

# Delhi Public School, Numaligarh

Class: IX Scheme of Work: 2023-24

Sub: English

S.N	Month	No. of ID	Beehive	Moments	Words & Expressions-I (Workbook)
1	Apr-2023	10	<ul style="list-style-type: none"><li>The Fun They Had</li></ul>	<ul style="list-style-type: none"><li>The Lost Child</li></ul>	<ul style="list-style-type: none"><li>Short Story Writing</li><li>Sentence Reordering</li></ul> Chapters 1,2
2	May-2023	25	<ul style="list-style-type: none"><li>The Road Not Taken</li><li>The Sound of Music:i)Evelyn Glennie ii)Bismillah Khan</li><li>Wind</li></ul>		<ul style="list-style-type: none"><li>Tenses</li><li>Gap filling</li></ul> Chapters 3,4
3	June-2023	15	<ul style="list-style-type: none"><li>The Little Girl</li></ul>	<ul style="list-style-type: none"><li>The Adventures of Toto</li></ul>	<ul style="list-style-type: none"><li>Modals</li><li>Editing /Omission</li></ul> Chapters 5,6
4	July-2023	06	<ul style="list-style-type: none"><li>Rain on the Roof</li></ul>	<ul style="list-style-type: none"><li>Iswaran the Storyteller</li></ul>	<ul style="list-style-type: none"><li>Determiners</li></ul> Chapters 7,8
5	Aug-2023	24	<ul style="list-style-type: none"><li>The Lake Isle of Innisfree</li><li>A Truly Beautiful Mind</li></ul>	<ul style="list-style-type: none"><li>In The Kingdom of Fools</li></ul>	<ul style="list-style-type: none"><li>Descriptive Paragraph Writing on person,place,event</li></ul> Chapters 8,9
6	Sep-2023	16	<ul style="list-style-type: none"><li>A Legend of the Northland</li><li>The Snake and the Mirror</li></ul>	<ul style="list-style-type: none"><li>The Happy Prince</li></ul>	<ul style="list-style-type: none"><li>Subject- Verb Concord</li></ul> Revision Chapters 10,11
7	Oct-2023	20	<ul style="list-style-type: none"><li>My Childhood</li><li>No Men Are Foreign</li></ul>		<ul style="list-style-type: none"><li>Sentences</li></ul>
8	Nov-2023	23	<ul style="list-style-type: none"><li>Reach for the Topi)Santosh Yadav ii) Maria Sharapova</li></ul>	<ul style="list-style-type: none"><li>The Last Leaf</li></ul>	<ul style="list-style-type: none"><li>Diary writing</li></ul>

9	Dec-2023	09	<ul style="list-style-type: none"> <li>On Killing a Tree</li> </ul>	<ul style="list-style-type: none"> <li>A House is not a Home</li> </ul>	<ul style="list-style-type: none"> <li>Reporting</li> </ul>
10	Jan-2024	24	<ul style="list-style-type: none"> <li>Kathmandu</li> <li>A Slumber Did My Spirit Seal</li> </ul>		<ul style="list-style-type: none"> <li>Determiners (Revision)</li> </ul>
11	Feb-2024	19	<ul style="list-style-type: none"> <li>If I Were You</li> </ul>	<ul style="list-style-type: none"> <li>The Beggar</li> </ul> <b>Revision</b>	<b>Revision</b>
12	March-2024	10	<b>Revision</b>	<b>Revision</b>	<b>Revision</b>

**Text Books used: 1. Beehive**

**2. Moments**

**3. Words and Expressions-I**

**Portion for Assessments-2023-2024**

<b>PT-1</b>	<ul style="list-style-type: none"> <li>The Fun They Had</li> <li>The Lost Child</li> <li>The Road Not Taken</li> <li>The Sound of Music:i)Evelyn Glennie ii)Bismillah Khan</li> </ul>		Sentence Reordering,Tenses,Story Writing
<b>Half Yearly Exam/PT-2</b>	<ul style="list-style-type: none"> <li>The Little Girl</li> <li>Rain on the Roof</li> <li>A Truly Beautiful Mind</li> <li>Wind</li> <li>The Adventures of Toto</li> <li>Lake Isle of Innisfree</li> <li>Iswaran the Storyteller</li> <li>In the Kingdom of Fools</li> </ul>		Modals,Voice,Subject-verb Concord, Editing/Omission,Informal Letter Writing (PT-I Portion included),

<p style="text-align: center;"><b>PT-3</b></p>	<ul style="list-style-type: none"> <li>• My Childhood</li> <li>• No Men Are Foreign</li> <li>• Reach for the Topi)Santosh Yadav ii) Maria Sharapova</li> <li>• On Killing a Tree</li> </ul>		<p>Reporting,Sentences, Gap filling Descriptive Paragraph Writing</p>
<p style="text-align: center;"><b>Annual Exam</b></p>	<ul style="list-style-type: none"> <li>• Kathmandu</li> <li>• A Slumber Did My Spirit Seal</li> <li>• If I Were You</li> <li>• The Happy Prince</li> <li>• The Last Leaf</li> <li>• A House is not a Home</li> <li>• The Accidental Tourist</li> <li>• The Beggar</li> </ul> <p style="text-align: center;">(PT-I,PT-2&amp; PT-3 Portion Included)</p>		<p>Clause,Determiners,Prepositions,Gap filling,Editing/Omission,Sentence Reordering, Diary Writing (PT-I,PT-2&amp; PT-3 Portion Included)</p>

**Delhi Public School, Numaligarh  
Projects/Subject Enrichment Activities**

Month	Activity	Objective/s	Details & Evaluation
May-2023	Group Discussion	Speaking Skills	Group Activity:language/clarity/expressing opinions/presentation
Aug-2023	Creative Writing	Writing Skills	Individual Activity:content/language/grammar/coherence

Nov-2023	Comprehension	Reading Skills	Individual Activity:understanding/expression
Feb-2024	ASL	Speaking & Listening Skills	Individual Activity:listening/understanding

# Delhi Public School, Numaligarh

Scheme of Work: 2023-24'

Class: (IX)

Sub: Assamese- Code (014)

S.N	Month	No. of ID	Axomia Sahitya Chayanika (Text Book)	Rosona Bichitra (Grammar & Writing Skills)
1	April-2023	10	Prose : Anyar Prati Byabahar (Part 1)	<ul style="list-style-type: none"><li>• Noun (Bixeshya)</li></ul>
2	May-2023	25	Prose: Anyar Prati Byabahar (Part 2, 3 & 4) Poetry : Manab Bandana	<ul style="list-style-type: none"><li>• Adjective (Bixexon) , Sandhi (Swara)</li><li>• Idioms &amp; Phrases ( Sl.No. 1 &amp; 2)</li><li>• Report Writing.</li></ul>
3	June-2023	15	Revision for PT-1 ASL (SEA) will be done during this month.	<ul style="list-style-type: none"><li>• Pronoun (Xorbanam)</li><li>• Story/Essay Writing (Jibonimulak)</li></ul>
4	July-2023	06		<ul style="list-style-type: none"><li>• Verb: Transitive and Intransitive and Comprehension</li></ul>
5	Aug-2023	25	Poetry: Prasanda Dhumuhai Prosno Korile Mok Prose : Anddha Biswas Aaru Ku-Xongskar (Part:1 ,2 & 3)	<ul style="list-style-type: none"><li>• Sandhi (Byanjan)</li><li>• Proverb (Sl.No.1 to 5), Bhab Xampraxaron (From Rosoana Bichitra)</li><li>• Idioms &amp; Phrases ( Sl.No. 3 &amp; 4)</li></ul>
6	Sep-2023	15	Revision for PT-2/HYL	<ul style="list-style-type: none"><li>• Comprehension</li><li>• Previous Year Question Paper</li></ul>
7	Oct-2023	20	Prose : Anddha Biswas Aaru Ku-Xongskar (Part: 4, 5 & 6)	<ul style="list-style-type: none"><li>• Gender, Bosan (Number: Singular and Plural)</li><li>• Bhab Xampraxaron (From Rosoana Bichitra)</li></ul>
8	Nov-2023	24	Prose: Bharatar Boichitrar Majat Oikya	<ul style="list-style-type: none"><li>• Conjunction (Abyay)</li><li>• Idioms &amp; Phrases (Sl.No. 5)</li><li>• Proverb (Sl.No. 6 , 7 &amp; 8)</li></ul>
9	Dec-2023	10	Revision for PT-3	<ul style="list-style-type: none"><li>• Revision</li></ul>
10	Jan-2024	21	Poetry: Mur Desh	<ul style="list-style-type: none"><li>• Comprehension</li><li>• Proverb (Sl.No. 9 &amp; 10)</li></ul>
11	Feb-2024	25	ASL (SEA) will be done during this month. Revision and preparing students for Annual Exam (2024)/ Doubt Clearing.	<ul style="list-style-type: none"><li>• Comprehension</li><li>• Previous Year Question Paper , Assessment &amp; Revision</li></ul>
12	March-2024	19	Annual Exam-2024	<ul style="list-style-type: none"><li>• Whole Syllabus</li></ul>

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

<b>PT-1</b>	<ul style="list-style-type: none"> <li>• Prose: Anyar Prati Byabahar</li> <li>• Poetry : Manab Bandana</li> </ul>	<ul style="list-style-type: none"> <li>• Comprehension.</li> <li>• Noun, Adjective, Pronoun.</li> <li>• Sandhi (Swara Sandhi)</li> <li>• Story / Essay Writing &amp; Report Writing.</li> <li>• Idioms and Phrases (Sl.No. 1 &amp; 2)</li> </ul>
<b>Half Yearly Exam/ PT-2</b>	<ul style="list-style-type: none"> <li>• Prose: Anyar Prati Byabahar</li> <li>• Prose : Anddha Biswas Aaru Ku-Xongskar (Part:1 ,2 &amp; 3)</li> <li>• Poetry :Manab Bandana</li> <li>• Poetry: Prasanda Dhumuhai Prosno Korile Mok</li> </ul>	<ul style="list-style-type: none"> <li>• Comprehension.</li> <li>• Noun, Adjective, Pronoun &amp; Verb.</li> <li>• Sandhi (Swara Sandhi &amp; Byanjan)</li> <li>• Story /Essay Writing, Report Writing, Proverb (Sl. No. 1 to 5) and Bhab Xompraxaron,</li> <li>• Idioms &amp; Phrases (Sl.No. 1 to 4 )</li> </ul>
<b>PT-3</b>	<ul style="list-style-type: none"> <li>• Prose : Anddha Biswas Aaru Ku-Xongskar</li> <li>• Prose: Bharatar Boichitrar Majat Oikya</li> </ul>	<ul style="list-style-type: none"> <li>• Comprehension</li> <li>• Abyaya , Bosan .</li> <li>• Bhab Xomproxaron, Story Writing / Proverb (6, 7 &amp; 8)</li> <li>• Idioms &amp; Phrases (Sl.No. 4 &amp; 5)</li> </ul>
<b>Annual Exam</b>	<b>Entire Syllabus for Annual Exam in Board Pattern</b>	<ul style="list-style-type: none"> <li>• Whole Syllabus</li> </ul>

**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>	<b>Creative Writing: Self composed Poem, Story, Short Story , Anu Golpa etc.</b>	<b>Presentation,Fluency and language,Content,Written work</b>
<b>August-2023</b>	<b>Project</b>	<b>PPT/ Art Work: Dr Bhupen Hazarika: The Brad of Bhamputra (Movies, Awards and Samadhi Khetra)</b>	<b>Presentation,Fluency and language,Content,Written work</b>
<b>November-2023</b>	<b>Project</b>	<b>Model Making: Unity in Diversity</b>	<b>Presentation,Fluency and language,Content,Written work</b>
<b>December-2023</b>	<b>Project</b>	<b>Art Integrated Project (CBSE)</b>	<b>Presentation,Fluency and language,Content,Written work</b>
<b>ASL</b>			
<b>September-2023</b>	<b>ASL</b>	<b>Assessment of speaking and listening skills</b>	<b>As per CBSE Guidelines</b>
<b>January/Feb 2024</b>	<b>ASL</b>	<b>Assessment of speaking and listening skills</b>	<b>As per CBSE Guidelines</b>

# Delhi Public School, Numaligarh

Class : IX

Scheme of Work: 2023 – 24

Sub: Hindi

क्र. सं.	मास	अवधि	स्पर्श - 1	संचयन-1	व्याकरण
1	April 2023	10	1. दुख का अधिकार		1.अपठित गद्य
2	May 2023	25	2. रैदास के पद	1.गिद्ध	2. अनुच्छेद लेखन 3.शब्द और पद 4.अनुस्वार, अनुनासिक
3	June 2023	15	3. एवरेस्ट : मेरी शिखर यात्रा		5. उपसर्ग एवं प्रत्यय
4	July 2023	56			6. स्वर संधि 7. विराम चिह्न
5	August 2023	24	4. तुम कब जाओगे ,अतिथि	2. स्मृति	8.. पत्र (अनौपचारिक) 9. अर्थ की दृष्टि से वाक्य भेद
6	September 2023	16	पुनः अभ्यास		10. चित्र वर्णन 11.संवाद लेखन
7	October 2023	20	5.वैज्ञानिक चेतना के वाहक - सी वी रमन		



8	November 2023	23	6.रहीम के दोहे 7. गीत - अगीत	3.मेरा निजि पुस्तकालय	
9	December 2023	09	8. अग्नि पथ		
10	January 2024	21	9. शुक्रतारे के समान		
11	February 2024	24	10. क) नए इलाके में ख) खुशबू रचते हैं हाथ	4. कलू कुम्हार की उनाकोटी	
12	March 2024	19	परीक्षा		

**\*\*नोट:** निम्नलिखित पाठों से प्रश्न नहीं पूछे जाएँगे।

धर्म की आड़,आदमीनामा, एक फूल की चाह(स्पर्श): हामिद खान, दिये जल उठे(संचयन)

# Delhi Public School, Numaligarh

Class : IX

Portion for Assessment: 2023 – 24

Sub: Hindi

मूल्यांकन	स्पर्श 1	संचयन 1	व्याकरण
PT 1	1.दुख का अधिकार 2.रैदास के पद		1.अपठित गद्य 2. अनुच्छेद लेखन 3. शब्द और पद 4.अनुस्वार, अनुनासिक
Halfyearly Exam/PT2	1. दुख का अधिकार 2. रैदास के पद 3. एवरेस्ट : मेरी शिखर यात्रा 4.तुम कब जाओगे ,अतिथि	1.गिहू	1.अपठित गद्य ,2.अनुच्छेद लेखन 3. शब्द और पद,4.अनुस्वार, अनुनासिक 5. उपसर्ग एवं प्रत्यय,6. स्वर संधि 7. विराम चिह्न 8. पत्र (अनौपचारिक) 9. अर्थ की दृष्टि से वाक्य भेद 10. चित्र वर्णन 11.संवाद लेखन

<b>PT 3</b>	5. वैज्ञानिक चेतना के वाहक - सी वी रमन 6. रहीम के दोहे	2.स्मृति	1.अपठित गद्य 2. अर्थ की दृष्टि से वाक्य भेद , 3.स्वर संधि 4. संवाद लेखन
<b>Annual Exam</b>	संपूर्ण पाठ्यक्रम: पाठ 1 से 10	पाठ 1 से 4	संपूर्ण व्याकरण संपूर्ण रचनात्मक लेखन अपठित बोध

### Delhi Public School, Numaligarh

**Class : IX Projects/Subject Enrichment Activity: 2023 – 24 Sub: Hindi**

माह	क्रियाकलाप	उद्देश्य	विवरण/मूल्यांकन
<b>May 2023</b>	श्रवण/ वाचन कौशल पर आधारित  (सामूहिक)	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

<b>August 2023</b>	परिचर्चा- - एबरेस्ट पर विजय प्राप्त महिलाएँ (साधारण और दिव्यांग)  (सामूहिक)	1.एबरेस्ट / पर्वतारोहण के प्रति रुचि 2.स्त्रियों के प्रति संवेदनशीलता 3. जानकारियाँ एकत्रित करने के प्रति अभिरुचि	1. विषयवस्तु 2.आत्मविश्वास 3. तार्किक क्षमता
<b>November2023</b>	प्रसंग सुनाना ( वैज्ञानिक चेतन....)	1.वैज्ञानिक के जीवन से परिचय 2. ज्ञान का विस्तार 3. जिज्ञासु प्रवृति एवं स्वाध्याय	1. प्रसंग चयन 2. प्रस्तुतीकरण( हाव - भाव, आत्मविश्वास व आरोह - अवरोह)
<b>January 2024</b>	पोस्टर बनाना (शुक्रतारे के समान पाठ पर आधारित) (व्यक्तिगत)	1.सी. वी, रामन द्वारा भौतिक विज्ञान में योगदान 3. सी. वी . रामन के उच्च जीवन मूल्यों और चारित्रिक विशेषता से अवगत 2.पाठ से संबंधित अन्य रोचक जानकारी संग्रह करना	1 कलात्मक अभिव्यक्ति 2 विषयवस्तु 3.जानकारियाँ एकत्रित करने के प्रति अभिरुचि व स्तर 4 मौलिकता

# Delhi Public School, Numaligarh

**Class: IX**

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

**Sub: Mathematics**

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: Irrational numbers Section-2: Real numbers and their decimal expansions Section-3: Representing real numbers on the number line
2	May-2023	25	<b>Chapter-1:Real Numbers(contd.)</b> Section-4: Operations on real numbers Section-5: Laws of exponents for real numbers
			<b>Unit 2- Algebra</b> <b>Chapter-2: Polynomials</b> Section-1: Polynomials in one variable Section-2: Zeroes of a polynomial Section-3: Factorization of polynomials Section-4: Algebraic identities
3	June-2023	15	<b>Unit 3- Coordinate Geometry</b> <b>Chapter-3: Coordinate Geometry</b> Section-1: Cartesian system
			<b>Revision for PT-1</b>
4	July-2023	06	<b>Unit 2- Algebra(contd..)</b> <b>Chapter-4: Linear Equations in Two Variables</b> Section-1: Linear Equations Section-2: Solution of a Linear Equation
5	August-2023	24	<b>Unit 4- Geometry</b> <b>Chapter-5: Introduction to Euclid's Geometry</b> Section-1: Euclid's definitions, axioms and postulates
			<b>Chapter-6: Lines and Angles</b> Section-1: Basic terms and definitions Section-2: Intersecting lines and non-intersecting lines

			<p>Section-3: Pairs of angles  Section-4: Lines parallel to the same line  <b>Chapter-7: Triangles</b>  Section-1: Congruence of triangles  Section-2: Criteria for congruence of triangles</p>
6	<b>September-2023</b>	16	<p><b>Chapter-7: Triangles (contd..)</b>  Section-3: Some properties of a triangle  Section-4: Some more criteria for congruence of triangles  <b>Revision for PT-2</b></p>
7	<b>October-2023</b>	20	<p><b>Chapter-8: Quadrilaterals</b>  Section-1: Properties of a parallelogram  Section-2: The Mid-point theorem</p>
8	<b>November-2023</b>	23	<p><b>Chapter-9: Circles</b>  Section-1: Angle subtended by a chord at a point  Section-2: Perpendicular from the centre to a chord  Section-3: Equal chords and their distances from the centre  Section-4: Angle subtended by an arc of a circle  Section-5: Cyclic quadrilaterals</p>
9	<b>December-2023</b>	9	<p><b>Unit 5-Mensurations</b>  <b>Chapter-10: Heron's Formula</b>  Section-1: Area of a triangle - by Heron's formula  <b>Revision for PT-3</b></p>
10	<b>January-2024</b>	21	<p><b>Chapter-11: Surface Areas And Volumes</b>  Section-1: Surface area of a right circular cone  Section-2: Surface area of a sphere  Section-3: Volume of a right circular cone  Section-4: Volume of a sphere</p>
11	<b>February-2024</b>	24	<p><b>Unit 6-Statistics</b>  <b>Chapter-12: Statistics</b>  Section-1: Graphical representation of data  <b>Revision for Annual Examination</b></p>

12	March-2024	19	Annual Examination
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## Delhi Public School, Numaligarh

Class: IX

Scheme of Work: 2023-'24

Sub: Mathematics

### Portion for Assessment-2023-'24

<b>PT-1</b>	Chapter-1: Real Numbers Chapter-2: Polynomials Chapter-3: Coordinate Geometry
<b>Half Yearly Exam/PT-2</b>	Chapter-1: Real Numbers Chapter-2: Polynomials Chapter-3: Coordinate Geometry Chapter-4: Linear Equations in Two Variables Chapter-5: Introduction to Euclid's Geometry Chapter-6: Lines and Angles Chapter-7: Triangles
<b>PT-3</b>	Chapter-8: Quadrilaterals Chapter-9: Circles Chapter-10: Heron's Formula
<b>Annual Examination</b>	Whole Syllabus

### Projects/Subject Enrichment Activities

Month	Activity	Objective/s	Details & Evaluation
<b>May-2023</b>	<u>Lab Activity:</u> Square root spiral	<ul style="list-style-type: none"> <li>➤ To observe that right triangles can be formed by paper folding activity.</li> <li>➤ To realize the existence of irrational numbers on number line.</li> </ul>	<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> (i) Able to explain concept correctly after completion (5) or complete activity in the class independently (5)
<b>June-2023</b>	<u>Lab Activity:</u> Quadrants and Co-ordinates	<ul style="list-style-type: none"> <li>➤ To obtain the mirror image of a given geometrical figure with respect to the x-axis and the y-axis.</li> </ul>	

		<ul style="list-style-type: none"> <li>➤ To acquire the skill of plotting points with the given coordinates.</li> <li>➤ To develop a geometrical intuition for reflection symmetry and an idea of developing symmetrical design.</li> </ul>	<ul style="list-style-type: none"> <li>(ii) Takes help and complete the task (4)</li> <li>(iii) Works independently but not able to complete (3)</li> <li>(iv) Tries to perform hands on the lab (2)</li> <li>(v) Just initiate the task allotted (1)</li> </ul> <p><b>3. File record (5 marks)</b></p> <ul style="list-style-type: none"> <li>(i) Index/cover (1)</li> <li>(ii) Neatness (1)</li> <li>(iii) Submits on time (1)</li> <li>(iv) Regularly brings file (1)</li> <li>(v) Does correction (1)</li> </ul> <p><b>(Total 15 marks to be converted to 5 marks for evaluation of each activity)</b></p>
<b>October-2023</b>	<u>Lab Activity:</u> Midpoint theorem	<ul style="list-style-type: none"> <li>➤ To verify that the line segment joining the midpoints of any two sides of a triangle is parallel to the third side and half of it.</li> </ul>	
<b>November-2023</b>	<u>Lab Activity:</u> Cyclic quadrilaterals	<ul style="list-style-type: none"> <li>➤ To verify that opposite angles of a cyclic quadrilateral are always supplementary.</li> <li>➤ To verify that in a cyclic quadrilateral the exterior angle is equal to the interior opposite angle.</li> </ul>	
<b>*Art integrated project will replace one of the Subject Enrichment Activities in Mathematics</b>			



## Delhi Public School, Numaligarh

**Class:IX**

**Scheme of Work : 2023-24**

**Subject : Science**

S.N	Month	No of ID	Physics	Chemistry	Biology
1	April2023	10	Chapter- 8 : Motion	Chapter-1: Matter in our surroundings.	Chapter-5 Fundamental Unit Of Life: Cell
2	May 2023	25	Chapter- 8 : Motion	Chapter-1: to be cont'd with practicals and activities.	Chapter-5 Fundamental Unit Of Life: Cell9(continuation)
3	June2023	15	Chapter – 9: Force and laws of motion	Chapter-2: Is matter around us pure?	Chapter-6: Tissues
4	July 2023	6	Chapter – 9: Force and laws of motion	Chapter-2: to be cont'd with practicals and activities	Practical & activity
5	August 2023	23	Chapter-10: Gravitation	Revision on the above chapters + project work	Practical & activity
6	September 2023	15	Chapter -11 :Work and Energy	Chapter-3 : Atoms and molecules.	Revision for Half Yearly and Practical
7	October 2023	20	Chapter -11 :Work and Energy	Chapter-3 cont'd with applications of concepts.	Practical & activity
8	November 2023	23	Chapter -12 :Sound	Chapter-4 : Structure of the Atom.	Practical & activity
9	December 2023	9	Chapter -12 :Sound	Chapter-4 cont'd with applications of concepts.	Chapter15- Improvement In food Resources Practical & activity
10	January 2024	21	Revision	Revision	Revision
11	February 2024	24	Revision	Revision	Revision
12	March 2024	19	Annual Exam	Annual Exam	Revision and Annual Exam

# Delhi Public School, Numaligarh

## Portion for Assessments : 2023-24

### Class-IX

Examinations	Physics	Chemistry	Biology
PT-1	Chapter 8 : Motion	Chapter-1: Matter in our surroundings	Chapter-5 Fundamental Unit Of Life: Cell
Half yearly	Chapters 8,9 and 10 : Motion , Force and laws of motion , Gravitation  ( Upto Thrust and Pressure )	Chapter 1 and 2: Matter in our surroundings, Is matter around us pure?	Chapter-5 Fundamental Unit Of Life: Cell  Chapter-6: Tissues
PT-2	Chapter 10 and 11 : Gravitation ( 2 <sup>nd</sup> part ) , Work and Energy.	Chapter-3 and 4: Atoms and molecules.  Structure of the atom.	Chapter15- Improvement In food  Resources
Annual Exam	Chapters 8,9,10,11,12 : Motion , Force and laws of motion , Gravitation , Work and Energy,Sound	Chapters 1,2, 3 and 4: Matter in our surroundings, Is matter around us pure? Atoms and molecules, Structure of the atom.	Chapters- 5, 6 and 15.
NEP	None	None	None

**Delhi Public School, Numaligarh**  
**Projects/Subject Enrichment Activities:2023-24**

<b>Month</b>	<b>Activity</b>	<b>Objective/s</b>	<b>Details &amp; Evaluation</b>
May-2023	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
Aug-2023	Science Project (Group)	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-2023	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. (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-2024	Chemistry practical as per CBSE syllabus	To enable students (a) gain hands on activities	Execution of Task :

	(Group activity)	<p>(b) conduct experiment, observe it carefully and draw logical conclusions.</p> <p>(c) identify various experimental apparatus used in lab</p>	<p>(a) Students will perform the given experiment and take observations</p> <p>(b) Viva will be conducted</p> <p>Rubrics for assessment :</p> <p>(a) Hands on practical- 5 marks</p> <p>(b) Viva-3 marks</p> <p>(c) File – 2 marks</p> <p>Values Imparted through the activity :</p> <p>(a) They will learn to work as a team</p> <p>(b) They will develop scientific attitude</p>
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# Delhi Public School Numaligarh

Scheme of Work: 2023-2024

Class: IX

Sub: Social Science

S.N	Month	ID	History	Economics	Political Science	Geography
1.	April 2023	10	The French Revolution	The story of Village Palampur	Chapter 2: What is Democracy? Why democracy?	Chapter 1: India- Size and Location.
2.	May 2023	25	The French Revolution (contd.)	The Story of Village Palampur (Contd.)	Chapter 2: What is Democracy? Why democracy? (contd.)	Chapter 2: Physical Features of India.
3.	June 2023	15	Socialism in Europe and the Russian Revolution	People as Resource	Chapter 3: Constitutional design	Chapter 2: Physical Features of India.
4.	July 2023	06	Socialism in Europe and the Russian Revolution (contd.)	People as Resources (contd.)	Chapter 3: Constitutional design (contd.)	Chapter 3: Drainage.
5.	August 2023	24	Socialism in Europe and the Russian Revolution (contd.)	People as Resource. ( contd.)	Chapter 4: Electoral Politics	Chapter 3: Drainage.
6.	September 2023	16	Forest Society and Colonialism	Poverty as a challenge	Chapter 4: Electoral Politics (contd.)	Chapter 4: Climate.
7.	October 2023	20	Forest Society and Colonialism (contd.) Pastoralist in the Modern World	Poverty as a Challenge ( contd.)	Chapter 5: Working of Institutions	Chapter 4: Climate.
8.	November 2023	23	Pastoralist in the Modern World (contd.)	Poverty as a Challenge ( contd.)	Chapter 5: Working of Institutions (contd.)	Chapter 5: Natural Vegetation and Wildlife.

9	December 2023	09	Nazism and the Rise of Hitler	Food security in India	Chapter 6: Democratic Rights	Chapter 6: Population.
10.	January 2024	21	Nazism and the Rise of Hitler (contd.)	Food Security in India (contd)	Chapter 6: Democratic Rights (contd.)	Chapter 6: Population.
11.	February 2024	24	Nazism and the Rise of Hitler (contd.) <b>Revision</b>	<b>Revision</b>	<b>Revision</b>	<b>Revision</b>

### **Portion for Assessments-(2023-2024)**

<b>Exam</b>	<b>History</b>	<b>Economics</b>	<b>Political Science</b>	<b>Geography</b>
<b>PT-1</b>	The French Revolution	The story of Village Palampur	Chapter 2: What is Democracy? Why democracy?	Chapter 1: India- Size and Location.
<b>PT-2/HLY</b>	1. The French Revolution 2. Socialism in Europe and the Russian Revolution	1.The story of Village Palampur 2.People as Resource	Chapter 2: What is Democracy? Why democracy? Chapter 3: Constitutional design Chapter 4: Electoral Politics	Chapter 1: India- Size and Location. Chapter 2: Physical Features of India. Chapter 3: Drainage.
<b>PT-3</b>	Pastoralist in the Modern World	Poverty as a challenge	Chapter 5: Working of Institutions	Chapter 4: Climate.
<b>Annual Exam</b>	Full Syllabus	Full Syllabus	Full syllabus	Full syllabus

## Delhi Public School, Numaligarh

Class: IX (A, B, C)

Scheme of Work: 2023

Sub: Home Science

S.N	Month	No. of ID	Unit to be covered	Activity
1.	April -23	10	<b>Unit 1- Concept and Scope of Home Science Education and recent trends</b> a) Concept of Home Science b) Fields of Home Science c) Relevance of study of Home Science and career options d) Recent trends.	
2.	May-23	25	<b>Unit 2- Human Growth and Development</b> a) Concept of Growth and Development b) Principles of Growth and Development c) Factors affecting Growth and Development (Environmental and heredity) d) Age specific milestones( Birth to 3 years)- Physical, motor, social, emotional, cognitive and language <b>Unit 3- Family and Values</b> a) Concept and types of Family b) Role of Family in Holistic Development (Physical, Social, Psychological and Spiritual c) Ethical and value based society ( Need for happy family, respect and care for each member of family, Dignity of labour, work distribution within the family) d) Importance of girl child e)Influence of various factors on a family: Globalisation, Urbanisation, Migration, Technology and Media	1. To observe motor skills in three – year old child. 2. To prepare a chart or collage showing the role of Family Members.
3.	June-23	15	<b>Unit 4- Food, nutrition and Health</b> a) Definition of food, Nutrition, Nutrient, Health and Nutritional Status b) Food and its Functions ( Physiological, Social and Psychological) c) Nutrients: Sources and Functions d) Relationship of Food, Health and Diseases e) Malnutrition: Concepts and Components ( over nutrition and under nutrition f) Concept of Balanced Diet	3. Design educational games specific to function/ sources of nutrients.
4.	July-23	06	Nutrients – Sources and functions	

			a) Proteins – Chemical Composition of protein, Classification, Sources of protein, functions of protein	
5.	August-23	23	b) Carbohydrate - Chemical Composition , Classification, Sources, functions. c) Fats - Chemical Composition , Classification, Sources, functions. d) Vitamin – A,B,C,D & E	
6.	September-23	15	<b>Minerals –</b> a) Calcium- Characteristic features, sources, functions b) Iron - Characteristic features, sources, functions c) Iodine - Characteristic features, sources, functions <b>Unit 5 – Fibre and Fabric</b> a) Definition of fibre and yarn b) Classification of Fibre on the basis of origin and length c) Characteristics of Fibre: Feel, appearance, colour fastness, length, strength, absorbency, shrinkage, elasticity, effect of heat and sunlight	<b>4. To collect and identify fabric on the basis of physical and burning tests</b> <b>5. Burning test of fibre.</b>
7.	October-23	20	<b>Unit VI- Resource Management</b> a) Resources – Definition and Characteristics b) Types of resources (Human: Time, Energy, Knowledge and attitude. Non-Human: Money , materialistic goods and community resources)	<b>6. To prepare a case study of a house for disposal of kitchen waste.</b> <b>7. To encourage segregation of waste on the basis of bio-degradable and non-biodegradable waste by creating slogans or posters.</b>
8.	November-23	23	<b>Unit VI- Resource Management</b> c) Waste Management- Need to refuse, reduce, reuse, repair and recycle waste	
9.	December-23	09	d) Proper disposal of kitchen waste (Biodegradable: Composting, Vermicomposting, biogas and bagass. Non-Biodegradable: Incineration, Landfills and recycle)	
10	January-24	21	<b>Unit VII- Measures of Safety and Management of Emergencies</b> a) Accident prone and unsafe zones at home b) Need of Safety at home	<b>8. To prepare a first aid kit.</b>
11	February-24	24	c) Measures of safety against burns, electric shocks, cuts, fractures, poisoning d) First Aid: Concept and importance	<b>9. Practice giving first aid for:</b> i. Burns ii. Cuts iii. Bites iv. Fracture v. electric shock
12.	March- 24	19	Annual exam	



**Portion for Assessments-2023 - 2024**

<p align="center">PT-1</p>	<p><b>Unit 1- Concept and Scope of Home Science Education and recent trends</b>  a) Concept of Home Science  b) Fields of Home Science  c) Relevance of study of Home Science and career options  d) Recent trends.</p> <p><b>Unit 2- Human Growth and Development</b>  a) Concept of Growth and Development  b) Principles of Growth and Development  c) Factors affecting Growth and Development (Environmental and heredity)</p> <p><b>Unit 3- Family and Values</b>  a) Concept and types of Family  b) Role of Family in Holistic Development (Physical, Social, Psychological and Spiritual  c) Ethical and value based society ( Need for happy family, respect and care for each member of family, Dignity of labour,work distribution within the family)  d) Importance of girl child  e)Influence of various factors on a family: Globalisation, Urbanisation, Migration, Technology and Media</p>
<p align="center"><b>Half Yearly Exam</b></p>	<p><b>Unit 1- Concept and Scope of Home Science Education and recent trends</b>  a) Concept of Home Science  b) Fields of Home Science  c) Relevance of study of Home Science and career options  d) Recent trends.</p> <p><b>Unit 2- Human Growth and Development</b>  a) Concept of Growth and Development  b) Principles of Growth and Development  c) Factors affecting Growth and Development (Environmental and heredity)  d) Age specific milestones( Birth to 3 years)- Physical, motor,social, emotional, cognitive and language</p> <p><b>Unit 3- Family and Values</b>  a) Concept and types of Family  b) Role of Family in Holistic Development (Physical, Social, Psychological and Spiritual  c) Ethical and value based society ( Need for happy family, respect and care for each member of family, Dignity of labour,work distribution within the family)  d) Importance of girl child</p>

	<p>e)Influence of various factors on a family: Globalisation, Urbanisation, Migration, Technology and Media</p> <p><b>Unit 4- Food, nutrition and Health</b></p> <p>a) Definition of food, Nutrition,Nutrient, Health and Nutritional Status</p> <p>b) Food and its Functions ( Physiological, Social and Psychological)</p> <p>c) Nutrients: Sources and Functions</p> <p>d) Relationship of Food, Health and Diseases</p> <p>e) Malnutrition: Concepts and Components ( over nutrition and under nutrition</p> <p>f) Concept of Balanced Diet</p>
<b>PT-2</b>	<ul style="list-style-type: none"> <li>• Minerals</li> <li>• Fibre and Fabric</li> <li>• Resource Management</li> </ul>
<b>Annual Exam</b>	Full Syllabus

## Delhi Public School, Numaligarh

### Projects/Subject Enrichment Activities

<b>Month</b>	<b>Activity</b>	<b>Objective/s</b>	<b>Details &amp; Evaluation</b>
<b>May-AUGUST 2023</b>	<p>1. Observation of physical development in a child from birth to 3 years</p> <p>2. Observation of motor skills in a child from birth to 3 years.</p> <p>3. Role of family members : collage/ charts etc</p>	<p>1. Knowledge about the milestones of physical development during early and middle childhood.</p> <p>2. Knowledge about the changes in abilities to control body movements related to gross and fine muscles in children from birth to 3 years.</p> <p>3.To understand the importance of each member in the family</p>	<p>1.Lab activity: 13 marks</p> <p>2. First Aid Kit: 5 marks</p> <p>3. File work – 10 marks</p> <p>4. Viva- 2 marks</p>

<p><b>Oct 2023- January 2024</b></p>	<p>4. Design educational games specific to functions or sources of nutrients.</p> <p>6. Collection and identification of fabrics, physical and burning tests</p> <p>7. Create a slogan or poster for proper disposal of domestic waste.</p> <p>8. Prepare a First Aid kit and practice giving First Aid for burns, cuts, bites, fractures, electric shocks ( group activity)</p> <p>.</p>	<p>4. To gain practical knowledge about functions or sources of nutrients</p> <p>6. To identify various types of fabrics by observing the burning characteristics of fibre.</p> <p>7. To bring awareness about the need to refuse, reduce, reuse, repair and recycle waste.</p> <p>8. To adopt measures of safety and management of emergencies.</p>	
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# Delhi Public School, Numaligarh

**Class: IX**

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

**Sub: Artificial Intelligence (417)**

S.N	Month	No. of ID	Orange TouchPad AI
1	<b>April-2023</b>	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>• Perspective in Communication</li> </ul> Basic writing Skill
2	<b>May-2023</b>	25	<b>Part – A Unit 2- Self Management Skill</b> <ul style="list-style-type: none"> <li>• Importance of Self Management</li> <li>• Building Self Confidence</li> </ul> <b>Unit 3- Information and Communication</b> <ul style="list-style-type: none"> <li>• Basic Operations</li> <li>• Operating System</li> <li>• Internet, E-Mail</li> <li>• Social Media</li> </ul>
3	<b>June-2023</b>	15	<b>PART –B Unit – 1 Introduction to AI</b> <ul style="list-style-type: none"> <li>• What is Intelligence</li> <li>• History of AI</li> <li>• EXCITE</li> <li>• Relevance of AI in daily life</li> <li>• Purpose – Understanding SDGs</li> <li>• Possibilities in future</li> <li>• AI Ethics</li> </ul>
			<b>PYTHON BASICS</b>
4	<b>July-2023</b>	06	<ul style="list-style-type: none"> <li>• Python Basics</li> <li>• Programming Skills</li> <li>• Python Lists</li> </ul>

5	August-2023	24	<b>PART – B Unit – 2 AI Project Cycle</b> <ul style="list-style-type: none"> <li>• Introduction</li> <li>• Problem Scoping</li> <li>• Data Acquisition</li> <li>• Data Exploration</li> <li>• Modeling</li> </ul> <u>Will be continued throughout the session</u>
6	September-2023	16	<b>Revision for HY/PT-2</b>
7	October-2023	20	<b>PART – A</b> <b>Unit – 4 Entrepreneurial Skill</b> Types of Business Activities Characteristics of Entrepreneurship <b>Unit 5-Green Skills</b> Environment protection and conservation Green Economy
8	November-2023	23	<b>PART – B</b> <b>UNIT – 2 AI Project cycle</b> Modelling Evaluation and Deployment
9	December-2023	9	<b>Python Basics</b>
10	January-2024	21	<b>UNIT – 3 Neural Network</b> <ul style="list-style-type: none"> <li>• Relation Between Networks and Human Nervous System</li> <li>• Human Brain</li> <li>• Artificial Neural Network</li> <li>• Struggles in creating Brain-Like Neural Network</li> </ul> Conventional computing Vs Neural Network

11	February-2024	24	<b>UNIT – 3 Neural Network</b> <ul style="list-style-type: none"> <li>• Applications of Neural Network</li> <li>• How Neural Network learn – Information Flow</li> </ul> <b>Python</b>
12	March-2024	19	<b>Annual Examination</b>

## Delhi Public School, Numaligarh

Class: IX

Sub: AI

### Portion for Assessment-2023-'24

Half Yearly Exam/PT-2	Part – A Unit 1-Communication Skill Part – A Unit 2- Self Management Skill PART –B Unit – 1 Introduction to AI PYTHON BASICS PART – B Unit – 2 AI Project Cycle (1 <sup>st</sup> Part)
Annual Examination	Whole Syllabus

### Projects/Subject Enrichment Activities

Month	Activity	Objective/s
June-2023	<u>AI innovative idea</u> <u>Smart City</u> <u>Smart Home</u> <u>(Python Program)</u>	➤ Programming Concept ➤ Creative thinking
August-2023	AI Project Cycle	➤ Understanding Needs of Data ➤ Ethical Concern

<p><b>October-2023</b></p>	<p>Presentation on Entrepreneurial and Green Skill</p>	<p>➤ Understanding need of Employability skills</p>
<p><b>November-2023</b></p>	<p><u>Python Project</u></p>	<p>➤ AE Practical – Project and Report file.</p>
<p><b>December - 2023</b></p>		

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