



## SYLLABUS2022-23 CLASS – IX

### SUBJECT: ENGLISH

Month	Beehive ( Literature Reader)	Moments (Supplementary Reader)	Writing	Grammar
APRIL	L-1: The Fun They Had (Prose) The Road not Taken (Poem)	L-1: The Lost Child	* Letter *Unseen Paragraph	Modals
May	Wind(Poem)		Story Case based factual passage	Tenses
June	L-2: The Sound of Music (Prose) I&II	L-2: The Adventures of Toto	Short Story writing	
July	L3 –The Little Girl (Prose)  Rain on the Roof (Poem)  L-4: A Truly BeautifulMind (Prose)	L-4 In The Kingdom Of Fools	E- mail Diary writing	Reported Speech Statements, Questions

#### Syllabus for Periodic Test-1

**Reading** : Unseen Comprehension

**Writing& Grammar** : Descriptive Paragraph(Diary),Tenses, Modals, E-mail, Diary writing

**Literature: Beehive:** The Fun They Had, The Sound of Music-I&II Wind, The Road not Taken

**Moments:** The Lost Child, The Adventures of Toto, The Little Girl ,In The Kingdom of Fools

August	L5 A Legend of the Northland (Poem) L-6: My Childhood (Prose)	L-5: The Happy Prince	Poster	Reported speech Commands and requests
September	6 No Men Are Foreign(Poem)  L7-: Packing ( prose)	L-6 Weathering The Storm In Ersama	Revision	Determiners

#### Syllabus for Term-I

**Reading** : Unseen Comprehension

**Writing & Grammar:** Descriptive paragraph (Person), Story Writing, Tenses, Modals, Reported Speech, Subject-Verb Concord, Determiners

**Literature:** The Fun They Had, The Sound of Music I &II, The Little Girl, A Truly Beautiful Mind, MyChildhood, The Road not Taken, Wind, Rain on the Roof, A Legend of the Northland,

**Moments:** The Lost Child, The Adventures of Toto, In the Kingdom of Fools, The Happy Prince Weathering the storm in Ersama

<b>October</b>	<b>L-8: Reach for the Top 1&amp;2 (Prose)</b> *On Killing a Tree <b>(Poem)</b> <b>L-8: The Bond of Love (Prose)</b>	<b>L-7: The Last Leaf</b>	Recap-Descriptive Paragraph (Diary)	Recap- Tenses
<b>November</b>	<b>The snake trying</b> <b>L-9 The Bond Of Love</b>	<b>L-8: A House Is Not A House</b> <b>L9:- The Accidental Tourist</b>		Recap- Subject Verb Concord
<b>December</b>	<b>L-10 Kathmandu</b> <b>L-11 If I Were You</b>	L-10 The Beggar		Recap-Modals
<b>Syllabus for Periodic Test-2</b>				
<b>Reading</b> : Unseen Comprehension				
<b>Writing&amp; Grammar:</b> Diary Entry, Integrated Grammar				
<b>Literature:</b> Packing, Reach for the Top 1&2., No Men Are Foreign, On Killing a Tree				
<b>Moments:</b> Weathering the Storm in Ersama, The Last Leaf.				
<b>January</b>	<b>Revision</b>	Revision	Revision	Recap- Determiners, Reported Speech
<b>February</b>	<b>Revision</b>	<b>Revision</b>	<b>Revision</b>	
<b>Syllabus for Term-II</b> Full Course				

## **SUBJECT: HINDI**

माह	पाठ के नाम	व्याकरण	लेखन
अप्रैल	पाठ -१-धुल (समीक्षा) (स्पर्श ) पाठ -२-दुःख का अधिकार (कहानी)	शब्द और पद वर्ण-विच्छेदन	अपठित गद्यांश अनुच्छेद पत्र-लेखन
मई	पाठ -९-रैदास (काव्य)		
जून	पाठ -१-गिल्लू (संचयन ) पाठ-१०-रहीम के दोहे (स्पर्श )	उपसर्ग/ प्रत्यय	पत्र -लेखन
जुलाई	पाठ-२-स्मृति (संचयन	अनुस्वार –अनुनासिका	संवाद लेखन
<b>Syllabus for Periodic Test-1</b>			
पाठ-१-धुल , २-दुःख का अधिकार (स्पर्श ) पाठ-१-गिल्लू (संचयन ) व्याकरण –वर्ण-विच्छेदन, अनुस्वार –अनुनासिका			
अगस्त	पाठ-३-एवरेस्ट –मेरी शिखर यात्रा पाठ-११ -आदमीनामा	संधि	अनुच्छेद पत्र-लेखन
सितम्बर	<b>पाठ-४ –तुम कब जाओगे अतिथि</b> <b>पाठ-३-कल्लू कुम्हार की उनाकोटी</b>		
<b>Syllabus for Term-I</b>			
पाठ-२ –दुःख का अधिकार, पाठ-३,एवरेस्ट , पाठ-४-तुम कब जाओगे अतिथि, पाठ-१०-रहीम के दोहे ,पाठ-११-आदमीनामा (स्पर्श) पाठ- २ –स्मृति , पाठ-३-कल्लू कुम्हार की उनाकोटी (संचयन ) व्याकरण- वर्ण-विच्छेदन, अनुस्वार –अनुनासिका, संधि लेखन –अपठित गद्यांश , अनुच्छेद , पत्र-लेखन , संवाद लेखन			
अक्टूबर	काव्य-१२ एक फूल की चाह पाठ-५- वैज्ञानिक चेतना के वाहक पाठ-४-मेरा पुस्तकालय	संधि मुहावरे	सूचना पत्र अनुच्छेद
नवम्बर	पाठ-६-कीचड़ का काव्य पाठ-१३ -गीत अगीत	विराम चिन्ह	विज्ञापन लेख
दिसंबर	पाठ-७-धर्म की आड़ पाठ-१४-अग्निपथ	लिंग-वचन-काल	कहानी लेखन
<b>Syllabus for Periodic Test-3</b>			
पाठ-१२- एक फूल की चाह,पाठ-४-मेरा पुस्तकालय , पाठ-७-धर्म की आड़ व्याकरण– संधि , मुहावरे, विराम चिन्ह, उपसर्ग/ प्रत्यय लेखन- अपठित गद्यांश , पद्यांश , सूचना-पत्र ,अनुच्छेद, विज्ञापन लेखन			
जनवरी	पाठ-१५-नय इलाके / खुशबू रचे हाथ पाठ-५-हामिद खान पाठ-६-दीये जल उठे	वर्ण-विच्छेदन अनुस्वार –अनुनासिका मुहावरे	अनुच्छेद ,पत्र-लेखन

फरवरी	पुनरावर्तन
<b>Syllabus for Term-II</b>	
पाठ-३-एवरेस्ट –मेरी शिखर यात्रा , काव्य-१२ एक फूल की चाहपाठ-५- वैज्ञानिक चेतना के वाहक पाठ-४-मेरा पुस्तकालय पाठ-७-धर्म की आड़,पाठ-१४-अग्निपथ , पाठ-१५-नय इलाके / खुशबू रचे हाथ ,पाठ-५-हामिद खान ,पाठ-६-दीये जल उठे व्याकरण- वर्ण-विच्छेदन ,अनुस्वार –अनुनासिका, मुहावरे , विराम चिन्ह, संधि लेखन –अपठित गद्यांश-पद्यांश ,अनुच्छे,पत्र ,सूचना-पत्र,विज्ञापन ,कहानी	

## SUBJECT MATHS

Month	Lessons/ Chapters	Activities
April	<b>Ch-1:</b> Number Systems	Show irrational number on number line
May	CH-3- Coordinate Geometry	Plotting points in the Cartesian plane.
June	CH-4- Equations in two Variables CH-5- Euclid's Geometry	How to draw line on graph paper If ray stand on a line, then sum of two adjacent angles is $180^{\circ}$ . Vertically opposite angles are equal.
July	CH-12- Heron's Formula CH-6 Lines and Angles	Area of triangle Primary and Secondary Data
<b>PA-1-CH 1, 3 and 4</b>		
August	CH-14 Statistics CH- 7 Triangles	Each angle of equilateral triangle angle is $60^{\circ}$ . Angle opposite to the longer side is longer.
September	CH -7 Triangles (Conti)	
<b>SA-1- CH 1, 3, 4, 5, 6, 7, 12 and 14</b>		
October	CH-2 Polynomials	Remainder Theorem Factor Theorem Identity
	CH-Ch-8 Quadrilaterals	Sum of the angles of a Quadrilateral is $360^{\circ}$ Different type of Quadrilateral.
November	<b>Ch-10:</b> Circles <b>Ch-9</b> Area of parallelograms and Triangles	<ul style="list-style-type: none"> <li>To show that the angles subtended by the chord of a circle in the same segment are equal.</li> <li>To verify that the opposite angles of a cyclic quadrilateral are supplementary.</li> </ul>
December	<b>Ch-13:</b> Surface areas and volumes	Different 3 – D Shape Model
Syllabus for Periodic Test-2 (Dec.): <b>Ch. 2, 8,10</b>		
January	<b>Ch-15: Probability</b> CH -11 Constructions	Primary and secondary Data
February	Revision	
Syllabus for Term Examination : 2,8,9,10,11,13,15		

## **SUBJECT: SCIENCE**

<b>Month</b>	<b>Lessons/ Chapters</b>	<b>Activities/ Practical's</b>
April	<p><b><u>PHYSICS:</u></b> Ch-8. Motion</p> <p><b><u>CHEMISTRY:</u></b> Ch-1. Matter in our surroundings.</p> <p><b><u>BIOLOGY:</u></b> Ch-5. The Fundamental Unit of Life</p>	<p><b><u>BIOLOGY:</u></b></p> <p>1. Preparation of stained temporary mounts of <b>(a)</b> onion peel, <b>(b)</b> human cheek cells &amp; to record observations and draw their labelled diagrams.</p>
May	<p><b><u>PHYSICS:</u></b> Ch-8. Motion</p> <p><b><u>CHEMISTRY:</u></b> Ch-1. Matter in our surroundings.</p> <p><b><u>BIOLOGY:</u></b> Ch-5. The Fundamental Unit of Life</p>	
June	<p><b><u>PHYSICS:</u></b> Ch:9 Force and Laws of motion</p> <p><b><u>CHEMISTRY:</u></b> Ch-1. Matter in our surroundings.</p> <p><b><u>BIOLOGY:</u></b> Ch-5. The Fundamental Unit of Life</p>	
July	<p><b><u>PHYSICS:</u></b> Ch-8. Motion Revision</p> <p><b><u>CHEMISTRY:</u></b> Ch-2. Is matter around us pure?</p> <p><b><u>BIOLOGY:</u></b> Ch-6. Tissues</p>	
<b><u>Syllabus for Periodic Test-1 (July)</u></b>		
<p><b><u>PHYSICS:</u></b></p> <ul style="list-style-type: none"> <li>• Ch-8 Motion</li> </ul>	<p><b><u>CHEMISTRY:</u></b></p> <ul style="list-style-type: none"> <li>• Ch-1. Matter in our surroundings.</li> </ul>	<p><b><u>BIOLOGY:</u></b></p> <ul style="list-style-type: none"> <li>• Ch-5. The Fundamental Unit of Life.</li> </ul>

August	<p><b><u>PHYSICS:</u></b> Ch:9 Force and Laws of motion</p> <p><b><u>CHEMISTRY:</u></b> Ch-2. Is matter around us pure?</p> <p><b><u>BIOLOGY:</u></b> Ch-6. Tissues Ch-7. diversity in living organisms</p>	<p><b><u>BIOLOGY:</u></b> 2. Identification of Parenchyma, Collenchyma and Sclerenchyma tissues in plants, striped, smooth and cardiac muscle fibres and nerve cells in animals from prepared slides. Drawing of their labelled diagrams.</p> <p><b><u>CHEMISTRY:</u></b> 3. Preparation of: a) A true solution of common salt, sugar and alum b) A suspension of soil, chalk powder and fine sand in water c) A colloidal solution of starch in water and egg albumin/milk in water and distinguish between these on the basis of transparency, filtration criterion and stability.</p>			
September	<p><b><u>PHYSICS:</u></b> Ch:9 Revision Ch:10 Gravitation</p> <p><b><u>CHEMISTRY:</u></b> Ch-2. Is matter around us pure?</p> <p><b><u>BIOLOGY:</u></b> Ch-13. Why do we fall ill?</p> <p><b>Revision</b></p>	<p><b><u>PHYSICS:</u></b> 4. Establishing the relation between the loss in weight of a solid when fully immersed in a) Tap water b) strongly salty water, with the weight of water displaced by it by taking at least two different solids.</p>			
<b><u>Syllabus for Term 1 Examination (September)</u></b>					
<table style="width: 100%; border: none;"> <tr> <td style="width: 33%; vertical-align: top;"> <p><b><u>PHYSICS:</u></b></p> <ul style="list-style-type: none"> <li>• Ch-8 Motion</li> <li>• Ch-9 Force and Laws of motion</li> </ul> </td> <td style="width: 33%; vertical-align: top;"> <p><b><u>CHEMISTRY:</u></b></p> <ul style="list-style-type: none"> <li>• Ch-1 Matter in our surrounding.</li> <li>• Ch-2. Is matter around us pure?</li> </ul> </td> <td style="width: 33%; vertical-align: top;"> <p><b><u>BIOLOGY:</u></b></p> <ul style="list-style-type: none"> <li>• Ch-5. The Fundamental Unit of Life.</li> <li>• Ch-6. Tissues</li> </ul> </td> </tr> </table>			<p><b><u>PHYSICS:</u></b></p> <ul style="list-style-type: none"> <li>• Ch-8 Motion</li> <li>• Ch-9 Force and Laws of motion</li> </ul>	<p><b><u>CHEMISTRY:</u></b></p> <ul style="list-style-type: none"> <li>• Ch-1 Matter in our surrounding.</li> <li>• Ch-2. Is matter around us pure?</li> </ul>	<p><b><u>BIOLOGY:</u></b></p> <ul style="list-style-type: none"> <li>• Ch-5. The Fundamental Unit of Life.</li> <li>• Ch-6. Tissues</li> </ul>
<p><b><u>PHYSICS:</u></b></p> <ul style="list-style-type: none"> <li>• Ch-8 Motion</li> <li>• Ch-9 Force and Laws of motion</li> </ul>	<p><b><u>CHEMISTRY:</u></b></p> <ul style="list-style-type: none"> <li>• Ch-1 Matter in our surrounding.</li> <li>• Ch-2. Is matter around us pure?</li> </ul>	<p><b><u>BIOLOGY:</u></b></p> <ul style="list-style-type: none"> <li>• Ch-5. The Fundamental Unit of Life.</li> <li>• Ch-6. Tissues</li> </ul>			
October	<p><b><u>PHYSICS:</u></b> Ch:10 Gravitation</p> <p><b><u>CHEMISTRY:</u></b> Ch-3. Atoms and molecules.</p> <p><b><u>BIOLOGY:</u></b> Ch-13. Why do we fall ill?</p>	<p><b><u>PHYSICS:</u></b> 5. Determination of the density of solid (denser than water) by using a spring balance and a measuring cylinder.</p> <p><b><u>CHEMISTRY:</u></b> 6. Preparation of a) a mixture b) a compound using iron filings and sulphur powder and distinguishing between these on the basis of: (i) appearance, i.e., homogeneity and heterogeneity (ii) behaviour towards a magnet (iii) behaviour towards carbon disulphide as a solvent (iv) Effect of heat.</p>			
November	<p><b><u>PHYSICS:</u></b> Ch-11 Work and Energy</p> <p><b><u>CHEMISTRY:</u></b> Ch-3. Atoms and molecules.</p> <p><b><u>BIOLOGY:</u></b> Ch-14. natural resources.</p>	<p><b><u>CHEMISTRY:</u></b> 7. Perform the following reactions and classify them as physical or chemical changes: a) Iron with copper sulphate solution in water b) Burning of magnesium ribbon in air c) Zinc with dilute sulphuric acid d) Heating of copper sulphate crystals e) Sodium sulphate with barium chloride in the form of their solutions in water.</p>			

December	<b><u>PHYSICS:</u></b> <b>Ch-11</b> Work and Energy <b><u>CHEMISTRY:</u></b> <b>Ch-4.</b> Structure of atoms. <b><u>BIOLOGY:</u></b> <b>Ch-15.</b> Improvement in food resources.	<b><u>CHEMISTRY:</u></b> <b>8.</b> To verify the law of conservation of mass in a chemical reaction.
January	<b><u>PHYSICS:</u></b> <b>Ch-12</b> Sound  <b><u>CHEMISTRY:</u></b> <b>Ch-4.</b> Structure of atoms.	
February	<b><u>PHYSICS: Revision</u></b>  <b><u>CHEMISTRY:</u></b> <b>Ch-4.</b> Structure of atoms.	
March	<b>REVISION</b>	
<b><u>Syllabus for Term 2 Examination</u></b>		
<b><u>Physics</u></b>		
<b>Ch:10</b> Gravitation <b>Ch-11</b> Work and Energy <b>Ch-12</b> Sound		
<b><u>Chemistry</u></b>		
<b>Ch-3</b> Atoms and molecules <b>Ch-4</b> Structure of atom		
<b><u>BIOLOGY</u></b>		
<b>CH 13.</b> Why do we fall ill?		

## **SUBJECT: SOCIAL SCIENCE**

<b>Month</b>	<b>Lessons/ Chapters</b>	<b>Activities/ Practical</b>
April	<b>Geography</b> 1. India-Size and Location. <b>Economics</b> 1. The story of Village Palampur. <b>DP:</b> 1. What Is Democracy? Why Democracy?	<b>Map work:</b> <ul style="list-style-type: none"> <li>India-States with Capitals,</li> <li>Tropic of Cancer,</li> <li>Standard Meridian</li> </ul>
May	<b>DP:</b> 1. What Is Democracy? Why Democracy?	PPT OF CHAPTER AND MAKE A PROJECT OR MODEL ON IT
June	<b>History:</b> 1. The French Revolution <b>Geography</b> 2. Physical Features of India.	<b>Map work:</b> <ul style="list-style-type: none"> <li>Important cities of The French Revolution</li> </ul>
July	<b>Geography</b> 2. Physical Features of India. <b>Economics:</b> 2. People As Resource	<b>Map work:</b> <ul style="list-style-type: none"> <li>Physical features of India</li> <li>Major countries of First World War</li> </ul>
<b>Syllabus for Periodic Test-1</b> <b>History 1, Geography 1, DP 1, Economics 1</b>		
August	<b>Economics:</b> 3. People As Resource <b>DP:</b> 2. Constitutional Design  <b>History:</b> 2. Socialism in Europe and the Russian Revolution	<p style="text-align: center;"><b>SEAI</b></p> <b>Project on</b> "Chemical disaster and its Mitigation Strategies"  <b>Map work:</b> <ul style="list-style-type: none"> <li>Major countries of First World War</li> </ul>
September	<b>Geography:</b> 3. Drainage	<b>Map work:</b> Lakes and Rivers of India <b>(To be evaluated in Exam only)</b>
<b>Syllabus for Half Yearly Examination</b> <b>History: 1, Geography: 1,2, DP: 1,2, Economics: 1,2</b>		
October	<b>DP:</b> 3. Electoral Politics <b>Economics:</b> 3. Poverty as a challenge	



November	<b>Economics:</b> 3. Poverty as a challenge <b>DP:</b> 4. Working of Institution	GIVE A PROJECT ON IT FIND POVERTY IN INDIA AND HOW TO WE DECREASE IT
December	<b>History:</b> 3. Nazism and the rise of Hitler  <b>Geography:</b> 4. Climate	<b>Map work:</b> • Major countries of Second World War Territories under German expansion(Nazi power)  <b>Map work:</b> • Areas receiving rainfall less than 20 cm and over 400 cm
<b>Syllabus for Periodic Test-II</b> <b>History: 2, Economics: 3, DP: 3,4 Geography: 3(Map)</b>		
January	<b>Geography:</b> 5. Natural Vegetation and Wildlife	<b>SEA II</b> <b>Article on</b> "Medicinal Plants found in India"  <b>Map work:</b> • Types of forest zones • National parks • Wild life sanctuaries and Bird sanctuaries
February	<b>Revision</b>	
March	<b>Annual Examination</b>	
<b>Syllabus for Term -II Examination</b> <b>History: 2,3 Geography: 3(Map only),4,5 DP: 3,4 Economics: 3</b>		

## **SUBJECT: COMPUTER APPLICATIONS**

Month	Lessons/ Chapters	Activities/Practical
April	7. OpenOffice Writer-I	<b>Topics 1 to 4 Using Open Office Writer</b> <b>Topic: 1.</b> Leave Application <b>Topic: 2.</b> Create a poster on "Democratic rights"
May	7. OpenOffice Writer-I (contd.)	<b>Topic: 2.</b> (contd.)
June	8. OpenOffice Writer-II	<b>Topic: 3.</b> Language processor (pg. no. 49)
July	8. OpenOffice Writer-II (contd.) 9. Presentation tool: OO Impress	<b>SEA-I</b> <b>Topic: 4.</b> Inserting Table (Math's Formula)
August	6. Cyber-safety 9. Presentation tool: OO Impress (Topics from pg. no. 187-202)	<b>Topic: 5.</b> Create presentation on the topic "Mobile Operating System"
September	9. Presentation tool: OO Impress (contd.) <b>Revision</b>	<b>SEA-II</b> <b>Topic: 6.</b> Create presentation on the topic "Cyber safety"
<b>Syllabus for Half Yearly Examination (September):</b> Ch-6,7,8,9(few topics)		
October	9. Presentation tool : OO Impress (Topics from pg. no. 202-218) 1. Computer Systems 2. Types of Hardware	<b>Topic: 7.</b> Create presentation on the topic "Product Advertisement" <b>Topic: 8.</b> Create presentation on the topic "Force and Laws of motion"
November	3. Types of Software 10. Spreadsheet Tool: OO Calc-I	<b>Topics 9 to 12 Using Open Office Calc</b> <b>Topic: 9.</b> Employee Salary Details
December	4. Basics of Operating Systems 10. Spreadsheet Tool: OO Calc-I (contd.)	<b>Topic: 10.</b> Weekly budget (pg. no. 271)
January	11. Spreadsheet Tool: OO Calc-II 5. Computer Networking, Multimedia Basics	<b>Topic: 11.</b> Car Hire-Profit Chart (297) style="text-align: center;"> <b>SEA-III</b> <b>Topic: 12.</b> School class result(pg. no. 270)

February	<b>11. Spreadsheet Tool: OO Calc-II (Revision)</b>	<b>Revision Topics</b>
March	<b>Syllabus for Annual Examination (February-March):1,2,3,4,5,9,10,11</b>	
<b>Topic: 1. Sales analysis using OO Calc</b>		

**SUBJECT: ART & CRAFT**

Month	Lessons/ Chapters	Required Materials		
April	<b>Chapter-1</b> <b>About-</b> Calligraphy and cursive Writing	Calligraphy Pen/Flat point marker And Black ink		
May				
June				
July	<b>Chapter-2</b> <b>About-</b> Picture Composition	Poster Colours, Round Brush, Colour plat, water bowl		
August	<b>Chapter-3</b> <b>About-</b> Nature Study	Water colour box/4B and 6B Pencil.		
September	<b>Chapter-4</b> <b>About-</b> Human Anatomy-Hand-Leg	HB Pencil and 4B and 6B Pencil.		
<b>Syllabus for Half Yearly Examination (September)</b> <b>Chapter-3-- Nature Study</b>				
October	<b>Chapter-5</b> <b>About-</b> Portrait	HB Pencil and 4B and 6B Pencil		
November	<b>Chapter-6</b> <b>About-</b> Animal face Drawing	HB Pencil and 4B and 6B Pencil		
December	<b>Chapter-7</b> <b>About-</b> Still life	Water color box/4B and 6B Pencil		
January	<b>Chapter-8</b> <b>About-</b> Landscape	Water color box/4B and 6B Pencil		
February	<b>Chapter-9</b> <b>About-</b> Poster Design	Poster Colors, Round Brush, Color plate, water bowl		
<b>Syllabus for Annual Examination (March)</b> <b>Chapter-5- Portrait and Chapter-6--Animal face Drawing</b>				
	December		Modern experimental dance	
Unit 4	January		Folk Dance (Teratali)	
	February	Knowledge of Tarana	Tarana	
	March	Revision		