



# **SYLLABUS**

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**CLASS IX**

**2025-26**

# English Communicative

## **LEARNING OUTCOMES:**

- (a) To enable the learner to communicate effectively and appropriately in real-life situations.
- (b) To use English effectively for study purpose across the curriculum.
- (c) To develop and integrate the use of the four language skills, i.e. listening, speaking, reading and writing.
- (d) To develop interest in and appreciation of literature.
- (e) To revise and reinforce structures already learnt.
- (f) To develop interest in the appreciation of literature

## **TEXT BOOKS:**

- 1. Interact in English (Main Course Book)
- 2. Interact in English (Literature Reader)
- 3. Interact in English (Workbook)

MONTH	COURSE CONTENT	ENGLISH COMMUNICATIVE - IX
MARCH	TERM – I	
	<b><u>LITERATURE READER :</u></b> F 1: How I Taught My Grandmother To Read <b><u>Grammar:</u></b> Tenses	
APRIL	<b><u>LITERATURE READER :</u></b> <b><u>Poetry:</u></b> P 1: The Brook <b><u>Grammar:</u></b> Modals <b><u>Writing Skills :</u></b> Notice Writing <b><u>MCB:</u></b> Unit 1 : People	
MAY	<b><u>LITERATURE READER :</u></b> F 2: A Dog Named Duke <b><u>Poetry:</u></b> P 2 : The Road Not Taken <b><u>Grammar:</u></b> Determiners <b><u>Writing Skills :</u></b> Dialogue Writing	
JULY	<b><u>Poetry:</u></b> P 3: The Solitary Reaper <b><u>Grammar:</u></b> Reported Speech <b><u>Writing Skills :</u></b> Letter Writing (Personal Letters) <b><u>MCB:</u></b> Unit 2 : Adventure	
AUGUST	<b><u>Drama :</u></b> Villa For Sale <b><u>Grammar:</u></b> Active and Passive	

	Prepositions <u><b>Writing Skills :</b></u> Paragrapah Writing <u><b>MCB:</b></u> Unit 3 : The Environment
<b>SEPTEMBER</b>	<b>TERM I EXAMINATION</b>
<b>OCTOBER</b>	<b>TERM – II</b> <u><b>LITERATURE READER :</b></u> F 3 : The Man Who Knew Too Much <u><b>Poetry:</b></u> P 5: The Seven Ages <u><b>Grammar:</b></u> Connectors
<b>NOVEMBER</b>	<u><b>LITERATURE READER :</b></u> F 4 : Keeping It From Harold <u><b>Poetry:</b></u> P 6: Oh! I Wish I'd Looked After Me Teeth <u><b>MCB:</b></u> Unit 4 : The Class IX Radio And Video Show <b>Integrated Grammar</b> Practice questions
<b>DECEMBER</b>	<u><b>LITERATURE READER :</b></u> F 5 : <i>The Best Seller</i> <u><b>Poetry:</b></u> P 7: Song of the Rain <b>Unit 5 : Mystery</b>
<b>JANUARY</b>	<u><b>LITERATURE READER :</b></u> <u><b>DRAMA</b></u> Bishop's Candlesticks Unseen Comprehension Practice
<b>FEBRUARY</b>	Revision
<b>TERM I</b>	<b>Syllabus Covered till August</b>
<b>FINAL TERM</b>	<u><b>Complete Syllabus of TERM I And TERM II</b></u>

## Mathematics

### LEARNING OBJECTIVES:

1. To develop good understanding of basic concepts of Mathematics.
2. To enrich students reasoning and visualizing skills.
3. To relate these concepts with their everyday life.

### TEXTBOOKS:

MATHEMATICS A Textbook for class IX (NCERT)

### RECOMMENDED BOOKS:

MATHEMATICS for class IX- Exam Idea / R.D.Sharma

Month	Course Content
April	CH-1: Number System CH-3: Coordinate Geometry <b>Activity 1:</b> To represent an irrational number on a number line. <b>Activity 2:</b> To obtain the mirror image of a given geometrical figure w.r.t the x-axis & y-axis.
May	CH-10: Heron's Formula

July	CH-2: Polynomials CH-12: Statistics <b>Activity 3:</b> To verify the identity $(a + b)^3 = a^3 + b^3 + 3ab(a + b)$ geometrically by using sets of unit cubes.
August	CH-7: Triangles <b>Activity 4:</b> To study the relation between unequal sides of a triangle and the angles opposite to them. <b>Activity 5:</b> To show that the parallelograms on the same base & between the same parallel lines are equal in area by paper cutting & pasting.
September	Revision for Term 1 CH-9: Circles
October	CH-9: Circles (contd.) CH-4: Linear Equations in Two Variables <b>Activity 6:</b> Relation between angles subtended by an arc of a circle at its centre and any point on the remaining part of the boundary of the circle. <b>Activity 7:</b> Angles in the same segment of a circle are equal.
November	CH-11: Surface Areas & Volumes <b>Activity 8:</b> To find the formula for the lateral surface area and the total surface area of a right circular cone experimentally.
December	CH-6: Lines and Angles CH-8: Quadrilaterals <b>Activity 9:</b> To verify Mid-point Theorem. <b>Activity 10:</b> To show that the Quadrilateral formed by joining the mid points of sides of a Quadrilateral is a parallelogram.
January	CH-5: Introduction to Euclid's Geometry Revision for Final Term
February	Revision for Final Term
<b>SYLLABUS</b>	
UT1	CH-1,3
UT2	CH-2,10
Term 1	CH-1,2,3,7,10,12
UT3	CH-9,4
Final Term	Complete Syllabus

## Hindi

पाठ्यपुस्तक

स्पर्श भाग ।

संचयन भाग ।

मार्च / अप्रैल	<p><b>पाठ –</b></p> <p>दुःख का अधिकार,</p> <p><b>व्याकरण –</b></p> <p>शब्द व पद , अनुस्वार , अनुनासिक</p> <p>अनुच्छेद लेखन</p> <p>अपठित गद्यांश</p>
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मई	पाठ – रैदास
जुलाई	पाठ – रहीम के दोहे एवरेस्ट मेरी शिखर यात्रा संचयन- गिल्लू व्याकरण – विराम चिह्न ,वाक्य भेद चित्र वर्णन
अगस्त	पाठ – तुम कब जाओगे: अतिथि, संचयन – स्मृति व्याकरण – स्वरसंधि उपसर्ग ,प्रत्यय संवाद लेखन ।
सितंबर	पुनरावृत्ति + अर्धवार्षिक परीक्षा + संवाद लेखन + अनुच्छेद लेखन
अक्टूबर	स्पर्श:वैज्ञानिक चेतना के वाहक :सर चंद्र शेखर वेंकट रामन गीत अगीत  पत्र लेखन संवाद लेखन

नवंबर	<b>पाठ</b> – शुक्र तारे के समान अग्निपथ  <b>व्याकरण</b> – पत्र लेखन, विराम चिह्न चित्र वर्णन
दिसंबर	<b>पाठ</b> – संचयन – मेरा निजी पुस्तकालय स्पर्श नए इलाके में खुशबू रचते हैं हाथ
	व्याकरण विराम चिह्न अनुच्छेद लेखन
जनवरी/फरवरी	संचयन : कल्लू कुम्हार की उनाकोटी संवाद लेखन
फरवरी	पुनरावृत्ति

#### परीक्षा हेतु पाठ्यक्रम

प्रथम इकाई परीक्षा	<b>स्पर्श:</b> दुःख का अधिकार <b>व्याकरण:</b> शब्द पद, अनुस्वार , अनुनासिक अपठित गद्यांश, संवाद लेखन अनुच्छेद लेखन
द्वितीय इकाई परीक्षा	<b>स्पर्श:</b> एवरेस्ट: मेरी शिखर यात्रा, रैदास <b>व्याकरण:</b> अनुस्वार, अनुनासिक, वाक्य भेद चित्र वर्णन, पत्र लेखन अपठित गद्यांश
अर्धवार्षिक परीक्षा	<b>पाठ:</b> दुःख का अधिकार, रैदास, रहीम के दोहे, एवरेस्ट मेरी शिखर यात्रा, तुम कब जाओगे: अतिथि

	<b>संचयन-</b> गिल्लू स्मृति, <b>व्याकरण-</b> शब्द व पद, अनुस्वार, अनुनासिक, स्वर संधि, वाक्य भेद विराम चिह्न । उपसर्ग, प्रत्यय, अनुच्छेद लेखन, अनौपचारिक पत्र, चित्र वर्णन, संवाद लेखन संवाद लेखन ।
तृतीय इकाई परीक्षा	<b>पाठ</b> – वैज्ञानिक चेतना के वाहक : सर चंद्र शेखर वेंकट रामन अग्निपथ विराम चिह्न, वाक्य भेद चित्र वर्णन, संवाद लेखन, अनौपचारिक पत्र
वार्षिक परीक्षा	सम्पूर्ण पाठ्यक्रम

## SCIENCE

### LEARNING OBJECTIVES

1. To acquire knowledge of fundamental principles and concepts of science.
2. To develop skills for handling and manipulating apparatus, drawing observations etc.
3. To appreciate the contribution of science in the progress of civilization.
4. To develop the ability to apply scientific knowledge in real-life situations.
5. To motivate and develop reading habit and collect scientific information from various sources.

### TEXTBOOK

NCERT BOOK FOR CLASS-IX

SCIENCE LAB MANUAL: NCERT / RACHNA SAGAR

Month	Chapters
March	Ch-1 Matter in our surroundings Ch-7: Motion
April	Ch-1: Matter in our surroundings (contd) Ch-7: Motion (Contd) Ch-5: Fundamental unit of life <u>PRACTICALS</u> <b>Chemistry:</b> (a) To show that gases are readily compressible and liquids are not. (b) To determine the melting point of ice. (c) To determine the boiling point of water. <b>Biology:</b> To prepare temporary stained mounts of: (a) Onion peel (b) Human cheek cells and to record observations and draw their labelled diagrams.

May	Ch-8: Force and Laws of Motion Ch-5: Fundamental unit of life (contd.)  <u>PRACTICALS</u> <b>Chemistry:</b> (a) To prepare a mixture and compound using iron fillings and sulphur powder. (b) To distinguish between them on the basis of appearance, behaviour and effect of heat.
July	Ch-8: Force and Laws of motion (Contd) Ch-9 Gravitation Ch-6: Tissue Ch-2: Is matter around us pure <u>PRACTICALS</u> <b>Chemistry:</b> (a) To prepare true solution, suspension and colloid. (b) To distinguish between them on the basis of transparency, filtration and stability. <b>Biology:</b> To identify parenchyma and sclerenchyma tissues in plants from prepared slides and to draw their labelled diagrams.
August	Ch-9: Gravitation (Contd) Ch-6: Tissue (contd.) and Revision  <u>PRACTICALS</u> <b>Biology:</b> To identify striped, smooth and cardiac muscle fibres, and nerve cells in animals from prepared slides and to draw their labelled diagrams. <b>Chemistry:</b> To carry out the reactions and classify them as physical or chemical changes.
September	Revision for Term 1 Ch-6 Tissue(Contd) Ch-9- Gravitation (Contd)
October	Ch-9: Gravitation (cont.) Ch-10: Work and Energy Ch-3: Atoms and molecules Ch-4: Structure of atom  <u>PRACTICALS</u> <b>Physics</b> :1. Determination of the density of solid (denser than water) by using a spring balance and a measuring cylinder. 2. 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. <b>Chemistry:</b> To verify the law of conservation of mass in a chemical reaction.
November	Ch-10: Work and Energy(contd.) Ch-11: Sound Ch-4 Structure of atom (contd) Ch-12: Improvement in Food Resources <u>PRACTICALS</u> <b>Physics</b> :1.Verification of laws of reflection of sound 2. Determination of the speed of a pulse propagated through a stretched string/slinky (helical spring).
December	Ch-11: Sound(contd.) Ch-12: Improvement in Food Resources (Contd) and Revision
January	Revision



# SOCIAL SCIENCE

## LEARNING OUTCOMES:-

1. To stimulate interest in the World, we live in.
2. To stimulate the child's interest in the socio- political, economic & geographical aspects.
3. To provide opportunities to the students to explore their environment.
4. To enable the students to understand the processes taking place in their physical and social environment.
5. To develop curiosity and a spirit of enquiry among students.
6. To sharpen their observation and skill of map work.

## TEXT BOOKS:-

1. **History** – India and the contemporary world – Part I – NCERT
2. **Political Science** – Democratic Politics – Part I – NCERT
3. **Geography** – Contemporary India – Part I – NCERT
4. **Economics** – Understanding Economic Development – Part I – NCERT

## Syllabus

Month ↓ Subject →	Course Content			
	Geography	Economics	Political Sc.	History
March	Ch:1 India – Size and Location	-	-	-
April	-	-	Ch:1 What is Democracy? Why Democracy?	Ch:1 French Revolution
May	-	Ch:2 People as a Resource	-	-
July	Ch:2 Physical Features of India	-	Ch:2 Constitutional Design	-
August	-	-	Ch:3 Electoral Politics	Ch:3 Nazism and the Rise of Hitler
September	Half Yearly Examination			
October	Ch:3 Drainage	Ch:3 Poverty as a Challenge	-	Ch:2 Socialism in Europe and the Russian Revolution
November	Ch:4 Climate	Ch:4 Food Security in India	Ch:4 Working of Institutions	-
December	Ch:6 Population	-	Ch:5 Democratic Rights	-
January	Revision			
February	Final Exams			

## INFORMATION TECHNOLOGY (402) CLASS IX

### **LEARNING OBJECTIVES:-**

1. To develop good understanding of basic concepts of Computers
2. To enrich students in practical skills.
3. To relate these concepts with their everyday life.

### **TEXTBOOKS:**

NCERT Printed by School

Month	Course Content
<b>April</b>	<b>Part A Unit IV Entrepreneurial Skills</b> <ol style="list-style-type: none"> <li>1. Identify various types of Business Activities</li> <li>2. Demonstrate the knowledge of Distinguishing Characteristics of Entrepreneurship</li> </ol> <b>Part B Unit V Digital Presentation</b> <ol style="list-style-type: none"> <li>1. Understand features of an effective presentation</li> <li>2. Create a presentation</li> <li>3. Work with slides</li> <li>4. Format text and apply animations</li> <li>5. Create and use tables</li> <li>6. Insert and format image in presentation</li> <li>7. Work with slide master</li> </ol>
<b>May</b>	<b>Part A Unit I Communication Skills</b> <ol style="list-style-type: none"> <li>1. Understanding Communication &amp; its methods</li> <li>2. Types of Verbal Communication</li> <li>3. Types of Non-Verbal Communication</li> <li>4. Importance of Communication Skills &amp; Elements of Communication Cycle</li> <li>5. Identify the Factors affecting our Perspective in Communication</li> <li>6. Basic Writing Skills</li> <li>7. Parts of Sentences</li> <li>8. Part of Speech, Use of Article &amp; Paragraph Construction</li> </ol> <b>Project Term 1</b> Prepare a power point presentation to do the marketing of any one Imaginary or Real life product, add some self-made features to it & present it beautifully in your PPT.
<b>July</b>	<b>Part B UNIT III Digital Documentation</b> <ol style="list-style-type: none"> <li>1. Getting Started with a word Processing Application</li> <li>2. Edit the document</li> <li>3. Format the Document</li> <li>4. Creating &amp; using Mail merge</li> <li>5. Print the Document</li> <li>6. Print the letters using Mail Merge</li> </ol> <b>Part A UNIT II Self-Management Skills</b> <ol style="list-style-type: none"> <li>1. Meaning &amp; Importance of Self-Management</li> <li>2. Factors that Help in Building self Confidence</li> </ol>
<b>August</b>	<b>Part B UNIT I Introduction to IT-ITeS Industry</b> <ol style="list-style-type: none"> <li>1. Information Technology &amp; IT Enabled Services</li> <li>2. IT Applications</li> </ol>
<b>September</b>	<b>SA1 Practical's and Revision</b>
<b>October</b>	<b>Part B Unit IV Electronic Spreadsheet</b> <ol style="list-style-type: none"> <li>1. Introduction to Spreadsheet</li> <li>2. Enter &amp; Edit data in spreadsheet</li> <li>3. Formatting data in the Spreadsheet</li> </ol>

	4. Concept of referencing in Spreadsheets 5. Introduction the Types of Charts
<b>November</b>	<b>Part A UNIT III Basic ICT Skills (Continue..)</b> <ol style="list-style-type: none"> <li>1. ICT in Day to Day Life</li> <li>2. ICT tools</li> <li>3. Components of Computer System</li> <li>4. Identify Various Peripheral Devices</li> <li>5. Perform basic Computer Operations</li> <li>6. Understanding Basic File Operations</li> <li>7. The Internet</li> <li>8. The World Wide Web</li> <li>9. Introduction to Social Media</li> </ol> <b>Part A UNIT V Green Skills</b> <ol style="list-style-type: none"> <li>1. Identify various types of Business Activities</li> <li>2. Demonstration of Knowledge of Distinguishing Characteristics of Entrepreneurship</li> </ol>
<b>December</b>	<b>Project Term 2</b> <b>Roll No 1 to 10 Topic: Society and Environment</b> <ol style="list-style-type: none"> <li>1. How we are dependent on Environment?</li> <li>2. How we are Harming our future?</li> <li>3. What can we do to Save Environment?</li> </ol> <b>Roll no 11 to 20 Topic: Natural Resources</b> <ol style="list-style-type: none"> <li>1. Why it is important to conserve Nature?</li> <li>2. Ways to conserve Soil, Water, Energy, Food and Forest</li> </ol> <b>Roll No 21 to 30 Topic: Sustainable Development</b> <ol style="list-style-type: none"> <li>1. What is Sustainable Development?</li> <li>2. Goals of SD?</li> <li>3. What is Green Growth?</li> <li>4. What is Green Economy?</li> <li>5. How can we be a Green Consumer? (Green Consumer Day)</li> </ol> <b>Group4: Roll no 31 onwards Topic: Green Skills</b> <ol style="list-style-type: none"> <li>1. What are Green Skills?</li> <li>2. What are Green Jobs?</li> <li>3. Examples of Green Jobs with Live Products</li> <li>4. What are Green Projects?</li> </ol>
<b>January</b>	<b>Final Practical's and Revision</b>

SYLLABUS	
<b>SA 1 (Theory &amp; Practical)</b>	<b>Topics:</b> <b>PART A</b> Unit I Communication Skills Unit II Self-Management Skills Unit IV Entrepreneurial Skills <b>Part B</b> Unit III Digital Documentation Unit V Digital Presentation

<p><b>SA 2</b> <b>(Theory &amp; Practical)</b></p>	<p><b>Topics:</b></p> <p><b>Part A</b> Unit I Communication Skills Unit II Self-Management Skills Unit III Basic ICT Skills Unit IV Entrepreneurial Skills Unit V Green Skills</p> <p><b>Part B</b> Unit I Introduction to IT-ITeS Industry Unit III Digital Documentation Unit IV Electronic Spreadsheet Unit V Digital Presentation</p>
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