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वार्षिक परीक्षा(AE)	<b>अपठित गद्यांश , संवाद लेखन ,पत्र लेखन</b> पाठ9 – स्वतंत्रता की ओर(कहानी),पाठ11 – पढक्कू की सूझ(कविता),पाठ12 – सुनीता की पहिया कुर्सी(कहानी), पाठ13 – हूदहूद(कहानी),पाठ14 – मुफ्त ही मुफ्त(कहानी)





Annual Examination	6: Xahoxi Suwalijoni 7 : Sivasagar Sao Aaha 8: Pokhi Kulor Abhijonta 9. Moromor Aai ( Poem) 10 : Ekotar bol	Picture Composition,Unseen Passage,Exercise and Textual Grammar.
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## Delhi Public School, Numaligarh

Class: VIII

Scheme of Work: 2024 – 2025

Sub: Mathematics

S.No	Month	No. of ID	NCERT Text Book
1	April-2024	08	<b>Chapter-1: Rational Numbers</b> Section-1: Introduction Section-2: Properties of Rational Numbers i. Closure Property ii. Commutativity
2	May-2024	25	<b>Chapter-1: Rational Numbers(contd.)</b> Section-2: Properties of Rational Numbers iii. Associativity iv. The role of zero v. The role of 1 vi. Distributivity of multiplication over addition of rational numbers  <b>Chapter-2: Linear Equations in One Variable</b> Section-1: Introduction Section-2: Solving Equations which have Linear Expressions on one Side and Numbers on the other Side Section-3: Reducing Equations to Simpler form  <b>Chapter-3: Understanding Quadrilaterals</b> Section-1: Introduction i. Convex and Concave Polygons ii. Regular and irregular polygons Section-2: Sum of the Measures of the Exterior Angles of a Polygon
3	June-2024	13	<b>Chapter-3: Understanding Quadrilaterals (contd.)</b> Section-3: Kinds of Quadrilaterals i. Trapezium ii. Kite iii. Parallelograms iv. Elements of a Parallelogram

			<ul style="list-style-type: none"> <li>v. Angles of a Parallelogram</li> <li>vi. Diagonals of a Parallelogram</li> </ul> <p>Section-4: Some Special Parallelograms</p> <ul style="list-style-type: none"> <li>i. Rhombus</li> <li>ii. Rectangle</li> <li>iii. Square</li> </ul>
			<b>Revision for PT-1</b>
4	<b>July-2024</b>	06	<p><b>Chapter-4: Data Handling</b></p> <p>Section-1: Looking for Information</p> <p>Section-2: Circle Graph or Pie Chart</p> <ul style="list-style-type: none"> <li>i. Drawing pie-charts</li> </ul>
5	<b>August-2024</b>	25	<p><b>Chapter-4: Data Handling (contd.)</b></p> <p>Section -3: Chance and Probability</p> <ul style="list-style-type: none"> <li>i. Getting a result</li> <li>ii. Equally like outcomes</li> <li>iii. Linking Chances to Probability</li> <li>iv. Outcomes as events</li> <li>v. Chances and Probability related to real life.</li> </ul> <p><b>Chapter-5: Squares and Square Roots</b></p> <p>Section-1: Introduction</p> <p>Section-2: Properties of Square Numbers</p> <p>Section-3: Some More Interesting Patterns</p> <p>Section-4: Finding the Square of a Number</p> <ul style="list-style-type: none"> <li>i. Other patterns in squares</li> <li>ii. Pythagorean Triplets</li> </ul> <p>Section-5: Square Roots</p> <ul style="list-style-type: none"> <li>i. Finding square roots</li> <li>ii. Finding square root through repeated subtraction</li> <li>iii. Finding square root through Prime Factorisation</li> <li>iv. Finding Square root through Division method</li> </ul> <p>Section-5: Square Roots of Decimals</p>



			<p><b>Chapter-10: Exponents and Powers</b>  Section-1: Introduction  Section-2: Powers with Negative Exponents  Section-3: Laws of Exponents  Section-4: Use of exponents to express small numbers in standard form</p>
9	<b>December-2024</b>	09	<b>Revision for PT-2</b>
10	<b>January-2025</b>	23	<p><b>Chapter- 9: Mensuration</b>  Section-1: Area of a Rectangle, Square, Triangle, Parallelogram and Circle  Section-2: Area of Trapezium  Section-3: Area of a General Quadrilateral  Section-4: Area of a Polygon  Section-5: Solid shapes  Section-6: Surface Area of Cube, Cuboid and Cylinder  Section-7: Volume of Cube , Cuboid and Cylinder  Section-8: Volume and Capacity</p> <p><b>Chapter-11: Direct and Inverse Proportions</b>  Section-1: Introduction  Section-2: Direct Proportion  Section-3: Inverse Proportion</p>
11	<b>February-2025</b>	23	<p><b>Chapter-12: Factorisation</b>  Section-1: Introduction              i. Factors of natural numbers              ii. Factors of algebraic expressions  Section-2 : What is factorization?              i. Method of common factors              ii. Factorisation by regrouping terms</p>

			<p>iii. Factorisation using identities  iv. Factors of the form <math>(x+a) (x+b)</math></p> <p>Section-3: Division of Algebraic Expressions  i. Division of monomial by another monomial  ii. Division of a polynomial by a monomial</p> <p>Section-4: Division of Algebraic Expressions Continued (Polynomial <math>\div</math> Polynomial)</p>
			<p><b>Chapter-13: Introduction to Graphs</b>  Section-1: Introduction  i. a line graph</p>
12	March-2025	15	<p><b>Chapter-13: Introduction to Graphs</b>  Section-2: Some Applications of Graphs  <b>Revision for Annual Examination</b></p>

### Portion for Assessments: 2024 - 25

<b>PT-1</b>	Chapter-1: Rational Numbers Chapter-2: Linear Equations in One Variable Chapter-3: Understanding Quadrilaterals
<b>Half Yearly Examination</b>	Chapter-1: Rational Numbers Chapter-2: Linear Equations in One Variable Chapter-3: Understanding Quadrilaterals Chapter-4: Data Handling Chapter-5: Squares and Square Roots Chapter-6: Cubes and Cube Roots
<b>PT-2</b>	Chapter- 7: Comparing Quantities Chapter- 8: Algebraic Expressions and Identities Chapter-10: Exponents and Powers
<b>Annual Examination</b>	Chapter- 2: Linear Equations in One variable Chapter- 4: Data Handling





**Portion for Assessments-2024-25**

<b>PT-1</b>	<ul style="list-style-type: none"> <li>1. Crop production</li> <li>2. Microorganisms</li> <li>3. Synthetic Fibre and Plastics</li> </ul>	<ul style="list-style-type: none"> <li>11. Force and Pressure</li> <li>4. Metals and Non metals</li> </ul>
<b>Half Yearly Exam</b>	<ul style="list-style-type: none"> <li>1. Crop production</li> <li>2. Microorganisms</li> <li>3. Synthetic Fibre and Plastics</li> <li>12. Friction</li> <li>7. Conservation of plants and Animals</li> </ul>	<ul style="list-style-type: none"> <li>11. Force and Pressure</li> <li>4. Metals and Non metals</li> <li>13. Sound</li> <li>8. Cell</li> </ul>
<b>PT-2</b>	<ul style="list-style-type: none"> <li>5. Coal and petroleum</li> <li>6. Combustion and flame</li> <li>9. Reproduction</li> <li>14. Some natural Phenomenon</li> <li>10. Reaching the age of adolescence</li> </ul>	
<b>Annual Exam</b>	<ul style="list-style-type: none"> <li>4. Metals and Non metals</li> <li>6. Combustion and flame</li> <li>9. Reproduction</li> <li>11. Force and Pressure</li> <li>15. Chemical effect of electric current</li> <li>17. Refraction of Light</li> </ul>	<ul style="list-style-type: none"> <li>5. Coal and petroleum</li> <li>8. Cell</li> <li>10. Reaching the age of adolescence</li> <li>14. Some natural Phenomenon</li> <li>16. Light</li> <li>18. The universe</li> </ul>
<b>NEP</b>	<ul style="list-style-type: none"> <li>19. Pollution of water and air</li> </ul>	

**Projects/Subject Enrichment Activities    Session: - 2024-25**

<b>Month</b>	<b>Activity</b>	<b>Objective/s</b>	<b>Details &amp; Evaluation</b>
<b>May-24</b>	*Reaction of metals with oxygen. *Reaction between iron and copper sulphate.	To understand *oxidation reaction *combination reaction *Displacement reaction	Record:- 2 Observation-1 Submission-1 Viva-1
<b>Aug/Sep-24</b>	Biology practical 1. Study of cell in an Onion peel 2. Study of cheek cell. OR (PPT:- Conservation of plants and animals-INTERSTATE)	To * To gain hands on experience by doing slide preparation * To conduct experiment, observe it carefully and draw logical conclusions.	Record:- 2 Preparation-1 Submission-1 Clarity-1
<b>Oct/Nov-24</b>	To study the conditions required for burning.	To know *about combustion * Combustible substance. * Ignition temperature	Record:- 2 Observation-1 Submission-1 Viva-1
<b>Jan-25</b>	To study the image formed by lenses. OR Project:- Water pollution	To *Identify lenses *Formation of image *Type of image	Record:- 2 Observation-1 Submission-1 Viva-1



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7	<b>Oct</b>	21	Chapter 6 Civilizing the Native, Educating the Nation	Chap-4-Agriculture	Chapter 5 Understanding Marginalisation
8	<b>Nov</b>	20	Chapter 7 Women, Caste and Reforms	Chap-4-Agriculture	Chapter 6 Confronting Marginalisation
9	<b>Dec</b>	09	Chapter 8 The Making of the National Movement	Chap-5-Industries.	Chapter 7 Public Facilities
10	<b>Jan- 2025</b>	23	Chapter 8 The Making of the National Movement	Chap-5-Industries.	Chapter 8 Law and Social Justice
11	<b>Feb</b>	22	Revision	Chap-6- Human Resources.	Chapter 8 Law and Social Justice
12	<b>March</b>	19	Revision	Revision	Revision

### Portion for Assessments-2024-25

<b>PT-1</b>	<b>HISTORY</b>	<b>Social &amp; Political Life</b>	<b>Geography</b>
	Chapters- 1 How, When and Where 2- From Trade to Territory and	Chapter-1 The Indian Constitution	Chap-1 Resources Chap-2- Land, Soil, water, Natural Vegetation and

	3 - Ruling the Countryside		Wild life Resources
<b>Half Yearly Exam</b>	Chapters- 2- From Trade to Territory, 3 -Ruling the Countryside, 4- Tribals, Dikus and the Vision of a Golden Age 5 -When People Rebel	Chapters- 1- The Indian Constitution 2-Understanding Secularism 3- Parliament and the Making of Laws	Chapters- 1- Resources, 2- Land, Soil, water, Natural Vegetation and Wild life Resources, 3- Mineral and Power Resources
<b>PT-2</b>	Chapter 6 Civilizing the Native, Educating the Nation Chapter 7 Women, Caste and Reforms	Chapter 4 Judiciary Revision Chapters Chapter 5 Understanding Marginalisation	Chapter-4-Agriculture
<b>Annual Exam</b>	Chapters-5- When People Rebel, Chapter 6 Civilizing the Native, Educating the Nation Chapter 7 Women, Caste and Reforms Chapter 8 The Making of the National Movement	Chapter 5 Understanding Marginalisation Chapter 6 Confronting Marginalisation Chapter 7 Public Facilities	Chapters 4- Agriculture, 5-Industries. 6- Human Resources
<b>NEP</b>	Chapters - 9	Chapter-8	



<p><b>Nov-2024</b></p>	<p><b>Project on Girl Child and Women- To prepare a report on the schemes for the promotion of Girl Child and better life for women designed by the government</b></p>	<p>The students will learn about the condition of girl child and women</p> <p>The schemes launched by the government</p>	<ul style="list-style-type: none"> <li>• Correct information (content)</li> <li>• Presentation (written in clear manner)</li> <li>• Creativity</li> </ul>
<p><b>Feb-2025</b></p>	<p><b>Wall paper project</b> Bhopal gas tragedy /Any other current issue</p>	<p>The students will learn about the worker's worth, safety laws and the new laws to protect the environment.</p>	<ul style="list-style-type: none"> <li>• Planning</li> <li>• Information</li> <li>• Completion</li> <li>• Presentation</li> </ul>



8	<b>November-2024</b>	20	<b>5. possibilities</b> 1. Possibilities of AI in various fields 2. Skill set needs for jobs in AI Field 3. AI Career 4. Kill set in demand	➤ Puzzle game ➤ Ice Breaker activities
9	<b>December-2024</b>	09		
10	<b>January-2025</b>	23	<b>Possibilities Cont...</b>	✓ PPT on AI Ethics
11	<b>February-2025</b>	22	<b>1. AI Ethics</b>  1. Ethics 2. Bias in real world data 3. Problem of inclusion Privacy concern	
12	<b>March-2025</b>	19	<b>2. AI Ethics</b> 1. Component of good AI policy 2. Ethical concern 3. Cost benefit Analysis  <b>Revision and AE</b>	➤ Smart home Ethical concern

### Portion for Assessments-2024-25

<b>Half Yearly Exam</b>	<ol style="list-style-type: none"> <li>1. Excite</li> <li>2. Relate</li> <li>3. Purpose</li> </ol>	Meaning & type of AI, ANI, AGI, Application, Limitation, AI Technique, Three domains, Relevance, Smart Living, Sustainable development, Social issues
<b>Annual Exam</b>	<ol style="list-style-type: none"> <li>1. Possibilities</li> <li>2. AI Ethics</li> <li>3. Cyber Ethics</li> </ol>	Contribution, Emergence, Skill sets, Ethics, Privacy concern, Components

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

<b>Month</b>	<b>Activity</b>	<b>Objective/s</b>
<b>May-2024</b>	Worksheet	<b>Technical Skill</b>
<b>Aug-2024</b>	Smart Home	<b>Imagination</b>
<b>Nov-2024</b>	Creative Activity	<b>Awareness skill, Logical Thinking</b>
<b>Jan-2025</b>	Games	<b>Human Machine interaction</b>