



# SESSION 2024-25 SYLLABUS BREAK UP CLASS IX

**“EDUCATION IS OUR PASSPORT TO THE FUTURE,  
FOR TOMORROW BELONGS ONLY TO THE PEOPLE  
WHO PREPARE FOR IT TODAY”**

**ALL THE BEST !**

SUBJECT ENGLISH

Month	Literature		Grammar & Writing Skills
	Beehive	Moments	
April	1.The Fun They Had 2.The Road Not Taken (poem)	1.The Lost Child	1. Tenses
May	3.The Sound of Music	2.The Adventures of Toto	2. Descriptive Paragraph on person/event/situation (100-120 words)
July	4.Wind (poem) 5.The Little Girl 6. Rain on the Roof(poem)	3.Iswaran the Storyteller	3. Verb Concord
August	7. A Truly Beautiful Mind 8.The Lake Isle of Innisfree (poem)	4.In the Kingdom of Fools	4. Modals
September	9.The Snake and the Mirror 10.A Legend of the Northland (poem)	5.The Happy Prince	5. Writing Skills-Story Writing (on a given cue/title) 100-120 words
October	11.My Childhood 12.No Men Are Foreign (poem)	6.The Last Leaf	6. Reported speech- o Statement o Question o Commands & Requests
November	13.Reach For the Top 14.On Killing a Tree (poem)	7. A House is not a Home	7. Writing Skills- Diary Entry (100-120 words)
December	15.Kathmandu 16. A Slumber did my Spirit Seal (poem)	8.The Beggar  2	8. Determiners

January	17.If I Were You		
February	Revision	Revision	Revision
Unit Test 1	The Fun They Had, The Road not Taken	The Lost Child	Tenses , Descriptive Paragraph
Half Yearly Examination	<ul style="list-style-type: none"> <li>•The Fun They Had</li> <li>•The Road Not Taken (poem)</li> <li>•The Sound of Music</li> <li>•Wind (poem)</li> <li>•The Little Girl</li> <li>•Rain on the Roof(poem)</li> <li>•A Truly Beautiful Mind</li> <li>•The Lake Isle of Innisfree (poem)</li> <li>•The Snake and the Mirror</li> <li>•A Legend of the Northland (poem)</li> </ul>	<ul style="list-style-type: none"> <li>• The Lost Child</li> <li>• The Adventures of Toto</li> <li>• Iswaran the Storyteller</li> <li>• In the Kingdom of Fools</li> <li>• The Happy Prince</li> </ul>	<p>Tenses, Modals, Subject-Verb Agreement, Descriptive Paragraph, Story Writing.</p> <p>ASL: speaking skill assessment.</p>
Unit Test 2	My Childhood, Reach For The Top, No Men Are Foreign.	The Last leaf	Diary Entry, Reported Speech ,Determiners
Annual Examination	The entire syllabus of Beehive, Moments, Grammar & Writing Skills		ASL: listening skill assessment.

## विषय-हिन्दी

पाठ्यपुस्तके---

- 1- क्षितिज भाग 1
- 2- कृतिका भाग 1
- 3- Together with हिन्दी व्याकरण।

अप्रैल - गद्य - पाठ - 1 दो बैलों की कथा

पद्य - पाठ - 9 साखी एवं सबद

व्याकरण - उपसर्ग, प्रत्यय, अलंकार

मई - समास व्याकरण भाग की आवृत्ति

जुलाई - गद्य - पाठ - 2 ल्हासा की ओर

पद्य - पाठ - 10 वाख

कृतिका पाठ - 1 - इस जल प्रलय में

व्याकरण - अर्थ के आधार पर वाक्य के भेद

प्रथम ईकाई परीक्षा - गद्यखंड - दो बैलों की कथा, पद्य खंड - कबीर साखी, सबद, कृतिका - इस जल प्रलय में।

व्याकरण - उपसर्ग और प्रत्यय।

क्रियाकलाप - कवितावाचन

अगस्त - गद्य - पाठ - 3 उपभोक्तावाद की संस्कृति

पद्य - पाठ - 11 रसखान के सवैये

पाठ - 12 कैदी और कोकिला

व्याकरण - औपचारिक एवं अनौपचारिक पत्र, लघुकथा।

सितम्बर - पाठ - 4 साँवले सपनों की याद

पाठ 6 - प्रेमचन्द के फटे जूते

कृतिका - रीढ की हड्डी

व्याकरण - संवाद लेखन, अपठित गद्यांश, सूचना लेखन, ई-मेल लेखन

अर्धवार्षिक परीक्षा पाठ्यक्रम

गद्य— पाठ 1 - दो बैलों की कथा, पाठ - 2 ल्हासा की ओर, पाठ - 3 उपभोक्तावाद की संस्कृति पाठ - 4 साँवले सपनों की याद। पद्य - पाठ - 9 साखियाँ, सबद पाठ 10 - वाख, पाठ 11- रसखान के सवैये, पाठ 12 - कैदी और कोकिला

कृतिका – इस जलप्रलय में, मेरे संग की औरतें

व्याकरण - उपसर्ग, प्रत्यय, समास, अर्थ के आधार पर वाक्य भेद, अलंकार, पत्र-लेखन, संवाद-लेखन, लघुकथा लेखन, ई-मेल लेखन, सूचना लेखन अनुच्छेद लेखन एवं अपठित गद्यांश।

अक्तूबर – पद्य – पाठ - 13 ग्रामश्री

कृतिका - रीढ़ की हड्डी

नवम्बर - गद्य – पाठ - 7 मेरे बचपन के दिन

पद्य – पाठ - 15 मेघ आए

व्याकरण - पूर्व में पढ़ाए गए व्याकरणिक अंशों का अभ्यास ।

दिसम्बर-

गद्यखंड – प्रेमचन्द के फटे जूते व्याकरणिक अंशों का अभ्यास ।

जनवरी - पद्य – पाठ - 17 बच्चे काम पर जा रहे हैं।

द्वितीय ईकाई परीक्षा – गद्यखंड – प्रेमचन्द के फटे जूते, ग्रामश्री कृतिका – रीढ़ की हड्डी

व्याकरण - समास

क्रियाकलाप – श्रवण कला - कौशल परीक्षा

फरवरी - सम्पूर्ण पाठ्यक्रम का पुनः अभ्यास

वार्षिक पाठ्यक्रम – अप्रैल से फरवरी तक पढ़ाए गए समस्त पाठ (सैपल पेपर का अभ्यास)

### SUBJECT: MATHEMATICS

April - Number System

May - Number system continued and polynomials.

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**Unit Test- I** Number System & Polynomials

July - Linear Equation in two variables

August. - Co-ordinate geometry, Introduction to Euclid's geometry

September. - Lines and angles, triangles

**Half Yearly Examination** - Syllabus covered till September

October - Quadrilaterals

November - Heron's Formula, Statistics

December - Circle

Unit Test - II - Quadrilateral, Heron's Formula & Statistics

January - Surface Area and Volume

February - Revision

**Annual Examination** - Complete Syllabus

**TERM- I BIOLOGY/ CHEMISTRY**

Month	Chapters	Topics
April	Matter in our surroundings	Physical nature of matter, characteristics of particles of matter, states of matter, evaporation.
May	The fundamental unit of life	Discovery, Plasma membrane, nucleus, cell wall, cytoplasm, endoplasmic reticulum, Golgi apparatus, lysosomes, mitochondria, plastids, vacuoles, cell division.
July	Is matter around us pure?	Mixture, solution, suspension, physical and chemical changes, compound.
August	Tissues	Plant tissues-simple and complex permanent tissues.
September	Tissues	Animal tissues- epithelial tissue connective, muscular and nervous tissue

TERM- I

Chapters- 1,2,5,6

UT-1-chapters- Chapter-5-The fundamental unit of life and Chapter-1-Matter in our surroundings.

Half yearly exam-Chapters- 1,2,5,6

**Term- 1 Practical-**

**List Of Experiments**

**Biology:**

Preparation of stained temporary mount of

1. Onion peel.
2. Human cheek cells and to record observations and draw their labelled diagrams.

Chemistry:

Unit-I 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

\*Stability

2. 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

TERM-II

Month	Chapters	Topics
October	Improvement in food resources	Improvement in crop yields, nutrient management, cropping patterns.
November	Improvement in food resources	Animal husbandry
December	Atoms and molecules	Laws of chemical combination, atoms, molecules.
January	<i>Atoms and</i> molecules	Ions, writing a chemical formula, molecular mass.
February	Structure of atom	Charged particles in matter, atomic models, atomic number, mass number, isotopes, isobars.

UT-2-Chapters-Chapter-12-Improvement in food resources andChapter-3- Atoms and molecules

Final exam-Complete syllabus (Chapters 1,2,3,4,5,6 and 12)

**Term II- Practical -**

**List of Experiments**

**Biology**

Identification of parenchyma, collenchyma and sclerenchyma tissues in plants, stripped, smooth and cardiac muscle fibers and nerve cells in animals from prepared slides.

Chemistry practical

- 3) 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.
- 4) Determination of the melting point of ice and the boiling point of water.
- 5) Verification of the law of conservation of mass in a chemical reaction.

## PHYSICS

April: Motion: Distance and Displacement, Velocity, Uniform and non-uniform motion along a straight line; acceleration

May: distance-time and velocity-time graphs for uniform and uniformly accelerated motion.

July: Motion: Equation of motion by graphical method; elementary idea of uniform circular motion.

Force and Newton's Laws: Force and motion, Newton's laws of motion, inertia of a body, inertia and mass, momentum, force and acceleration.

August: Elementary idea of conservation of momentum, action and reaction forces.

September: Gravitation: Gravitation, universal law of gravitation, force of gravitation of the earth (gravity), acceleration due to gravity, mass and weight, free fall.

October: Floatation: Thrust and pressure. Archimedes' principle, buoyancy, elementary idea of relative density.

November: Work, energy and power: Work done by a force, energy, power, kinetic and potential energy.

December : Work, energy and power: Law of conservation of energy.

January: Sound: Nature of sound and its propagation in various media, speed of sound , range in humans.

February. Sound: Ultrasound , reflection of sound ,echo and SONAR. Structure of the human ear (auditory aspect only)

First unit test :-Motion( Uniformly accelerated motion).

Activity:-Students have also to make assignment copy.

Half yearly:-Motion, Force & Newton's Laws and Gravitation

Activity:- Students have also to give practical examination

Second unit test:-Floatation and Work Energy& Power.

Annual examination:- Complete syllabus

(Motion, Force, Gravitation, Floatation, Work Power & Energy & Sound)

Physics Practical

Before Half Yearly

1. To verify both the laws of reflection of light.

2. Determination of the density of solid (denser than water) by using a spring balance and a measuring cylinder.

After Half Yearly

3. Establishing the relation between the loss in weight of a solid when fully immersed in

(i) tap water (ii) strongly salty water, with the weight of water displaced by it by taking atleast two different solids.

4. Determination of the speed of a pulse propagated through a stretched string/ slinky.



## HISTORY / CIVICS

MONTH	SUBJECT	CHAPTERS
April	History	1. The French Revolution
May	History	1. The French Revolution (continued)
July	Civics	1. What is Democracy? Why Democracy?
August	History	2. Socialism in Europe and the Russian Revolution
UNIT TEST-1	History	1. The French Revolution
September	Civics	2. Constitutional Design 3. Electoral Politics
HALF YEARLY EXAMINATION		Syllabus till September.
October	History	3. Nazism and the Rise of Hitler
November	History	3. Nazism and the Rise of Hitler (continued)
December	Civics History	4. Working of Institutions 4. Forest Society and Colonialism (not to be assessed in examination)
UNIT TEST- 2	History Civics	3. Nazism and the Rise of Hitler 4. Working of Institutions
January	Civics	5. Democratic Rights
February	History	5. Pastoralists in the Modern World (not to be assessed) [group activity]
ANNUAL EXAMINATION		Complete Syllabus.

## GEOGRAPHY

MONTH	LESSON	NAME OF THE CHAPTERS	TOPIC / SUB TOPIC
April	L-1	India:- Size and location	1. Location 2. Size 3. India and the World 4. India's Neighbours <ul style="list-style-type: none"><li>• States and</li><li>• Union Territories</li></ul> 5. Map work

July	L-2	Physical features of India	<ol style="list-style-type: none"> <li>1. Introduction</li> <li>2. Major Physiographic Divisions <ul style="list-style-type: none"> <li>• All physical features of India</li> </ul> </li> <li>3. Unique features of each Physiographic region <ul style="list-style-type: none"> <li>• As a source of resources</li> </ul> </li> <li>4. Map work</li> </ol>
July	L-3	Drainage	<ol style="list-style-type: none"> <li>1. Drainage <ul style="list-style-type: none"> <li>• Drainage basin</li> <li>• Water divide</li> </ul> </li> <li>2. Drainage Systems In India <ul style="list-style-type: none"> <li>• The Himalayan Rivers- Perennials Rivers</li> <li>• The Peninsular Rivers- Seasonal rivers</li> </ul> </li> <li>3. Lakes</li> <li>4. Role Of Rivers In The Economy</li> <li>5. River Pollution <ul style="list-style-type: none"> <li>• Sources of pollution.</li> <li>• consequences of pollution.</li> <li>• NRCP (National River Conservation Plan)</li> </ul> </li> <li>6. Map work</li> </ol>
September	L-4	Climate	<ol style="list-style-type: none"> <li>1. Climate and Weather</li> <li>2. Climatic Controls</li> <li>3. Factors Affecting India's Climate</li> <li>4- Coriolis Force</li> <li>4. The Seasons</li> <li>5. Distribution Of Rainfall</li> <li>6. Monsoon As A Unifying Bond</li> <li>7. Map work- India Annual Rainfall Regions</li> </ol>
October	L-5	Natural vegetation and wildlife	<ol style="list-style-type: none"> <li>1. Natural Vegetation Or Virgin vegetation</li> <li>2. Types of Vegetation</li> <li>3. Some Medicinal Plants</li> <li>4. Wildlife : <ul style="list-style-type: none"> <li>• Different Species: Animals, Birds &amp; Fish</li> <li>• Conservation of Wildlife</li> <li>• Biosphere Reserves&amp; National Parks</li> </ul> </li> <li>5. Migratory Birds</li> <li>6. Map work</li> </ol>
December	L-6	Population	<ol style="list-style-type: none"> <li>1. Population Size And Distribution <ul style="list-style-type: none"> <li>• By Number</li> <li>• By Density</li> </ul> </li> <li>2. Population Growth</li> <li>3. Processes of Population Change <ul style="list-style-type: none"> <li>• Birth Rate</li> </ul> </li> </ol>

			<ul style="list-style-type: none"> <li>• Death Rate</li> <li>• Migration</li> </ul> <ol style="list-style-type: none"> <li>4. Adolescent Population</li> <li>5. National Population Policy, 2000</li> <li>6. Census</li> <li>7. Map work</li> </ol>
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Unit test-1, L-1 India: Size and location

Activity : Activity based on chapter number 05 (Natural Vegetation and Wildlife)

Half yearly L-1,2,3 and Maps of all three chapters

Unit test – 2, L-4 Climate

Annual Examination- All chapters and Maps of all chapters

### ECONOMICS

MONTH	LESSON	NAME OF THE LESSON	TOPIC / SUB TOPIC
May	L-1	The story of village Palampur	<ol style="list-style-type: none"> <li>1. Introduction of Village</li> <li>2. Organisation of Production</li> <li>3. Activities in Palampur               <ul style="list-style-type: none"> <li>• Farming Activities</li> <li>• Non – Farming Activities</li> </ul> </li> </ol>
August	L-2	People as Resource	<ol style="list-style-type: none"> <li>1. Introduction</li> <li>2. Story of Sakal &amp; Vilas</li> <li>3. Economic Activities by Men &amp; Women</li> <li>4. Quality of Population</li> <li>5. Unemployment</li> </ol>
November	L-3	Poverty as a Challenge	<ol style="list-style-type: none"> <li>1. Introduction : Poverty</li> <li>2. Cases of Poverty               <ul style="list-style-type: none"> <li>• Urban Case</li> <li>• Rural Case</li> </ul> </li> <li>3. Issues related to Poverty</li> <li>4. Poverty as seen by social scientists :               <ul style="list-style-type: none"> <li>• Indicators of Poverty</li> <li>• Analysis : Social exclusion &amp; Vulnerability</li> </ul> </li> <li>5. Poverty Line</li> <li>6. Poverty Estimates</li> <li>7. Vulnerable Groups               <ul style="list-style-type: none"> <li>• Social Group</li> <li>• Economic Group</li> </ul> </li> <li>8. Inter-State Disparities</li> <li>9. Global Poverty Scenario</li> <li>10. Causes of Poverty</li> <li>11. Anti-Poverty Measures</li> <li>12. The Challenges Ahead</li> </ol>
January	L-4	Food Security in India	<ol style="list-style-type: none"> <li>1. Introduction : Food Security               <ul style="list-style-type: none"> <li>• Dimensions of Food Security</li> <li>• Why Food Security?</li> <li>• Who are Food-insecure</li> </ul> </li> </ol>

			<ul style="list-style-type: none"> <li>• Story of Ramu &amp; Ahmad</li> </ul> <ol style="list-style-type: none"> <li>2. India's aim at self-sufficiency in Foodgrains since Independence</li> <li>3. Food security in India: Green Revolution</li> <li>4. Food Security System <ul style="list-style-type: none"> <li>• Buffer Stock</li> <li>• Public Distribution System</li> <li>• NFS Act, 2013</li> <li>• Antyodaya Anna Yojana</li> </ul> </li> <li>5. Role of Cooperatives in Food Security</li> </ol>
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Unit Test-1, L-1 The story of village Palampur

Half Yearly L-1, 2

Unit Test-2 L-3 Poverty as challenge

Annual Examination- All chapters

### INFORMATION TECHNOLOGY

April	Part A: Unit 3- Basic ICT Skills-I (1,2,3,4 sessions)
May	Part A: Unit 3 - Basic ICT Skills-I (Session 5,6,7)
July	Part A: Unit 4 – Entrepreneurial Skills (All sessions) and Part B: Unit 2 – Data Entry and Keyboarding Skills (All sessions)
August	Part B: Unit 1-Introduction to IT-ITeS Industry. (All Sessions) Part B: Unit 3 - Digital Documentation (Session 1,2)
September	Part B: Unit 3 - Digital Documentation (All Sessions)
October	Part A: Unit 1 - Communication Skills(All Sessions)
November	Part B: Unit 4: Electronic Spreadsheet (All Sessions)
December	Part A: Unit 2: Self-Management Skills (All Sessions) and Part B: Unit 5 – Digital Presentation (Session 1,2)
January	Part B: Unit 5 – Digital Presentation (All Sessions)
February	Part A: Unit 5 – Green Skills-I (All Sessions) and Revision

#### Unit Test – 1

Part A:

Unit - 3 Basic ICT Skills-I

- Session -1 – ICT and its Impact
- Session - 2 – Basics of a Computer System and a Mobile Device
- Session - 3 – Input, Output, Memory and Storage Devices of a Computer System.
- Session - 4 - Basic Computer Operations

### **Half Yearly Exam**

Part A:

- Unit - 3 Basic ICT Skills-I (All sessions)
- Unit - 4 Entrepreneurial Skills (All sessions)

Part B:

- Unit - 1 Introduction to IT- ITeS industry (All sessions)
- Unit - 2 Data entry & Keyboarding Skills (All sessions)
- Unit - 3 Digital Documentation (1,2 sessions)

### **Unit Test -2**

Part B:

- Unit - 3 Digital Documentation (All sessions)

### **Annual Exam**

Part A:

- Unit - 1 Communication Skills (All sessions)
- Unit - 2 Self-Management (All sessions)
- Unit - 5 Green Skills-I (All sessions)

Part B:

- Unit - 4 “Electronic Spreadsheet” (All sessions)
- Unit - 5 “Digital Presentation” (All sessions)