

# Delhi Public School, Numaligarh

Class: X

Scheme of Work: 2022-23

Sub: English

S.N	Month	No. of ID	First Flight	Footprints without Feet	Words and expression & Writing Skill and Grammar
1	Apr-2023	10	<b>Prose</b> 1.A Letter to God 2.Nelson Mandela: Long Walk to Freedom <b>Poetry</b> 1.Dust of Snow 2.Fire and Ice	1.Triumph of Surgery	Chapter 1 and 2
2	May-2023	25	<b>Prose</b> 3.Two Stories about Flying 4.From the Diary of Anne Frank <b>Poetry</b> 4.A Tiger in the Zoo 5.How to Tell Wild Animals 6.The Ball Poem	2.The Thief's Story 3.The Midnight Visitor	<b>Chapter 3,4</b> <b>Letter writing</b> Formal letter complaint / inquiry / placing order / letter to editor
3	June-2023	15	<b>Poetry</b> 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	06			Written work
5	Aug-2023	24	<b>A.First Flight</b> Prose 7.Glimpses of India 8.Mijbil the Otter 9.Madam Rides the Bus	6.The Making of a Scientist 7.The Necklace	Chapter 7 ,8,9 Analytical passage writing and Story writing.

			<b>Poetry</b> 9.The Trees		
6	<b>Sep-2023</b>	16	<b>Revision and ASL(SEA) will be done during this month</b>		
7	<b>Oct-2023</b>	20	<b>Prose</b> 10. The Sermon at Benares 11. The Proposal <b>Poetry</b> 9.Fog 10. The Tale of Custard the Dragon	9.Bholi 10. The Book that Saved the Earth Revision	Chapter 10& 11 Grammar(Application of): 5.Reporting (i) Commands and requests (ii) Statements (iii) Questions
8	<b>Nov-2023</b>	23			Grammar(Application of): 6. Clauses: (i) Noun clauses (ii) Adverb clauses (iii) Relative clauses
9	<b>Dec-2023</b>	09			Grammar(Application of): 7. Determiners 8. Prepositions
10	<b>Jan-2024</b>	21	Revision and preparing the students for Boards exam		
11	<b>Feb-2024</b>	24	<b>Revision</b>	<b>Revision</b>	<b>Revision</b>
12	<b>March-2023</b>	19	<b>Exam</b>		

**Text Books used 1. First Flight**

**2. Footprints without Feet**

**3. Words and Expressions-II**

**Portion for Assessments-2023-24**

<p><b>PT-1</b></p>	<p>1.A Letter to God 2.Nelson Mandela: Long Walk to Freedom 1.Dust of Snow 2.Fire and Ice 3.The Triumph Of Surgery</p>	<p>Unseen Comprehension/Letter writing</p>	<p>The grammar items may be tested through test types given below: 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>
<p><b>Half Yearly Exam Or PT-2</b></p>	<p><b>Prose</b> 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><b>Poetry</b> 1.Dust of Snow 2.Fire and Ice 3.A Tiger in the Zoo 4.How to Tell Wild Animals</p>	<p>Unseen Comprehension Letter writing Analytical Writing/story writing</p>	
<p><b>PT-3</b></p>	<p><b>A.First Flight</b> Prose 7.Glimpses of India 8.Mijbil the Otter 9.Madam Rides the Bus <b>Poetry</b> .The Trees Fog</p>		

<b>Pre Boards Exam</b>	Entire Syllabus for board exam in board pattern		
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**Delhi Public School, Numaligarh  
Projects/Subject Enrichment Activities**

<b>Month</b>	<b>Activity</b>	<b>Objective/s</b>	<b>Details &amp; Evaluation</b>
<b>Sep-2023</b>	<b>ASL</b>	<b>Assessment of speaking and listening skills</b>	<b>As per CBSE Guidelines</b>
<b>Dec/Jan-2023-24</b>	<b>ASL</b>	<b>Assessment of speaking and listening skills</b>	<b>As per CBSE guidelines</b>
<b>Projects</b>			
<b>June 2023</b>	<b>Project</b>	<b>SEA on Poems</b>	<b>Presentation, Fluency and language, Content, Written work</b>
<b>August 2023</b>	<b>Project</b>	<b>PPT/written work on Tea and its origin</b>	<b>Presentation, Fluency and language, Content, Written work</b>
<b>November 2023</b>	<b>Project</b>	<b>Making of a Scientist</b>	<b>Presentation, Fluency and language, Content, Written work</b>
<b>December 2023</b>	<b>Project</b>	<b>A place of interest nearby with its uniqueness</b>	<b>Presentation, Fluency and language, Content, Written work</b>

## Delhi Public School, Numaligarh

**Class: (X)**

**Scheme of Work: 2023-24'**

**Sub: Assamese - Code (014)**

S.N	Month	No. of ID	Axomia Sahitya Chayanika (Text Book) (Natun- Ditriva Bhag)	Rosona Bichitra (Grammar & Writing Skill)
1	April-2023	10	Prose: Axomor Janagosthir Gathani Aaru Sanskriti (Part 1)	<ul style="list-style-type: none"> <li>• Kal (Tense) , Dhatu (Root) and Personal Letter</li> </ul>
2	May-2023	25	Prose: Axomor Janagosthir Gathani Aaru Sanskriti (Part 2 ,3 & 4)	<ul style="list-style-type: none"> <li>• Report Writing , Official Letter</li> <li>• Sandhi ( Bisarga and Axomia ) &amp; Idioms and Phrases ( Sl. No. 6 &amp; 7)</li> <li>• Upasraga , Anusarga</li> </ul>
3	June-2023	15	Poetry: Bargeet Revision for PT-1	<ul style="list-style-type: none"> <li>• Story /Essay Writing (Adarshamulok)</li> </ul>
4	July-2023	06		<ul style="list-style-type: none"> <li>• Comprehension and Written work</li> </ul>
5	Aug-2023	25	Prose: Aranya Jatra Poetry: Prashasti	<ul style="list-style-type: none"> <li>• Proverb (Sl No.11 to 16)</li> <li>• Bakya Porivorttan (Simple, Complex &amp; Compound Sentence)</li> <li>• Idioms and Phrases (Sl. No. 8)</li> </ul>
6	Sep-2023	15	ASL (SEA) will be done during this month. Revision for PT-2/HYL	<ul style="list-style-type: none"> <li>• Written Work</li> </ul>
7	Oct-2023	20	Prose: Udyogi Howo Aaha (Part 1 ,2 & 3)	<ul style="list-style-type: none"> <li>• Xamarthak Xabdo (Synonyms) &amp; Opposite Words (Antonyms)</li> </ul>
8	Nov-2023	24	Prose: Udyogi Howo Aaha (Part 4,5 & 6)	<ul style="list-style-type: none"> <li>• Proverb (Sl. No. 17 to 20)</li> </ul>
9	Dec-2023	10	Poetry: Jikir Revision for PT-3	<ul style="list-style-type: none"> <li>• Comprehension and Revision</li> </ul>
10	Jan-2024	21	Revision, Doubt Clearing and preparing the students for Board Exam (2023-24') /Self Study	<ul style="list-style-type: none"> <li>• Sample paper(CBSE), Revision &amp; Assessment</li> </ul>
11	Feb-2024	25	ASL (SEA) will be done during this month. Doubt Clearing session.	<ul style="list-style-type: none"> <li>• Revision</li> </ul>

12	March-2024	19	AISE -2024	
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**Portion for Assessments-2023-24'**

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

<b>Pre - Boards Exam</b>	<b>Entire Syllabus for Board Exam in Board Pattern</b>	
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**Delhi Public School, Numaligarh  
Projects/Subject Enrichment Activities**

<b>Month</b>	<b>Activity</b>	<b>Objective/s</b>	<b>Details &amp; Evaluation</b>
<b>Project</b>			
<b>June-2023</b>	<b>Project</b>	PPT/ Model Making Socio-Economic and Cultural life of Assam	Presentation, Fluency and language, Content, Written work
<b>August-2023</b>	<b>Project</b>	PPT/Model Making on Kaziranga National Park – A World Heritage Centre	Presentation, Fluency and language, Content, Written work
<b>November-2023</b>	<b>Project</b>	PPT : Udyogi Howo Aaha Entrepreneurs, Great Scientists and Industrialists.	Presentation, Fluency and language, Content, Written work
<b>December-2023</b>	<b>Project</b>	Art Integrated Project ( CBSE )	Presentation, Fluency and language, Content, Written work
<b>ASL</b>			
<b>September 2023</b>	<b>ASL</b>	Assessment of speaking and listening skills	As per CBSE Guidelines
<b>January/Feb 2024</b>	<b>ASL</b>	Assessment of speaking and listening skills	As per CBSE Guidelines

# Delhi Public School, Numaligarh

Class : X

Scheme of Work: 2023 – 24

Sub: Hindi 2L

क्र. सं.	माह	अवधि	स्पर्श - 2	संचयन- 2	व्याकरण
1	April 2023	10	1. बड़े भाई साहब		1.अपठित गद्य 2.पदबंध
2	May 2023	25	2.साखी	1.हरिहर काका	3.रचना के आधार पर वाक्य रूपांतर 4. अनुच्छेद लेखन
3	June 2023	15	3. डायरी का एक पन्ना 4. मीरा के पद		4.सूचना - लेखन 5. पत्र (औपचारिक),
4	July 2023	6			6. अनुच्छेद लेखन 7. विज्ञापन 8.मुहावरे
5	August 2023	24	5. तताँरा वामीरो कथा		9. समास 10. लघु कथा लेखन
6	September 2023	16	6.मनुष्यता		11. ई- मेल



			पुनः अभ्यास ,परीक्षा		
7	October 2023	20	7.अब कहाँ दूसरे के दुख से दुखी होने वाले 8.पर्वत प्रदेश में पावस		
8	November 2023	23	9.पतझड़ में टूटी पत्तियाँ क) गिन्नी का सोना ख) झेन की देन 10.तोप 11.कर चले हम फ़िदा	2.सपनों के से दिन	
9	December 2023	9	12.कारतूस 13.आत्मव्राण	3.टोपी शुक्ला	
10	January 2024	21	Pre Board		
11	February 2024	19	Pre Board		
12	March 2024	10	परीक्षा		

\*\*नोट: निम्नलिखित पाठों से प्रश्न नहीं पूछे जाँगें-

बिहारी के दोहे , मधुर – मधुर मेरे दीपक जल, गिरगिट (स्पर्श पाठ्यपुस्तक)

**Delhi Public School, Numaligarh**

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.मीरा के पद 4. डायरी का एक पन्ना 5. तताँरा वामीरो कथा	1.हरिहर काका	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. मनुष्यता 7.अब कहाँ दूसरे के दुख से	2. सपनों के से दिन	1.अपठित गद्य 2. मुहावरे 3. समास

	दुखी होने वाले		4.सूचना – लेखन
Mock Exam	संपूर्ण पाठ्यक्रम: पाठ 1 से 13	पाठ 1 से 3	संपूर्ण व्याकरण संपूर्ण रचनात्मक लेखन संपूर्ण अपठित बोध

**Delhi Public School, Numaligarh**

**Class : X**

**Projects/Subject Enrichment Activity: 2023 – 24**

**Sub: Hindi 2L**

माह	क्रियाकलाप	उद्देश्य	मूल्यांकन
May 2023	श्रवण/ वाचन कौशल पर आधारित(व्यक्तिगत)	1.सुनकर अर्थ ग्रहण करने की क्षमता 2.अभिव्यक्ति का विकास	1. ग्राह्य क्षमता 2. सटीक उत्तर(भाषा, वाक्य रचना क्षमता ) 3. स्वतंत्र अभिव्यक्ति

		3.अर्थ ग्रहण कर उत्तर लिख पाना	4. आत्मविश्वास
<b>August 2023</b>	क्षेत्र भ्रमण (डायरी का एक पन्ना ,व्यक्तिगत)	<ol style="list-style-type: none"> <li>1. व्यावहारिक ज्ञान देना</li> <li>2. छात्रों को उनके पास के वातावरण एवं संस्कृति आदि से परिचय</li> <li>3. छात्रों को विभिन्न स्थलों तथा दृश्यों की सौंदर्यानुभूति कराकर वास्तविक अनुभव प्रदान करना</li> </ol>	<ol style="list-style-type: none"> <li>1. छात्रों की सहभागिता व विषयवस्तु में रूचि</li> <li>2. तथ्य संकलन</li> <li>3. अधिकतम जानकारी एकत्रित कर लेखन व प्रस्तुती</li> </ol>
<b>October 2023</b>	नाट्य मंचन (अब कहाँ दूसरे के दुख ..... <b>सामूहिक</b> )	<ol style="list-style-type: none"> <li>1. नाट्य शैली से परिचय</li> <li>2. ग्रहणशीलता की शक्ति का विकास</li> <li>3. अभिनय क्षमता का विकास</li> </ol>	<ol style="list-style-type: none"> <li>1.संवाद शैली</li> <li>2. अभिनय शैली</li> <li>3.सहभागिता व सक्रिय योगदान</li> <li>4. भाषा प्रयोग</li> <li>5. प्रस्तुतीकरण</li> </ol>
<b>November 2024</b>	कक्षा पत्रिका ( <b>सामूहिक</b> )	<ol style="list-style-type: none"> <li>1. जानकारी एकत्रित व संकलित करना</li> <li>2. कल्पनाशीलता व रचनात्मक का विकास</li> <li>3. संपादन क्षमता का विकास</li> </ol>	<ol style="list-style-type: none"> <li>1. प्रस्तुतीकरण (कलात्मक,चित्र, सुंदरता)</li> <li>2. कल्पनाशीलता</li> <li>3.क्रमबद्धता, सुसंबद्धता</li> </ol>

# Delhi Public School, Numaligarh

Scheme of Work: 2023-'24

Sub: Mathematics

Class: X

S.N	Month	No. of ID	NCERT Text Book
1	April-2023	10	<b>Unit 1-Number Systems</b> <b>Chapter-1:Real Numbers</b> Section-1: The fundamental theorem of arithmetic Section-2: Revisiting irrational numbers
2	May-2023	25	<b>Unit 2- Algebra</b> <b>Chapter-2: Polynomials</b> Section-1: Geometric meaning of the zeroes of a polynomial Section-2: Relationship between zeroes and coefficients of a polynomial <b>Chapter-3: Pair of Linear Equations in Two Variables</b> 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"><li>• Substitution method</li><li>• Elimination method</li></ul> <b>Chapter-4: Quadratic Equations</b> Section-1: Quadratic equations Section-2: Solution of a quadratic equation by factorization Section-3: Nature of roots
3	June-2023	15	<b>Chapter-5: Arithmetic Progressions</b> Section-1: Arithmetic progressions Section-2: $n^{\text{th}}$ term of an AP Section-3: sum of first n terms of an AP <b>Revision for PT-1</b>
4	July-2023	06	<b>Unit 3- Geometry</b> <b>Chapter-6: Triangles</b> Section-1: Similar figures Section-2: Similarity of triangles

5	August-2023	24	<b>Chapter-6: Triangles (contd.)</b> Section-3: Criteria for similarity of triangles <b>Unit 4- Coordinate Geometry</b> <b>Chapter-7: Coordinate Geometry</b> Section-1: Distance formula Section-2: Section formula <b>Unit 5- Trigonometry</b> <b>Chapter-8: Introduction To Trigonometry</b> Section-1: Trigonometric ratios Section-2: Trigonometric ratios of some specific angles Section-3: Trigonometric identities
6	September-2023	16	<b>Chapter-9: Some Applications of Trigonometry</b> Section-1: Heights and distances <b>Revision for HY/PT-2</b>
7	October-2023	20	<b>Geometry (contd.)</b> <b>Chapter-10: Circles</b> Section-1: Tangents to a circle Section-2: Number of tangents from a point on a circle <b>Unit 6-Mensurations</b> <b>Chapter-11: Areas Related To Circles</b> Section-1: Areas of sector and segment of a circle
8	November-2023	23	<b>Chapter-12: Surface Areas And Volumes</b> Section-1: Surface area of a combination of solids Section-2: Volume of a combination of solids <b>Unit 7-Statistics and Probability</b> <b>Chapter-13: Statistics</b> Section-1: Mean of grouped data Section-2: Mode of grouped data Section-3: Median of grouped data
9	December-2023	9	<b>Chapter-14: Probability</b> Section-1: Probability- a theoretical approach <b>Revision for PT-3</b>
10	January-2024	21	<b>Pre-Board Examination/Enrichment Classes</b>
11	February-2024	24	<b>Enrichment Classes/ Board examination</b>

12	March-2024	19	Board examination
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**Portion for Assessments-2023-'24**

<b>PT-1</b>	Chapter-1: Real Numbers Chapter-2: Polynomials Chapter-3: Pair of Linear Equations in Two Variables Chapter-4: Quadratic Equations Chapter-5: Arithmetic Progressions
<b>Half Yearly Exam/PT-2</b>	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
<b>PT-3</b>	Chapter-10: Circles Chapter-11: Areas Related To Circles Chapter-12: Surface Areas And Volumes Chapter-13: Statistics Chapter-14: Probability
<b>Pre-Board Examination</b>	<b>Whole Syllabus</b>
<b>AISSE-2024</b>	<b>Whole Syllabus</b>

**Projects/Subject Enrichment Activities**

Month	Activity	Objective/s	Details & Evaluation
<b>June-2023</b>	<u>Lab Activity:</u> Arithmetic progression	➤ To verify that the sum of the first n natural numbers is $n(n+1)/2$ .	<b>1. Lab Ethics (5 marks)</b> (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) <b>2. Performance of activity (5 marks)</b>
<b>August-2023</b>	<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.	(i) Able to explain concept correctly after completion (5)  or complete activity in the class independently (5)
<b>October-2023</b>	<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.	(ii) Takes help and complete the task (4) (iii) Works independently but not able to complete (3)  (iv) Tries to perform hands on the lab (2) (v) Just initiate the task allotted (1)
<b>November-2023</b>	<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 $\pi r^2/2$ .	<b>3. File record (5 marks)</b> (i) Index/cover (1) (ii) Neatness (1) (iii) Submits on time (1) (iv) Regularly brings file (1) (v) Does correction (1) <b>(Total 15 marks to be converted to 5 marks for evaluation of each activity)</b>
<b>*Art integrated project will replace one of the subject enrichment activities in Mathematics.</b>			

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## Delhi Public School, Numaligarh

Class: X

Scheme of Work: 2023-2024

Subject: Science

S.N	Month	No of ID	Physics	Chemistry	Biology
1	April 2023	10	Chapter- 10 : Light - Reflection and Refraction	Chapter-1 : chemical reactions and equations	Chapter-6 Life Processes.
2	May 2023	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	June 2023	15	Chapter – 11: Human Eye and the Colourful World.	Chapter-2: cont'd with practicals and activities	Chapter -7 Cont'd Control and co-ordination. *Practical & activities.
4	July 2023	6	Chapter – 11: Cont'd with practicals and activities.	Chapter-3: Metals and non-metals	Chapter-8 How do organisms reproduce?
5	August 2023	23	Chapter-12:Electricity	Chapter-3: cont'd with practicals and activities.	Chapter-8 Cont'd How do organisms reproduce?
6	September 2023	15	Chapter -12: Cont'd with practicals and activities.	Chapter-4: Carbon and its compounds	Chapter-9 Heredity and Evolution *Practical & activities.

7	October 2023	20	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 2023	23	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 2023	9	Revision	PB-I + revision	PB-I + revision
10	January 2024	21	Revision	PB-II + revision	PB-II
11	February 2024	24	Revision / Self Study	Preparatory leave/AISSE2024	Revision/Self study/AISSE2024
12	March 2024	19	Board exam	AISSE2024	AISSE2024

**Delhi Public School, Numaligarh**  
**Portion for Assessments : 2023-24**

**Class-X**

Examinations	Physics	Chemistry	Biology
PT-1	Chapter 10 : Light - Reflection and Refraction	Chapter-1: Chemical reactions and equations.	Chapter-6: Life Processes

		Chapter2: Acids , bases and salts(50%)	
Half yearly /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 , Carbon and its compounds.	Chapter-8,9: How do organisms reproduce, Heredity and Evolution
PB-I and II	Chapters 10,11,12,13,14 ( Full Syllabus )	Chapters 1,2,3,4 (full syllabus)	Chapters 6,7,8,9,15, (Full Syllabus)
AISSE - 2024	Full Syllabus	Full syllabus	Full Syllabus

## Projects/Subject Enrichment Activities:2022-23

Month	Activity	Objective/s	Details & Evaluation
May-2023	Physics practical as per CBSE syllabus (Group activity)	<b>To enable students</b> (a) gain hands on activities (b) conduct experiment, observe it carefully and draw logical conclusions. (c) identify various experimental apparatus used in lab	<b>Execution of Task :</b> (a)Students will perform the given experiment and take observations. (b)Viva will be conducted. <b>Rubrics for assessment :</b> (a)Hands on practical- 5 marks (b) Viva-3 marks (c)File – 2 marks <b>Values Imparted through the activity :</b> (a)They will learn to work as a team. (b)They will develop scientific attitude.
Aug-2023	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.	<b>Execution of Task :</b> <b>Rubrics for assessment :</b> (a)Originality – (b)Content – (c) Presentation-
Nov-2023	Chemistry practical as per CBSE syllabus (Group activity)	<b>To enable students</b> (a) gain hands on activities (b) conduct experiment, observe it carefully and draw logical conclusions. (c) identify various experimental apparatus used in lab	<b>Execution of Task :</b> (a)Students will perform the given experiment and take observations. (b)Viva will be conducted. <b>Rubrics for assessment :</b> (a)Hands on practical- 5 marks (b) Viva-3 marks (c)File – 2 marks <b>Values Imparted through the activity :</b> (a)They will learn to work as a team. (b)They will develop scientific attitude.
Feb-2024	Biology practical as per CBSE syllabus (Group activity)	<b>To enable students</b> (a)gain hands on activities (b) conduct experiment, observe it carefully and draw logical conclusions. (c) identify various experimental apparatus used in lab	<b>Execution of Task :</b> (a)Students will perform the given experiment and take observations. (b)Viva will be conducted. <b>Rubrics for assessment :</b> (a)Hands on practical- 5 marks (b) Viva-3 marks (c)File – 2 marks <b>Values Imparted through the activity :</b> (a)They will learn to work as a team. (b)They will develop scientific attitude.

# Delhi Public School, Numaligarh

Class: X

Scheme of Work: 2023-2024

Sub: Social Science

S.N	Month	No. of ID	History	Economics	Geography	Political Science
1.	April 2023	10	Nationalism in India	Development	Chapter 1: Resource and development	Chapter 1: Power Sharing
2.	May 2023	25	Nationalism in India (contd.)	Development (Contd.)	Chapter 1: Resource and development Chapter 2: Forest and wildlife resources	Chapter 2 : Federalism
3.	June 2023	15	Rise of Nationalism in Europe	Sectors of the Indian Economy	Chapter 3: Water resources	Chapter 2: Federalism (contd.)
4.	July 2023	06	Rise of Nationalism in Europe (contd.)	Sectors of the Indian economy (Contd.)	Chapter 4: Agriculture	Chapter 2: Federalism (contd.)
5.	August 2023	24	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 2023	16	The Making of a Global World (contd.)	Money & Credit (Contd.)	Chapter 5: Minerals	Chapter 4: Gender, Religion and Caste. (contd.)
7.	October 2023	20	The Age of Industrialization	Globalisation & Indian Economy.	Chapter 6: Manufacturing industries	Chapter 6: Political Parties

8.	November 2023	23	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 2023	09	Print Culture and the Modern World (contd.)	Consumer rights or Social issues or Sustainable development. Project work : submission on 9/12/23	Revision	Chapter 7: Outcomes of Democracy (contd.)
10.	January 2024	21	Revision	Revision	Revision	Revision/Pre-Board
11.	February 2024	24	Revision	Revision	Revision	Revision
12.	March 2024	19	AISSE		AISSE	AISSE

## Portion for Assessments-(2023-2024)

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

## Delhi Public School, Numaligarh

Class: X (A, B)

Scheme of Work: 2023

Sub: Home Science

S.N	Month	No. of ID	Chapter	Activity
1.	April -2023	10	<b>Unit I- Human Growth and Development</b> a. Play (0 -5 years), role of play in growth and development of children, types of play,- active, passive, natural, serious and exploratory, select ion of play material for children	1. Make a suitable play material for a child between birth to 3 years
2.	May-2023	25	b. Features of childhood – Age specific milestones: Physical development, motor development, social development, emotional development, language development, cognitive development c. Features of adolescents- Physical, emotional, social, cognitive and language	2. List five areas of agreement and disagreement each of self with: a. Parent, Sibling, Friends
3.	June-2023	15	<b>Unit II - Management of resources – Time , energy and money</b> a. Time management- definition and importance b. Time Plans: Factors affecting time plan c. Energy management – Definition and importance d. Fatigue and work simplification e. Family income and types : Expenditure and importance of saving and investment schemes.	3. Prepare a time plan for self ( for a day)
4.	July-2023	06	<b>Unit III – Food and personal hygiene</b> a) Principles of hygienic handling and serving of food b) Hygiene in kitchen c) Personal hygiene of food handler d) Hygiene during food storage	
5.	August-2023	23	<b>Unit IV: Meal planning</b> a) Concept of meal planning b) Factors affecting meal planning – age, sex, climate, occupation, cost of food items, number of family members,	4. Plan a balanced meal for self ( adolescent)



			occasion, availability of food, family traditions, likes and dislikes c) Basic food group given by ICMR d) Use of food groups in planning balanced meal for self and family	
6.	September-2023	15	<b>Unit V- Food Safety and Consumer Education</b> a) Problems faced by Consumer: Price variation, poor quality, faulty weights and measures, non-availability of goods, misleading information, lack of standard products b) Food adulteration : Concept, adulterants ( metanil yellow,, Argemone, Kesari dal) and harmful effects of these adulterants on human health. c) Food Safety Standards – FSSAI, (2006) d) Consumer Education – Consumer Rights and Responsibilities	5. List five malpractices you have observed in the market. 6. Undertake a market survey and collect 5 food labels ( FSSAI, AGMARK, ISI), analyse them and illustrate the labels 7. Illustrate one label each of any three items bearing ISI, FSSAI, Agmark
7.	October-2023	20	<b>Unit VI- Care and Maintenance of fabrics and Apparel</b> a) Cleaning and finishing agents used in routine care of clothes b) Stain removal c) Storage of cotton, silk, wool and synthetics.	8. To remove stains from various samples.
8.	November-2023	23	Revision, PB-I	
9.	December-2023	09	Revision, PB-II	
10	January-2024	21	Revision, PB-III	
11	February-2024	24	Self study at home/hostel	
12.	March -2024	19	Board Exam	

# Delhi Public School, Numaligarh

Scheme of Work: 2023-'24

Sub: Artificial Intelligence (417)

Class: X

S.N	Month	No. of ID	KIPS AI Text Book
1	April-2023	10	<b>Part – A Unit 1-Communication Skill</b> <ul style="list-style-type: none"><li>• Methods of Communication</li><li>• Communication Cycle</li><li>• Effective Communication</li><li>• Basic writing Skill</li></ul>
2	May-2023	25	<b>PYTHON BASICS</b> <b>Part – A Unit 2- Self Management Skill - II</b> <ul style="list-style-type: none"><li>• Stress Management and its Techniques</li><li>• Ability to work Independently</li></ul> <b>Unit 3- Information and Communication – II</b> <ul style="list-style-type: none"><li>• Operating System</li><li>• Managing files and folders</li><li>• Care and maintenance of a Computer</li></ul>
3	June-2023	15	<b>PYTHON BASICS</b> <b>PART –B Unit – 1 Introduction to AI</b> <ul style="list-style-type: none"><li>• What is Intelligence</li><li>• Decision Making</li><li>• What is AI</li><li>• Applications of AI</li></ul>
4	July-2023	06	<b>PYTHON BASICS</b> <ul style="list-style-type: none"><li>• AI related terminologies</li><li>• AI Domains</li></ul>

5	August-2023	24	<p><b>PART – B Unit – 2 AI Project Cycle</b></p> <ul style="list-style-type: none"> <li>• Introduction</li> <li>• Problem Scoping</li> <li>• Data Acquisition</li> <li>• Data Exploration</li> <li>• Modeling</li> <li>• Evaluation</li> </ul>
6	September-2023	16	<p><b>AI Project cycle</b></p>
7	October-2023	20	<p style="text-align: right;"><b>PART – A</b></p> <p><b>Unit – 4 Entrepreneurial Skill - II</b> Entrepreneur and Entrepreneurship</p> <p><b>Unit 5-Green Skills - II</b> Sustainable Development</p> <p style="text-align: right;"><b>PART – B</b></p> <p><b>UNIT – 5 COMPUTER VISION</b></p> <ul style="list-style-type: none"> <li>• Applications of Computer Vision</li> <li>• Computer Vision Vs Human Vision</li> <li>• Concept of Computer Vision</li> <li>• Open CV</li> <li>• Convolution Operator</li> <li>• Convolution Neural Network</li> </ul> <p><b>UNIT – 3 Advance PYTHON</b></p> <ul style="list-style-type: none"> <li>• Jupiter Notebook</li> <li>• Virtual Environment</li> <li>• Features and applications of Python</li> <li>• Data Structure</li> <li>• Control Structure</li> </ul>

			<b>UNIT – 4 DATA SCIENCE</b> <ul style="list-style-type: none"> <li>• Data Science</li> <li>• Applications of Data Science</li> <li>• Data Collection</li> <li>• Data Access</li> </ul>
8	November-2023	23	<b>UNIT – 6 Natural Language Processing</b> <ul style="list-style-type: none"> <li>• Applications of NLP</li> <li>• Chatbot</li> <li>• Language Difference</li> <li>• Data Processing</li> </ul> <b>UNIT – 7 Evaluation</b> <ul style="list-style-type: none"> <li>• Model Evaluation</li> <li>• Confusion Matrix</li> <li>• Evaluation Method</li> </ul>
9	December-2023	9	<b>Basic Statistics with Python</b> <b>K-Nearest Neighbour Model</b>
10	January-2024	21	<b>Pre-Board Examination/Enrichment Classes</b>
11	February-2024	24	<b>Enrichment Classes/ Board examination</b>
12	March-2024	19	<b>Board examination</b>

**Portion for Assessments-2023-'24**

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 PART – B Unit – 2 AI Project Cycle
Pre-Board Examination	Whole Syllabus
AISSE-2024	Whole Syllabus

**Projects/Subject Enrichment Activities**

Month	Activity	Objective/s
June-2023	<u>Python Program</u> <u>AI innovative idea</u>	➤ Programming Concept ➤ Creative thinking

<b>August-2023</b>	AI Project Cycle	<ul style="list-style-type: none"> <li>➤ Understanding Needs of Data</li> <li>➤ Ethical Concern</li> </ul>
<b>October-2023</b>	Presentation on Entrepreneurial and Green Skill	<ul style="list-style-type: none"> <li>➤ Understanding need of Employability skills</li> </ul>
<b>November-2023</b>	<u>Python Project</u>	<ul style="list-style-type: none"> <li>➤ Board Practical – Project and Report file.</li> </ul>

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