricity	Chapter-3: cont'd with practicals and activities.	Chapter-8 Cont'd How do organisms reproduce?
6	September 2024	19	Chapter -12: Cont'd with practicals and activities.	Chapter-4: Carbon and its compounds	Chapter-9 Heredity and Evolution *Revision+Practical & activities.
7	October 2024	21	Chapter -13: Magnetic effect of electric current.	Chapter-4:cont'd with practicals and activities	Chapter-9 Cont'd Heredity and Evolution. Chapter- 15 Our Environment. *Practical & activities
8	November 2024	20	Chapter-13: Cont'd with practicals and activities.	Chapter-4: cont'd with practicals and revision tests	Chapter- 15 Cont'd Our Environment. *Practical & activities
9	December 2024	9	Revision	PT-3 + revision	PT-3 + revision
10	January 2025	23	Revision	PB-I + revision	PB-I + revision
11	February2025	22	Revision / Self Study	Preparatory leave/AISSE2025	Revision/Self study/AISSE2025
12	March 2025	19	Board exam	AISSE2025	AISSE2025

Delhi Public School, Numaligarh
Portion for Assessments : 2024-25

Class-X

Examinations	Physics	Chemistry	Biology
PT-1	Chapter 10 : Light - Reflection and Refraction	Chapter-1: Chemical reactions and equations. Chapter2: Acids , bases and salts(50%)	Chapter-6: Life Processes
PT-2	Chapters 10 and 11: Light - Reflection and Refraction, Human Eye and the Colourful World.	Chapter1,2 and 3: Chemical reactions and equations, Acids, bases and salts, Metals and non-metals(50%)	Chapter-6,7(Life Processes, Control and Co-ordination)
PT-3	Chapters 12 and 13: Electricity , Magnetic effect of electric current.	Chapter3& 4: Metals and non-metals(50%) , Carbon and its compounds.	Chapter-8,9(How do organisms reproduce, Heredity and Evolution)
PB-I	Chapters 10,11,12,13,14 (Full Syllabus)	Chapters 1,2,3,4 (Full syllabus)	Chapters 6,7,8,9,15, (Full Syllabus)
AISSE - 2025	Full Syllabus	Full syllabus	Full Syllabus

Examination Schedule: 2024-25

Examination	Dates
Periodic Test-1	18 th June to 22 nd June(5days)
Periodic Test-2/HY	21 st Sept to 30 th Sept(6days)
Periodic Test-3	13 th Dec to 18 th Dec(5 days)
Preboard-1	18 th Jan to 27 th Jan(10 days)

Delhi Public School, Numaligarh
Projects/Subject Enrichment Activities:2024-25

Month	Activity	Objective/s	Details & Evaluation
May-2024	Physics practical as per CBSE syllabus (Group activity)	To enable students (a) gain hands on activities (b) conduct experiment, observe it carefully and draw logical conclusions.	Execution of Task : (a)Students will perform the given experiment and take observations. (b)Viva will be conducted.

		(c) identify various experimental apparatus used in lab	Rubrics for assessment : (a)Hands on practical- 5 marks (b) Viva-3 marks (c)File – 2 marks Values Imparted through the activity : (a)They will learn to work as a team. (b)They will develop scientific attitude.
Aug-2024	Science Project (Group activity)	To analyze a scientific occurrence with an invention/experiment. It gives students a great opportunity to relate nature with science and learn phenomenon /experiments outside of books and homework.	Execution of Task : Rubrics for assessment : (a)Originality – (b)Content – (c) Presentation-
Nov-2024	Chemistry practical as per CBSE syllabus (Group activity)	To enable students (a) gain hands on activities (b) conduct experiment, observe it carefully and draw logical conclusions. (c) identify various experimental apparatus used in lab	Execution of Task : (a)Students will perform the given experiment and take observations. (b)Viva will be conducted. Rubrics for assessment : (a)Hands on practical- 5 marks (b) Viva-3 marks (c)File – 2 marks Values Imparted through the activity : (a)They will learn to work as a team. (b)They will develop scientific attitude.
Feb-2025	Biology practical as per CBSE syllabus (Group activity)	To enable students (a)gain hands on activities (b) conduct experiment, observe it carefully and draw logical conclusions. (c) identify various experimental apparatus used in lab	Execution of Task : (a)Students will perform the given experiment and take observations. (b)Viva will be conducted. Rubrics for assessment : (a)Hands on practical- 5 marks (b) Viva-3 marks (c)File – 2 marks Values Imparted through the activity : (a)They will learn to work as a team. (b)They will develop scientific attitude.

Delhi Public School, Numaligarh

Class: X

Scheme of Work: 2024-2025

Sub: Social Science

S.N	Month	No. of ID	History	Economics	Geography	Political Science
1.	April 2024	08	Nationalism in India	Development	Chapter 1: Resource and development	Chapter 1: Power Sharing
2.	May 2024	25	Nationalism in India (contd.)	Development (Contd.)	Chapter 1: Resource and development Chapter 2: Forest and wildlife resources	Chapter 2 : Federalism
3.	June 2024	13	Rise of Nationalism in Europe	Sectors of the Indian Economy	Chapter 3: Water resources	Chapter 2: Federalism (contd.)
4.	July 2024	07	Rise of Nationalism in Europe (contd.)	Sectors of the Indian economy (Contd.)	Chapter 4: Agriculture	Chapter 2: Federalism (contd.)
5.	August 2024	25	Rise of Nationalism in Europe (contd.) The Making of a Global World	Money & credit	Chapter 4: Agriculture	Chapter 4: Gender, Religion and Caste
6.	September 2024	19	The Making of a Global World (contd.)	Money & Credit (Contd.)	Chapter 5: Minerals	Chapter 4: Gender, Religion and Caste. (contd.)
7.	October 2024	21	The Age of Industrialization	Globalisation & Indian Economy.	Chapter 6: Manufacturing industries	Chapter 6: Political Parties

8.	November 2024	20	The Age of Industrialization (contd.) Print Culture and the Modern World	Globalisation & Indian economy (contd.)	Chapter 7: Life lines of National Economy	Chapter 7: Outcomes of Democracy
9	December 2024	09	Print Culture and the Modern World (contd.)	Consumer rights or Social issues or Sustainable development.	Revision	Chapter 7: Outcomes of Democracy (contd.)
10.	January 2025	23	Revision/Pre-Board	Revision/Pre-Board	Revision/Pre-Board	Revision/Pre-Board
11.	February 2025	22	Revision/ AISSE	Revision/ AISSE	Revision/ AISSE	Revision/ AISSE

Portion for Assessments-(2024-2025)

Exam	History	Economics	Geography	Political Science
PT-1	Nationalism in India	Development	Chapter 1: Resource and development	Chapter 1: Power Sharing
PT-2	1.Nationalism in India 2.Rise of Nationalism in Europe	Development Sectors of Indian Economy	Chapter 2: Forest and wildlife resources Chapter 3: Water resources	Chapter 1: Power Sharing Chapter 2 : Federalism Chapter 4 Gender, Religion & caste
PT-3	The Age of Industrialization	Money and Credit	Chapter 4: Agriculture	Chapter 6: Political Parties
AISSE	Full Syllabus	Full Syllabus	Full Syllabus	Full Syllabus

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Class: X

Scheme of Work: 2024-'25

Sub: Artificial Intelligence (417)

S.N	Month	No. of ID	ORANGE AI Text Book
1	April-2024	8	Part – A Unit 1-Communication Skill <ul style="list-style-type: none">• Methods of Communication• Communication Cycle• Effective Communication• Basic writing Skill
2	May-2024	25	PYTHON BASICS Part – A Unit 2- Self Management Skill - II <ul style="list-style-type: none">• Stress Management and its Techniques• Ability to work Independently Unit 3- Information and Communication – II <ul style="list-style-type: none">• Operating System• Managing files and folders• Care and maintenance of a Computer
3	June-2024	15	PYTHON BASICS PART –B Unit – 1 Introduction to AI <ul style="list-style-type: none">• What is Intelligence• Decision Making• What is AI• Applications of AI
4	July-2024	13	PYTHON BASICS <ul style="list-style-type: none">• AI related terminologies• AI Domains

5	August-2024	24	PART – B Unit – 2 AI Project Cycle <ul style="list-style-type: none"> • Introduction • Problem Scoping • Data Acquisition • Data Exploration • Modeling • Evaluation
6	September-2024	19	AI Project cycle
7	October-2024	21	<div style="text-align: right;">PART – A</div> Unit – 4 Entrepreneurial Skill - II Entrepreneur and Entrepreneurship Unit 5-Green Skills - II Sustainable Development <div style="text-align: right;">PART – B</div> UNIT – 5 COMPUTER VISION <ul style="list-style-type: none"> • Applications of Computer Vision • Computer Vision Vs Human Vision • Concept of Computer Vision • Open CV • Convolution Operator • Convolution Neural Network UNIT – 3 Advance PYTHON <ul style="list-style-type: none"> • Jupiter Notebook • Virtual Environment • Features and applications of Python • Data Structure • Control Structure UNIT – 4 DATA SCIENCE <ul style="list-style-type: none"> • Data Science • Applications of Data Science • Data Collection • Data Access

8	November-2024	20	UNIT – 6 Natural Language Processing <ul style="list-style-type: none"> • Applications of NLP • Chatbot • Language Difference • Data Processing UNIT – 7 Evaluation <ul style="list-style-type: none"> • Model Evaluation • Confusion Matrix • Evaluation Method
9	December-2024	9	Basic Statistics with Python K-Nearest Neighbour Model
10	January-2025	23	Pre-Board Examination/Enrichment Classes
11	February-2025	22	Enrichment Classes/ Board examination
12	March-2025	19	Board examination

Portion for Assessments-2024-'25

Half Yearly Exam/PT-2	Part – A Unit 1-Communication Skill Part – A Unit 2- Self Management Skill - II PART –B Unit – 1 Introduction to AI PYTHON BASICS (Practical) PART – B Unit – 2 AI Project Cycle
Pre-Board Examination	Whole Syllabus
AISSE-2025	Whole Syllabus

Projects/Subject Enrichment Activities

Month	Activity	Objective/s
June-2024	<u>Python Program</u> <u>AI innovative idea</u>	<ul style="list-style-type: none"> ➤ Programming Concept ➤ Creative thinking
August-2024	AI Project Cycle	<ul style="list-style-type: none"> ➤ Understanding Needs of Data ➤ Ethical Concern
October-2024	Presentation on Entrepreneurial and Green Skill	<ul style="list-style-type: none"> ➤ Understanding need of Employability skills
November-December 2024	<u>Python Project</u>	<ul style="list-style-type: none"> ➤ Board Practical – Project and Report file.

Delhi Public School, Numaligarh

Class: X

Scheme of Work: 2024-25

Sub: Food Production

S.N	Month	No. of ID	Chapter	Practical
1.	March and April- 2024	21	Introduction to Cookery: <ul style="list-style-type: none"> • Aims and objectives of Cooking Food • Components of food 	
	May- 2024	25	Methods of Cooking: <ul style="list-style-type: none"> • Classification: <ul style="list-style-type: none"> o Dry o Moist o Medium of Fat o Principles of heat transfer Communication Skills: Methods of Communication: <ul style="list-style-type: none"> • Verbal Communication • Non-verbal Communication • Communication Cycle and Importance of Feedback 	Role Play on Communication Procedure : <ul style="list-style-type: none"> • Form groups with four students in each group. • The situation is that a student is Sales Executive at a toy store and he or she is supposed to communicate to customers about the various types of toys available with the store for different age group. • The other students will reach the Sales Executive one by one and ask different types of questions related to toys. • Develop a script for the role play and act on the same. • Discuss what you all learned from this activity
2.	June -2024	13	Barriers to Effective Communication : <ul style="list-style-type: none"> • Writing Skills — Parts of Speech • Writing Skills — Sentences Vegetable and Fruit Cookery: <ul style="list-style-type: none"> • Classification of Vegetables • Classification of Fruits • Cuts of Vegetables and Fruits 	Group-Practice on Public Speaking: <p>Material required Notebook, pen Procedure • Form groups with three students in each group. • Within the group, choose a topic for a short speech. For example, Importance of Punctuality, Healthy Food Habits, etc. • Each person should make a speech to the others in the group; who then give feedback based on whether the person was able to communicate properly. • One student from the group volunteers to give the same speech in front of the class.</p>
3.	July-2024	7	<ul style="list-style-type: none"> • Effects of heat on vegetables • Tips for preservation of nutrients while processing 	
4.	August-2024	25	Self-management Skills: <ul style="list-style-type: none"> • Stress Management • Self-awareness — Strength and Weakness Analysis 	Activity 1 SMART Goal or Not (Group Work) : Materials required: Pen, notepad or sheets of paper Procedure :

			<ul style="list-style-type: none"> • Self-motivation • Self-regulation — Goal Setting • Self-regulation — Time Management <p>Soups:</p> <ul style="list-style-type: none"> • Definition • Classification with examples • • Recipes for: <ul style="list-style-type: none"> o Vegetable Soup o Sweet corn soup o Indian soup - Tamatar shorba 	<ul style="list-style-type: none"> • Indicate whether the below mentioned goals are SMART or not. If they are SMART goals then tick mark against each aspect of SMART. Goals Specific (Yes or No) Measurable (Yes or No) Achievable (Yes or No) Realistic (Yes or No) Time bound (Yes or No) <p>I want to earn INR 1 crore in my first job. I want to become a teacher after my postgraduation. I want to travel to many places.</p> <p>Activity 2 Long-term Goals and Short-term Goals (Peer Feedback) :</p> <p>Material required :</p> <p>Pen, notepad or sheets of paper Procedure</p> <ul style="list-style-type: none"> • Form groups of four. Work individually in your group and complete the below table. Once completed, share with your group and seek feedback on your goals. Share your feedback when other members of the groups are presenting their goals. <p>Short-term Goals (What are your goals in the next 6 months to 2 years?) Long-term Goals (What are your goals in the next 5 years?)</p>
5.	September-2024	19	<p>Salad:</p> <ul style="list-style-type: none"> • Classification, Types of Salad • Parts of a salad: <ul style="list-style-type: none"> o Base o Body o Dressing o Garnish • Popular examples <p>Entrepreneurial Skills:</p> <ul style="list-style-type: none"> • Entrepreneurship and Society • Qualities and Functions of an Entrepreneur • Myths about Entrepreneurship • Entrepreneurship as a Career Option 	<p>1.Field Work:</p> <p>Let's be an Entrepreneur Procedure</p> <ul style="list-style-type: none"> • In this activity, students will find problems on their school campus that can be turned into business opportunities. Instructions <ol style="list-style-type: none"> 1. Form groups of 3 each. 2. Take 30 minutes to go around your school. 3. Note down 2–3 problems you see on your school campus. 4. Write down some business ideas to solve these problems in the table given below. 5. Also think about how your business ideas will help the school. <p>2.Interview an entrepreneur:</p> <p>Procedure</p>

				<ul style="list-style-type: none"> • In this activity, students will observe entrepreneurs at work, and speak to them and their employees about their work. Instructions 1. Identify an entrepreneur in your area that you like or know. 2. On a weekend, spend some time in their shop and note everything that they do. 3. After that, speak to the entrepreneur and ask them in detail what activities they do in a day. 4. Also speak to somebody who works for them. Ask them what activities they see the entrepreneur do in a day. 5. After you are back in class, make a list of all the actions you listed with your teacher. Compare your list with the list of your friends. Notice how many actions get repeated. Everyone in class would have spoken to different kinds of entrepreneurs. But, when you compare the responses you got to the responses your friends got, you will see that all entrepreneurs do some common activities. These activities are called functions. Function means working in a way. Functions of an entrepreneur
6.	October-2024	21	<p>Sandwiches:</p> <ul style="list-style-type: none"> • Introduction • Parts of sandwich o Bread o Spread o Filling • Types of Sandwich • Canapes <p>Green Skills:</p> <ul style="list-style-type: none"> • Sustainable Development • Our Role in Sustainable Development 	<p>Activity- 1</p> <p>Group Discussion Procedure :</p> <ul style="list-style-type: none"> • Form groups depending on the number of students available. • Every student will describe one way in which they can work to conserve and protect the environment. <ul style="list-style-type: none"> • Make a list and share it with the rest of the class. <p>Activity 2: Make art project using waste Material required Plastic bags, used bottles, papers cups, paper, wire, etc.</p>
7.	November-2024	20	<p>Information and Communication Technology Skills:</p> <ul style="list-style-type: none"> • Basic Computer Operations • Performing Basic File Operations • Computer Care and Maintenance • Computer Security and Privacy 	

8.	Dec-2024	09	Practical file work	
9.	Jan-2025	23	Practical file work/Revision	
10.	Feb-2025	22	Practical file work/Revision/Sample paper practice	
11.	March-2025	19	Revision	

Portion for Assessments-2024-25

Half Yearly Exam	<ul style="list-style-type: none"> • Introduction to Cookery: • Communication Skills: • Vegetable and Fruit Cookery • Self-management Skills • Soups • Salad • Entrepreneurial Skills:
Annual Exam	Full Syllabus