

# CURRICULUM GRADE-IX



# ENGLISH

## BACKGROUND

*At the secondary stage of English language learning the textual materials and other resources should represent a wide range of learning experience. Literature has always played a significant role in learning language. However, it is felt that pupils should be apprised with contemporary issues, read authentic literature and experiences of people to reflect and build their personality traits.*

*While there is a trend for inclusion of a wider range of contemporary and authentic texts, accessible and culturally appropriate pieces of literature should play a pivotal role at the secondary stage of education. The English class is meant for reading literature from different perspectives and to engage in activities for developing communicative competence, creativity and enrichment of language skills. It should not be seen as a place merely to read poems and stories in but an area of activities to develop the learner's imagination as a major aim of language study and to equip the learner with communicative skills to perform various language functions through speech and writing.*

## **Objectives**

*The objectives of the course are to enable learners to:*

- *Build greater confidence and proficiency in oral and written communication*
- *Develop the ability and knowledge required in order to engage in independent reflection and inquiry*
- *Make appropriate usage of English language to communicate in various social settings*
- *Equip learners with essential language skills to question and to articulate their point of view*
- *Build competence in the different aspects of the language*
- *Develop sensitivity to and appreciation of world literature representing varieties of English and cultures embedded in it.*
- *Enable the learner to access knowledge and information through reference skills (consulting a dictionary / thesaurus, library, internet, etc.)*
- *Develop curiosity and creativity through extensive reading*
- *Facilitate self-learning to enable them to become independent learners*
- *Review, organise and edit their own work and work done by peers*
- *Integrate listening and speaking skills in the curriculum.*
- *Retell the contents of authentic audio texts (weather reports, public announcements, simple advertisements, short interviews, etc.)*
- *Participate in conversations, discussions, etc., on the topics of mutual interest in non-classroom situations*
- *Respond, in writing to formal letters, based on given situation*
- *Read and identify the main points / significant details of texts like scripts of audio-video interviews, discussions, debates, etc.*
- *Write without prior preparation on a given topic and be able to defend or explain the stand taken / views expressed*
- *Write a summary of short lectures on familiar topics by making / taking notes*
- *Read poems effectively (with proper rhythm and intonation)*
- *Transcode information from a graph / chart to a description / report*

## Language Items

*In addition to consolidating the grammatical items practised earlier, the course at the secondary level seek to reinforce the following explicitly:*

- *Sequence of tenses, reported speech in extended texts*
- *Modal auxiliaries (those not covered at upper primary), non-finites (infinitives, gerunds, participles)*
- *Conditional clauses, complex and compound sentences*
- *Phrasal verbs and prepositional phrases*
- *Cohesive devices, punctuation (semicolon, colon, dash, hyphen, parenthesis or use of brackets and exclamation mark)*

<i>Month</i>	<i>Concept/Content</i>	<i>Objective/Theme/Skills</i>
<i>April</i>	<i>The Fun They Had</i>	<ul style="list-style-type: none"> <li>• Contrast between real and virtual world.</li> <li>• Developing an insight on the schools of the future</li> </ul>
	<i>Poem – The Road Not Taken</i>	<ul style="list-style-type: none"> <li>• How apt choices shape our future</li> </ul>
	<i>Grammar -Tenses &amp; Determiners</i>	<ul style="list-style-type: none"> <li>• Explanation and Practice</li> </ul>
	<i>Poem – Wind</i>	<ul style="list-style-type: none"> <li>• The destructive and constructive power of nature</li> </ul>
	<i>Writing Skills – Story Writing</i>	<ul style="list-style-type: none"> <li>• Developing creative &amp; imaginative fictional story</li> </ul>
	<i>The Lost Child</i>	<ul style="list-style-type: none"> <li>• Significant role of parents in a child's life</li> </ul>
	<i>Words &amp; Expressions: I- Unit 1</i>	<ul style="list-style-type: none"> <li>• Explanation and Practice</li> </ul>
<i>June</i>	<i>The Sound of Music (Part I &amp; Part II)</i>	<ul style="list-style-type: none"> <li>• Power of music and its impact on personality</li> </ul>
	<i>Words &amp; Expressions: I- Unit 2 &amp; Unit 3</i>	<ul style="list-style-type: none"> <li>• Explanation and Practice</li> </ul>
	<i>The Adventures of Toto</i>	<ul style="list-style-type: none"> <li>• Experiences of people who keep animals as pets</li> </ul>
	<i>The Little Girl</i>	<ul style="list-style-type: none"> <li>• Transition from fear to understanding</li> </ul>
	<i>Poem-Rain on the Roof</i>	<ul style="list-style-type: none"> <li>• Deciphering the melody of nature</li> </ul>
<i>July</i>	<i>Writing Skills- Descriptive Paragraph</i>	<ul style="list-style-type: none"> <li>• Descriptive Paragraph (person/ event/situation) in about 100- 120 words based on visual or verbal cue/s</li> </ul>
	<i>A Truly Beautiful Mind</i>	<ul style="list-style-type: none"> <li>• Humanitarian aspect of a scientist</li> </ul>
	<i>Iswaran the Storyteller</i>	<ul style="list-style-type: none"> <li>• Skill of narration</li> </ul>
	<i>Writing Skills- Diary Entry</i>	<ul style="list-style-type: none"> <li>• To develop students' sensitivity and appreciation of their own feelings and expressing the same</li> </ul>
	<b>First Unit Test from 28.7.2025 to 02.08.2025</b>	
<i>August</i>	<i>The Happy Prince</i>	<ul style="list-style-type: none"> <li>• The importance of love, sacrifice, charity and happiness in one's life</li> </ul>
	<i>In the Kingdom of Fools</i>	<ul style="list-style-type: none"> <li>• Indecisiveness resulting in suffering</li> </ul>
	<i>Words &amp; Expressions: I- Unit 4 &amp; 5</i>	<ul style="list-style-type: none"> <li>• Explanation and Practice</li> </ul>
	<i>Poem-The Lake Isle of Innisfree</i>	<ul style="list-style-type: none"> <li>• Yearning for peace and tranquility</li> </ul>
	<i>The Snake and the Mirror</i>	<ul style="list-style-type: none"> <li>• Significance of self-discovery</li> </ul>
	<i>Grammar-Subject-Verb Concord</i>	<ul style="list-style-type: none"> <li>• Explanation and Practice</li> </ul>
	<i>Grammar -Reported Speech</i> 1) Commands & Requests 2) Statements 3) Questions	<ul style="list-style-type: none"> <li>• Explanation and Practice</li> </ul>
<i>September</i>	<i>Poem -A Legend of the Northland</i>	<ul style="list-style-type: none"> <li>• Understanding the consequences of greed</li> </ul>
	<i>Grammar – Modals</i>	<ul style="list-style-type: none"> <li>• Explanation and Practice</li> </ul>
	<i>Words &amp; Expressions: I-Unit 6 &amp; Unit 8</i>	<ul style="list-style-type: none"> <li>• Explanation and Practice</li> </ul>
	<i>Poem – No Men are Foreign</i>	<ul style="list-style-type: none"> <li>• Understanding the importance of Universal Brotherhood &amp; Mutual Understanding</li> </ul>
	<b>First Term Examination from 18.09.2025 to 30.09.2025</b>	

<i>Month</i>	<i>Concept/Content</i>	<i>Objective/Theme/Skills</i>
<b>October</b>	<i>My Childhood</i>	<ul style="list-style-type: none"> <li>Transformation of the society</li> </ul>
	<i>The Last Leaf</i>	<ul style="list-style-type: none"> <li>A friend in need is a friend indeed</li> <li>To understand how patience is the plaster of all sorrows</li> </ul>
	<i>Words &amp; Expressions: I-Unit 10 &amp; Unit 11</i>	<ul style="list-style-type: none"> <li>Explanation and Practice</li> </ul>
	<i>Reach for the Top</i>	<ul style="list-style-type: none"> <li>Perseverance: A key to Success</li> </ul>
	<i>Poem – On Killing a Tree</i>	<ul style="list-style-type: none"> <li>Conservation of Trees</li> </ul>
<b>November</b>	<i>Kathmandu</i>	<ul style="list-style-type: none"> <li>A Travelogue</li> </ul>
	<i>Poem - A Slumber Did My Spirit Seal</i>	<ul style="list-style-type: none"> <li>A fond remembrance of a beloved</li> </ul>
	<i>A House Is Not a Home</i>	<ul style="list-style-type: none"> <li>Learning to overcome the challenges of being a teenager and the problems of growing up</li> </ul>
	<i>The Beggar</i>	<ul style="list-style-type: none"> <li>Changing inside out</li> </ul>
	<i>If I Were You</i>	<ul style="list-style-type: none"> <li>One act play which exemplifies wit and irony</li> <li>Over smartness can always be outwitted</li> </ul>
<b>December</b>	<b><i>Pre-Annual Examination from 01.12.2025 to 13.12.2025</i></b>	
	<i>Revision</i>	
<b>January</b>	<i>Revision</i>	
<b>February</b>	<i>Revision</i>	
<b>March</b>	<b><i>Final Term Examination 02.03.2026 to 18.03.2026</i></b>	

# HINDI

## प्रस्तावना

### पाठ्यक्रम में हिंदी विषय की उपयोगिता

भाषा मनुष्य के बीच संवाद का माध्यम ही नहीं है अपितु भाषा में मनुष्य के संस्कार, उसकी अस्मिता और पीढ़ियों से संचित गौरव अंतर्निहित है।

एक ओर जहाँ भाषा मनुष्य को सभ्यता, संस्कृति, साहित्य और ज्ञान—विज्ञान की विरासत को अक्षुण्ण रखती है वहीं आधुनिक संदर्भों में विकास के प्रतीकों को राष्ट्र के गौरव के रूप में सहजने का कार्य भी करती है। अतः संवैधानिक रूप से भारत की प्रथम राजभाषा तथा सर्वाधिक बोली और समझे जानी वाली भाषा हिंदी का पाठ्यक्रम में चयन विभिन्न उद्देश्यों को ध्यान में रखते हुए किया गया है जिसमें विद्यार्थियों का भाषिक दायरा एवं वैचारिक समृद्धि का विकास, सृजनात्मकता और संवेदनशीलता का परिष्कार, सौंदर्य बोध की समृद्धि, जीवन के विविध संदर्भों से जोड़ने वाले मानवीय गुणों का विकास आदि प्रमुख हैं।

### हिंदी भाषा शिक्षण के विशिष्ट उद्देश्य—

1. विद्यार्थियों को हिंदी साहित्य की समृद्धि और शक्ति से परिचित कराना।
2. विद्यार्थियों में कल्पनाशीलता, विस्मय, कौतुहल, जिज्ञासा एवं सृजनात्मकता का विकास करना
3. भाषा एवं साहित्य के माध्यम से सांस्कृतिक धरोहर से विद्यार्थियों को जोड़ने का प्रयास करना
4. गद्य विधाओं के माध्यम से वैयक्तिक गुणों और क्षमताओं का विकास करना
5. परंपरागत पद्धतियों से आगे बढ़कर आधुनिक जीवन के परिवेश, समकालीन यथार्थ तथा मानवीय मूल्यों के प्रति अडिग आस्था विकसित करना।

**पाठ्यचर्या**

**शिक्षार्थियों में श्रवण, कथन, पठन एवं लेखन कौशल में दक्षता हेतु आयाम**

माह	अवधारणा	कौशल श्रवण – कथन – पठन – लेखन – कौशल
अप्रैल	हिंदी भाषा का स्वरूप	• वर्णमाला मात्रा / वर्तनी
	दो बैलों की कथा – प्रेमचंद	• कहानी का पठन–पाठन, सरलीकरण • वस्तुनिष्ठ प्रश्न, प्रश्नोत्तर
	अनुच्छेद लेखन	• अभ्यास पत्रक के माध्यम से
	पत्र लेखन	• अभ्यास पत्रक के माध्यम से
	साखिया और सबद – कबीरदास	• भक्तिकाल और कबीरदास व्याख्या, • सरलीकरण, वस्तुनिष्ठ प्रश्न, प्रश्नोत्तर
	अलंकार – अनुप्रास, यमक, श्लेष	• परिभाषा, प्रकार, उदाहरण एवं वस्तुनिष्ठ प्रश्न
जून	इस जल प्रलय में – फणीश्वरनाथ रेणु	• आदर्श – अनुकरण वाचन, प्रश्नोत्तर
	वाक्यभेद	• परिभाषा, प्रकार एवं उदाहरण
	अपठित गद्यांश/काव्यांश	• अभ्यास पत्रक के माध्यम से
जुलाई	ल्हासा की ओर – राहुल सांकृत्यायन	• ल्हासा और तिब्बती समाज
	शब्द निर्माण – उपसर्ग, प्रत्यय और समास	• परिभाषा, प्रकार एवं उदाहरण
	पुनरावलोकन	• अभ्यास पत्रक के माध्यम से
	उपभोक्तावाद की संस्कृति – श्यामाचरणदुबे	• व्याख्या, सरलीकरण, प्रश्नोत्तर
<b>Unit Test-1 from 28.07.2025 to 02.08.2025</b>		
अगस्त	वाख – ललदयद	• व्याख्या, सरलीकरण, वस्तुनिष्ठ प्रश्न, प्रश्नोत्तर
	साँवले सपनों की याद – जाबिर हुसैन	• पक्षी विज्ञान एवं सालिम अली व्याख्या, सरलीकरण, वस्तुनिष्ठ प्रश्न, प्रश्नोत्तर
	मेरे संग की औरतें – मृदुला गर्ग	• आदर्श – अनुकरण वाचन एवं प्रश्नोत्तर
	लघुकथा लेखन	• अभ्यास पत्रक के माध्यम से

माह	अवधारणा	कौशल श्रवण – कथन – पठन – लेखन – कौशल
सितंबर	मेघ आए – सर्वेश्वर दयाल सक्सेना	• व्याख्या, सरलीकरण, वस्तुनिष्ठ प्रश्न, प्रश्नोत्तर
	प्रेमचंद के फटे जूते – हरिशंकर परसाई	• आदर्श – अनुकरण वाचन एवं प्रश्नोत्तर, व्याख्या, सरलीकरण, वस्तुनिष्ठप्रश्न, प्रश्नोत्तर ।
	ई–मेल लेखन	• अभ्यास पत्रक के माध्यम से
<i>First Term Examination from 18.09.2025 to 30.09.2025</i>		
अक्टूबर	कैदी और कोकिला – माखनलाल	• व्याख्या, सरलीकरण, वस्तुनिष्ठ प्रश्न, प्रश्नोत्तर
	रीढ़ की हड्डी – जगदीश चन्द्र माथुर	• आदर्श – अनुकरण वाचन एवं प्रश्नोत्तर
	सवैये – रसखान	• भक्तिकाल एवं रसखान व्याख्या एवं प्रश्नोत्तर
नवंबर	मेरे बचपन के दिन – महादेवी वर्मा	• व्याख्या, सरलीकरण, वस्तुनिष्ठ प्रश्न, प्रश्नोत्तर
	ग्रामश्री – सुमित्रानंदन पंत	• व्याख्या, काठिन्य निवारण एवं प्रश्नोत्तर
	संवादलेखन	• अभ्यास पत्रक के माध्यम से
	बच्चे काम पर जा रहे हैं – राजेश जोशी	• व्याख्या, सरलीकरण, वस्तुनिष्ठ प्रश्न, प्रश्नोत्तर
	सूचना लेखन	• अभ्यास पत्रक के माध्यम से
दिसंबर	पुनरावलोकन	• अभ्यास पत्रक के माध्यम से
		•
<i>Pre-Annual Examination from 01.12.2025 to 13.12.2025</i>		
जनवरी	पुनरावलोकन	• अभ्यास पत्रक के माध्यम से
फरवरी	पुनरावलोकन	• अभ्यास पत्रक के माध्यम से
मार्च	<i>Final Term Examination from 02.03.2026 to 18.03.2026</i>	

# MATHEMATICS

## GENERAL OBJECTIVE

- Consolidate the Mathematical knowledge and skills acquired at the upper primary stage;
- Acquire knowledge and understanding, particularly by way of motivation and visualization, of basic concepts, terms, principles and symbols and underlying process and skills; develop mastery of basic algebraic skills;
- Feel the flow of reason while proving a result or solving a problem;
- To develop awareness of the need of national integration protection of environment, observance of small family norms, removal of social barriers, elimination of gender biases;
- To develop interest in mathematics as a problem-solving tool in various fields for its beautiful structures and patterns, etc.
- To develop reverence and respect towards great Mathematicians for their contributions to the field of Mathematics;
- To develop an interest in students to study mathematics as a discipline.

## SPECIFIC OBJECTIVE

- Develop drawing skills;
- To develop positive ability to think, analyze and articulate logically;
- To develop necessary skills to work with modern technological devices such as calculators, computers, etc.
- To develop interest in the subject by participating in related competitions;
- To acquaint students with different aspects of mathematics used in daily life;



<i>Month</i>	<i>Concept</i>	<i>Sub-Concepts</i>
<i>April</i>	<i>Number System</i>	<ul style="list-style-type: none"> <li>• <i>Types of numbers</i></li> <li>• <i>Finding Rational Numbers</i></li> <li>• <i>Real Numbers and their decimal expansions</i></li> <li>• <i>Representing real numbers on the number line</i></li> <li>• <i>Operations on real numbers</i></li> <li>• <i>Laws of exponents of real numbers</i></li> </ul>
<i>June</i>	<i>Polynomials</i>	<ul style="list-style-type: none"> <li>• <i>Definition</i></li> <li>• <i>Polynomial in one variable and its types.</i></li> <li>• <i>Degree of polynomial &amp; types of polynomials on the basis of degree</i></li> <li>• <i>Zeros of polynomials</i></li> </ul>
<i>July</i>	<i>Polynomials (Contd. ...)</i>	<ul style="list-style-type: none"> <li>• <i>Remainder Theorem</i></li> <li>• <i>Factor Theorem</i></li> <li>• <i>Factorization in Polynomials</i></li> <li>• <i>Algebraic Identities</i></li> </ul>
	<i>Co-ordinate Geometry</i>	<ul style="list-style-type: none"> <li>• <i>Cartesian plane</i></li> <li>• <i>Co-ordinate axis</i></li> <li>• <i>Quadrants</i></li> <li>• <i>Plotting the points in the plane</i></li> </ul>
<b><i>First Unit Test from 28.7.2025 to 02.08.2025</i></b>		
<i>August</i>	<i>Lines and Angles</i>	<ul style="list-style-type: none"> <li>• <i>Basic terms &amp; Definitions</i></li> <li>• <i>Intersecting and Non-Intersecting Lines</i></li> <li>• <i>Pairs of angles and parallel lines</i></li> <li>• <i>Angle sum properties of a triangle</i></li> </ul>
	<i>Introductions to Euclid's Geometry</i>	<ul style="list-style-type: none"> <li>• <i>Definitions, axioms, postulates</i></li> <li>• <i>Equivalent version of Euclid's V postulate</i></li> </ul>
	<i>Statistics</i>	<ul style="list-style-type: none"> <li>• <i>Graphical representation of data (Bar Graph, Histogram, Frequency Polygon)</i></li> </ul>
<i>September</i>	<i>Triangles</i>	<ul style="list-style-type: none"> <li>• <i>Congruency of triangles</i></li> <li>• <i>Criteria of congruency of triangles</i></li> <li>• <i>Some properties of triangles</i></li> </ul>
	<i>Linear Equations in Two Variables</i>	<ul style="list-style-type: none"> <li>• <i>Equations, Linear Equations (One &amp; Two Variables)</i></li> <li>• <i>Solutions of Linear Equations</i></li> <li>• <i>Graphs of Equations</i></li> <li>• <i>Word Problems of Linear Equations</i></li> </ul>
	<b><i>First Term Examination from 18.09.2025 to 30.09.2025</i></b>	
<i>October</i>	<i>Quadrilaterals</i>	<ul style="list-style-type: none"> <li>• <i>Angle sum property of quadrilateral, Types of quad.</i></li> <li>• <i>Property of parallelogram and problems on them</i></li> <li>• <i>Mid-point theorem and its converse</i></li> </ul>
	<i>Heron's Formula</i>	<ul style="list-style-type: none"> <li>• <i>Area of triangle using Heron's Formula</i></li> </ul>

<i>Month</i>	<i>Concept</i>	<i>Sub-Concepts</i>
<i>November</i>	<i>Circles</i>	<ul style="list-style-type: none"><li>• <i>Definitions</i></li><li>• <i>Angle Subtended by a chord</i></li><li>• <i>Perpendicular from centre to chord</i></li><li>• <i>Angle subtended by an arc</i></li><li>• <i>Cyclic quadrilaterals</i></li></ul>
	<i>Surface Area &amp; Volumes</i>	<ul style="list-style-type: none"><li>• <i>S. A. of cone</i></li><li>• <i>S. A. of spheres and hemisphere</i></li><li>• <i>Volume of cone</i></li><li>• <i>Volume of Sphere, Hemisphere</i></li></ul>
<i>December</i>	<i>Revision</i>	
	<i>Pre-Annual Examination from 01.12.2025 to 13.12.2025</i>	
<i>January</i>	<i>Revision</i>	
<i>February</i>	<i>Revision, Mocktest</i>	
<i>March</i>	<i>Final Term Examination 02.03.2026 to 18.03.2026</i>	

*List of Suggestive Tools for Maths*

- *Written Test,*
- *Lab Activity,*
- *Home Assignment,*
- *MCQ,*
- *Oral,*
- *PPT,*
- *Project Work, etc.*

# SOCIAL SCIENCE

## **SOCIAL SCIENCE**

### ***Rationale***

*Social Science is a compulsory subject upto secondary stage of school education. It is an integral component of general education because it helps the learners in understanding the environment in its totality and developing a broader perspective and an empirical, reasonable and humane outlook. This is of crucial importance because it helps them grow into well-informed and responsible citizens with necessary attributes and skills for being able to participate and contribute effectively in the process of development and nation building.*

### ***Objectives of learning of social science***

#### ***General objective of learning social science***

- *To develop an understanding of contemporary India with its historical perspective, of the basic framework of the goals and policies of national development in independent India, and of the process of change with appropriate connections to world development.*
- *To deepen knowledge about the understanding of India's freedom struggle and of the values and ideals that it represented, and to develop an appreciation of the contributions made by people of all sections and regions of the country.*
- *To help learners understand and cherish the values enshrined in the Indian Constitution and to prepare them for their roles and responsibilities as effective citizens of a democratic society.*
- *To deepen the knowledge and understanding of India's environment in its totality, their interactive processes and effects on the future quality of people's lives.*
- *To facilitate the learners to understand and appreciate the diversity in the land and people of the country with its underlying unity.*
- *To develop an appreciation of the richness and variety of India's heritage-both natural and cultural and the need for its preservation.*
- *To develop qualities clustered around the personal, social, moral, national and spiritual values that make a person humane and socially effective.*

#### ***Specific objective of learning social science***

- *To develop an understanding of the processes of change and development spatio temporal, through which human societies have evolved.*
- *To make learners realize that the process of change is perpetual and any event or phenomenon or issue cannot be viewed in isolation but in a wider context of time and space.*
- *To promote an understanding of the issues and challenges of contemporary India- environmental, economic and social, as part of the development process*
- *To help pupils acquire knowledge, skills and understanding to face the challenges of contemporary society as individual's and groups and learn the art of living a confident and stress-free life as well as participating effectively in the community.*
- *To develop scientific temper by promoting the spirit of enquiry and following a rational and objective approach in analyzing and evaluating data and information as well as views and interpretations*
- *To develop academic and social skills such as critical thinking, communicating effectively both in visual and verbal forms-cooperating with others, taking initiatives and providing leadership in solving others problems.*

<i><b>MONTH</b></i>	<i><b>Concept / Content</b></i>	<i><b>Sub- Concept</b></i>
<i><b>APRIL</b></i>	<i>Geography– (India-Size and Location)</i>	<ul style="list-style-type: none"> <li>• <i>India -Latitude &amp; Longitude</i></li> <li>• <i>India &amp; the World</i></li> <li>• <i>India’s Neighbours</i></li> </ul>
	<i>Economics– ( People as Resource )</i>	<ul style="list-style-type: none"> <li>• <i>Meaning of People as Resource</i></li> <li>• <i>Human Capital Formation</i></li> <li>• <i>Role of Education in Human Capital Formation</i></li> <li>• <i>Role of Health in Human Capital Formation</i></li> <li>• <i>Measures taken for Human Capital Formation</i></li> </ul>
	<i>Democratic Politics– (What is Democracy?) (Why Democracy?)</i>	<ul style="list-style-type: none"> <li>• <i>Defining Democracy</i></li> <li>• <i>Features of Democracy</i></li> <li>• <i>Arguments Against Democracy</i></li> <li>• <i>Arguments For Democracy</i></li> <li>• <i>Broader Meaning of Democracy</i></li> </ul>
<i><b>June</b></i>	<i>History– ( The French Revolution)</i>	<ul style="list-style-type: none"> <li>• <i>Causes of French Revolution</i></li> <li>• <i>Structure of French Society</i></li> <li>• <i>Course of Revolution (5 May-1789 to Sep 1792)</i></li> <li>• <i>France as a Republic</i></li> <li>• <i>Directory Rule and Napoleon</i></li> <li>• <i>Women &amp; Revolution</i></li> <li>• <i>Abolition of Slavery</i></li> <li>• <i>Legacy of French Revolution</i></li> </ul>
<i><b>July</b></i>	<i>Geography– ( Physical Features of India)</i>	<ul style="list-style-type: none"> <li>• <i>Major physiographic division</i></li> <li>• <i>The Himalayan Mountains</i></li> <li>• <i>The Northen plains</i></li> <li>• <i>The peninsular plateau</i></li> <li>• <i>The Indian Desert</i></li> <li>• <i>The Coastal plains</i></li> <li>• <i>The Islands</i></li> </ul>
	<i>Democratic Politics – (Constitutional Design)</i>	<ul style="list-style-type: none"> <li>• <i>Constitution : Concept</i></li> <li>• <i>Why do we need a Constitution</i></li> <li>• <i>Making of Indian Constitution</i></li> <li>• <i>Preamble</i></li> </ul>
<i><b>First Unit Test from 28.07.2025 to 02.08.2025</b></i>		

<i><b>MONTH</b></i>	<i><b>Concept / Content</b></i>	<i><b>Sub- Concept</b></i>
<i><b>August</b></i>	<i>Geography – (Drainage)</i>	<ul style="list-style-type: none"> <li>• Drainage System in India</li> <li>• Himalayan &amp; Peninsular Rivers</li> <li>• Economic Importance of Rivers &amp; Lakes</li> <li>• River Pollution</li> </ul>
	<i>History– (Socialism in Europe and the Russian Revolution )</i>	<ul style="list-style-type: none"> <li>• The age of social change</li> <li>• Liberals, Radicals, conservatives</li> <li>• Industrial society and social change</li> <li>• The coming of socialism to Europe</li> <li>• Support for socialism</li> <li>• The Russian Revolution</li> <li>• The Russian Empire in 1914</li> <li>• Economy and Society</li> <li>• Socialism in Russia</li> <li>• The first world war and the Russian empire</li> <li>• The February Revolution</li> <li>• The Revolution of October 1917</li> <li>• What changed after October</li> <li>• The Civil War</li> <li>• Making a Socialist Society</li> <li>• Stalinism and Collectivisation, Global Influence</li> </ul>
	<i>Economics – ( Poverty as a Challenge)</i>	<ul style="list-style-type: none"> <li>• Meaning of Poverty</li> <li>• Vulnerable Groups ,Poverty Estimation</li> <li>• Interstate and Global Poverty Scenario</li> <li>• Causes of Poverty</li> <li>• □Poverty Alleviation Programmes</li> </ul>
<i><b>September</b></i>	<i>History – (Nazism and The Rise of Hitler)</i>	<ul style="list-style-type: none"> <li>• World War I &amp; Treaty of Versailles</li> <li>• Birth of Weimar Republic &amp; Reasons for its Failure</li> <li>• Hitler's Rise to Power</li> <li>• Destruction of Democracy and World War II</li> <li>• The Nazi Worldview</li> <li>• Youth in Nazi</li> <li>• Ordinary People and Crimes Against Humanity</li> </ul>
	<i>Democratic Politics– (Electoral Politics)</i>	<ul style="list-style-type: none"> <li>• Why Election? (Meaning &amp; Need of Election)</li> <li>• Electoral Process in India</li> <li>• What makes Election in India Democratic?</li> <li>• Challenges to Free and Fair Election</li> <li>• Political Competition– Merits and Demerits</li> <li>• People Participation– A comparison</li> </ul>
	<i><b>First Term Examination from 18.09.2025 to 30.09.2025</b></i>	
<i><b>October</b></i>	<i>Geography – (Climate)</i>	<ul style="list-style-type: none"> <li>• Climate and Weather</li> <li>• Factors affecting Climate</li> <li>• Indian Monsoon</li> <li>• The Seasons ( Cold, Rainy, Hot)</li> <li>• Distribution of Rainfall</li> <li>• Monsoon as an Unifying Bond</li> </ul>
	<i>Democratic Politics– (Working of Institutions)</i>	<ul style="list-style-type: none"> <li>• Office Memorandum</li> <li>• Need of Political Institution</li> <li>• Parliament and its functions</li> <li>• Executives(PM, President)</li> <li>• Judiciary</li> </ul>

<i>MONTH</i>	<i>Concept / Content</i>	<i>Sub- Concept</i>
<i>November</i>	<i>Democratic Politics- (Democratic Rights)</i>	<ul style="list-style-type: none"> <li>• <i>Life Without Rights Case Study of Saudi Arabia and Kosovo</i></li> <li>• <i>Rights- Meaning</i></li> <li>• <i>Needs of Rights</i></li> <li>• <i>Fundamental Rights</i></li> <li>• <i>Expanding Scope of Rights</i></li> <li>• <i>NHRC and PIL</i></li> </ul>
	<i>Geography- (Population)</i>	<ul style="list-style-type: none"> <li>• <i>Size and distribution of population-India</i></li> <li>• <i>Population density</i></li> <li>• <i>Population growth and population change</i></li> <li>• <i>Sex ratio</i></li> <li>• <i>Literacy rate and Health</i></li> <li>• <i>National Population Policy</i></li> </ul>
	<i>Economics- (Food Security)</i>	<ul style="list-style-type: none"> <li>• <i>What is Food Security</i></li> <li>• <i>Need of Food Security</i></li> <li>• <i>Who are Food insecure</i></li> <li>• <i>Steps taken for Attaining Food Security- Green Revolution, Buffer Stock, PDS etc.</i></li> <li>• <i>Role of Cooperatives in Food Security</i></li> </ul>
<i>December</i>	<i>Pre-Annual Examinations from 01.12.2025 to 13.12.2025</i>	
<i>January</i>	<i>Revision</i>	
<i>February</i>	<i>Revision and Mock Test</i>	
<i>March</i>	<i>Final Term Examination 02.03.2026 to 18.03.2026</i>	

**LIST OF SUGGESTIVE TOOLS FOR SOCIAL SCIENCE**

- *Project work*
- *Map skills*
- *Written Assignment*

# SCIENCE

## OVERVIEW OF SCIENCE

*The subject of Science plays an important role in developing well-defined abilities in cognitive, affective and psychomotor domains in children. It augments the spirit of enquiry, creativity, objectivity and aesthetic sensibility.*

*Whereas the upper primary stage demands that a number of opportunities should be provided to the students to engage them with the processes of Science like observing, recording observation, drawing tabulation, plotting graphs, etc., the secondary stage expects abstraction and quantitative reasoning occupy a more central place in the teaching and learning of Science. Thus, the idea of atoms and molecules being the building blocks of matter makes its appearance, as does Newton's law of gravitation.*

*The present syllabus has been designed around six broad themes viz. Food, Materials, The World of the Living, How things Work, Moving Things, People and Ideas, Natural Phenomenon and Natural Resources Special care has been taken to avoid temptation of adding too many concepts than can be comfortably learnt in the given time frame. No attempt has been made to be comprehensive.*

*At this stage, while science is still a common subject, the disciplines of Physics, Chemistry and Biology being to emerge.*

*The student should be exposed to experience as well as modes of reasoning that are typical of the subject*

## GENERAL OBJECTIVE OF TEACHING SCIENCE

- Consolidate the science knowledge and skill acquired at the upper primary stage
- Develop drawing skill
- To develop the reasoning skills.
- To develop awareness of the need for national integration protection of environment, observance of small family norms, removal of social barriers elimination of gender biases
- To develop interest in science as a problem solving tool in various fields such as modern technology medical, agriculture.
- A scientific understanding of the living world
- Mental and motor abilities appropriate to the acquisition and use of scientific understanding
- An appreciation of the products and influences of science and technology, balanced by a concern for their wise application
- An understanding of the nature and limitations of scientific activity
- An ability to apply scientific understanding to appropriate problems(including those of everyday life) and to approach those problems in rational ways
- Respect for evidence, rationality and intellectual honesty
- Capacities to express themselves coherently and logically, both orally and in writing, and to use appropriately modes of communication characteristic of scientific work
- An ability to work effectively with others.
- Cognitive, affective, and psychomotor abilities appropriate to the acquisition and use of scientific knowledge, understanding, attitude, and skills.

### ***SPECIFIC OBJECTIVES OF TEACHING SCIENCE***

- *Detailed understanding of human system*
- *Awareness towards environment values*
- *To enable students, give example of moving bodies and bodies at rest or motion*
- *To give reason for things going on in daily life*
- *To understand concept of work, energy and propagation of sound*
- *To enable the students to classify matter and compare properties of matter*
- *Enable to student explain role of colloids in everyday life*
- *Enable to students to appreciate various model of atom*



# PHYSICS

Month	Concept	Sub-Concept
April	Motion	<ul style="list-style-type: none"><li>Motion and its types</li><li>Distance and displacement</li><li>Speed and Velocity</li><li>Uniform and non uniform motion along a straight line</li><li>acceleration</li></ul>
June	Motion (Contd....)	<ul style="list-style-type: none"><li>Distance-time and velocity-time graphs for uniform motion and uniformly accelerted motion</li><li>Elementry idea of uniform circular motion</li></ul>
July	Force & Laws of Motion	<ul style="list-style-type: none"><li>Force and motion</li><li>Newton's laws of motion</li><li>Action and reaction forces</li><li>Inertia of a body</li><li>Inertia and mass</li><li>Momentum, force &amp; acceleration</li><li>Elementary idea of conservation of momentum.</li></ul>
Unit Test from 28.07.2025 to 02.08.2025		
August	Gravitation	<ul style="list-style-type: none"><li>Gravitation</li><li>Universal law of gravitation</li><li>Force of gravitation of the earth (gravity)</li><li>Acceleration due to gravity</li><li>mass and weight</li><li>Free fall</li></ul>
	Floatation	<ul style="list-style-type: none"><li>Thrust and pressure</li><li>Buoyancy</li><li>Archimedes' principle</li></ul>
September	Work, Energy & Power	<ul style="list-style-type: none"><li>Work done by a force</li><li>Energy</li></ul>
First Term Examination from 18.09.2025 to 30.09.2025		
October	Work, Energy & Power (Cont....	<ul style="list-style-type: none"><li>Power</li><li>Kinetic energy</li><li>Potential energy</li><li>Law of conservation of energy (excluding commercial unit of energy)</li></ul>
	Practicals	<ul style="list-style-type: none"><li><b>Experiment No. 1</b> - Determination of the density of solid (denser than water) by using a spring balance and a measuring cylinder.</li><li><b>Experiment No. 2</b> - Establisging the relation between the loss in weight of solid when fully immersed in (a) Tap water (b) Strongly salty water with weight of water displaced by it by taking at least two different solids)</li></ul>

<i>Month</i>	<i>Concept</i>	<i>Sub-Concept</i>
<i>November</i>	<i>Sound</i>	<ul style="list-style-type: none"> <li>• <i>Nature of sound and propagation of sound in various media</i></li> <li>• <i>Speed of sound</i></li> </ul>
	<i>Sound (Contd....)</i>	<ul style="list-style-type: none"> <li>• <i>Range of Hearing in humans</i></li> <li>• <i>Reflection of sound</i></li> <li>• <i>Echo</i></li> <li>• <i>Ultrasound</i></li> </ul>
	<i>Practicals</i>	<ul style="list-style-type: none"> <li>• <b>Experiment No. 3</b> - <i>To verify laws of reflection of sound</i></li> <li>• <b>Experiment No. 4</b> - <i>Determination of speed of a pulse propagated through a stretched string / slinky (Helical Spring)</i></li> </ul>
<i>December</i>	<i>Pre Annual Examination from 02.12.2025 to 13.12.2025</i>	
	<i>Revision</i>	
<i>January</i>	<i>Revision</i>	<ul style="list-style-type: none"> <li>• <i>Revision by worksheet, sample papers, last year papers etc.</i></li> </ul>
<i>February</i>	<i>Revision</i>	<ul style="list-style-type: none"> <li>• <i>Revision by worksheet, sample papers, last year papers etc.</i></li> </ul>
<i>March</i>	<i>Final Term Examination from 02.03.2026 to 18.03.2026</i>	

# CHEMISTRY

<i>Month</i>	<i>Concept</i>	<i>Sub-Concept</i>
<i>April</i>	<i>Matter in our Surroundings</i>	<ul style="list-style-type: none"> <li>• <i>Definition of matter</i></li> <li>• <i>Characteristics of particles of Matter</i></li> <li>• <i>Solid, Liquid Gas</i></li> <li>• <i>Characterstics - shape, volume, density</i></li> <li>• <i>Change of state - metling, freezing, condensation and sublimation.</i></li> </ul>
<i>June</i>	<i>Matter in our Surroundings (Contd..)</i>	<ul style="list-style-type: none"> <li>• <i>Evoporation</i></li> <li>• <i>Factors affecting evaporation</i></li> <li>• <i>Cooling by evaporation</i></li> </ul>
	<i>Practical</i>	<ul style="list-style-type: none"> <li>• <i>Preparation of solution, suspension, colloid</i></li> </ul>
<i>July</i>	<i>Matter in our Surroundings (Contd..)</i>	<ul style="list-style-type: none"> <li>• <i>Some Examples of cooling caused by Evaporation</i></li> </ul>
	<i>Is Matter Around us Pure?</i>	<ul style="list-style-type: none"> <li>• <i>Elements, compounds and mixtures.</i></li> <li>• <i>Heterogeneous and homogenous mixtures</i></li> </ul>
	<i>Practicals</i>	<ul style="list-style-type: none"> <li>• <i>To prepare mixture and compound and study their properties</i></li> <li>• <i>To determine the melting and boiling point.</i></li> </ul>
	<b><i>Unit Test From 28.07.2025 to 02.08.2025</i></b>	
<i>August</i>	<i>Is Matter Around us Pure? (Contd..)</i>	<ul style="list-style-type: none"> <li>• <i>Colloids and suspensions</i></li> <li>• <i>Physical and chemical changes (exclusing separating the components of a mixture.</i></li> </ul>
<i>September</i>	<i>Atoms and molecules</i>	<ul style="list-style-type: none"> <li>• <i>Atoms and Molecules</i></li> <li>• <i>Law of Chemical Combination</i></li> <li>• <i>Chemical formula of common compounds</i></li> </ul>
	<b><i>First Term Examination from 18.09.2025 to 30.09.2025</i></b>	
<i>October</i>	<i>Atoms and molecules</i>	<ul style="list-style-type: none"> <li>• <i>Atomic and molecular mass</i></li> </ul>
	<i>Practical</i>	<ul style="list-style-type: none"> <li>• <i>Classification of physical and chemical changes</i></li> </ul>
<i>November</i>	<i>Structure of the Atom</i>	<ul style="list-style-type: none"> <li>• <i>Electrons, protons and neutrons.</i></li> <li>• <i>Models of atom</i></li> </ul>
	<i>Practial</i>	<ul style="list-style-type: none"> <li>• <i>Law of conservation mass</i></li> </ul>

<i>Month</i>	<i>Concept</i>	<i>Sub-Concept</i>
<i>December</i>	<i>Structure of the Atom (contd....)</i>	<ul style="list-style-type: none"><li>• <i>Valency</i></li><li>• <i>Atomic number</i></li><li>• <i>Mass number Isotopes</i></li><li>• <i>Isobars</i></li></ul>
<i>Pre-Annual Examinations from 01.12.2025 to 13.12.2025</i>		
<i>January</i>	<i>Revision</i>	
<i>February</i>	<i>Revision</i>	
<i>March</i>	<i>Final Term Examination from 02.03.2026 to 18.03.2026</i>	

# BIOLOGY

Month	Concept	Sub-Concept
April	The Fundamental Unit of Life	<ul style="list-style-type: none"><li>• Concept &amp; Characteristics of Cell</li><li>• Discovery of Cell</li><li>• Cell Theory</li><li>• Shape and function relation in cell</li><li>• Prokaryotic and Eukaryotic cell</li><li>• Multicellular organisms</li></ul>
June	The Fundamental Unit of Life (Contd....)	<ul style="list-style-type: none"><li>• Cell wall, cell membrane, Diffusion &amp; Osmosis</li><li>• Cytoplasm</li></ul>
July	The Fundamental Unit of Life (Contd....)	<ul style="list-style-type: none"><li>• Cell Organelles– Nucleus, ER, Golgi apparatus,</li></ul>
	Unit Test From 28.07.2025 to 02.08.2025	
July	<div>The Fundamental Unit of Life (Contd....)</div> <div>Practical</div>	<ul style="list-style-type: none"><li>• Plastids, Mitochondria, Vacuoles, Lysosome, Ribosome</li><li>• Chromosomes – basic structure and number, Cell division– [Diagram, Structure &amp; Function]</li><li>• Preparation of stained temporary mounts of (a) onion peel, (b) human cheek cells &amp; to record observations and draw their labeled diagrams</li></ul>
August	Tissues	<ul style="list-style-type: none"><li>• Concept of Tissue</li><li>• Plant Tissue</li><li>• Meristematic, Permanent, Complex Tissue</li><li>• Animal Tissue</li><li>• Epithelial Tissue</li></ul>
September	<div>Tissues (Contd....)</div> <div>Practical</div>	<ul style="list-style-type: none"><li>• Muscular Tissue</li><li>• Identification of Parenchyma, Collenchyma and Sclerenchyma tissues in plants, striped, smooth and cardiac muscle fibers and nerve cells in animals, from prepared slides. Draw their labeled diagrams.</li><li>• Revision for Term I exam</li></ul>
First Term Examination from 18.09.2025 to 30.09.2025		
October	Tissues (Contd....)	<ul style="list-style-type: none"><li>• Connective Tissue, Nervous Tissue</li></ul>
November	Improvement in Food Resources	<ul style="list-style-type: none"><li>• Plant and animal breeding</li><li>• Selection for quality improvement and management</li><li>• Use of fertilizers and manures</li></ul>

<i>Month</i>	<i>Concept</i>	<i>Sub-Concept</i>
<i>December</i>	<i>Improvement in Food Resources (Contd...)</i>	<ul style="list-style-type: none"><li>• <i>Protection from pests and diseases</i></li><li>• <i>Organic farming</i></li></ul>
<i>Pre-Annual Examinations from 01.12.2025 to 13.12.2025</i>		
<i>January</i>	<i>Revision</i>	
<i>February</i>	<i>Revision</i>	
<i>March</i>	<i>Final Term Examination from 02.03.2026 to 18.03.2026</i>	

# FRENCH

## OVERVIEW

*In class IX students can choose Hindi or French as second language which they will study up to class X. In second language, there is an integration of all the four skills i.e. Listening, Speaking, Reading, and Writing. In addition to this, appropriate and correct expression of language is reinforced by understanding grammar.*

## OBJECTIVES

***By the end of class IX, students will be able to:-***

- *Utilize clear language and vocabulary that is easy to comprehend.*
- *Conjugate regular and irregular verbs.*
- *Use appropriate vocabulary to write a paragraph.*
- *Use vocabulary given in the text and analyze impact of some phrases with proper intonations.*
- *Use different words and expressions to convey the desired sequence of events.*
- *Use various kinds of sentences (Interrogative, exclamatory and imperative) in conversation.*
- *Use concepts like tenses in situational conversations.*
- *Write a demonstrative text that conveys the core idea of the subject by selecting, organizing and analysing the given content.*
- *Write on a simple subject with appropriate vocabulary, fine points and examples.*
- *Analyze how to use synonyms or better sounding words to give an impact that consists of all the essential points of the chapter or the text.*
- *Use different words and expressions to convey the desired sequence of events.]*
- *Develop skills to enhance the language by daily exercises of reading, writing, speaking and listening by using the material provided by the school as well as internet.*

<i>Month</i>	<i>Concepts</i>	<i>Sub-Concept</i>
<i>April</i>	<ul style="list-style-type: none"> <li>• <i>La Famille(Lesson-1)</i></li> <li>• <i>Numbers</i></li> <li>• <i>Definite, Indefinite, Partitive, Contracted Articles</i></li> <li>• <i>French Culture</i></li> <li>• <i>Form Filling</i></li> <li>• <i>Au Lycée(In the school) (Lesson-2)</i></li> <li>• <i>La sale de classe (Classroom)</i></li> <li>• <i>Demonstrative Adjective</i></li> <li>• <i>-IR verbs</i></li> <li>• <i>Prepositions</i></li> </ul>	<p><i>Will be able to:</i></p> <ul style="list-style-type: none"> <li>• <i>Learn about the family description in French.</i></li> <li>• <i>Present ourselves in French.</i></li> <li>• <i>Acquire knowledge of ER verbs.</i></li> <li>• <i>Learn Articles (Definite /indefinite).</i></li> <li>• <i>Definite, Indefinite, Partitive, Contracted Articles</i></li> <li>• <i>Salutations &amp; Learn French Culture.</i></li> <li>• <i>Learn how to form the Question .</i></li> <li>• <i>Describe a person.</i></li> <li>• <i>Identify things.</i></li> <li>• <i>Use Verbs (-ER and -IR) in the sentences.</i></li> </ul>
<i>June</i>	<ul style="list-style-type: none"> <li>• <i>Une Journée de Pauline (Lesson-3)</i></li> <li>• <i>L'heure (Time)</i></li> <li>• <i>Les repas (Food)</i></li> <li>• <i>-RE verbs</i></li> <li>• <i>Pronominal verbs(Reflexive Verbs)</i></li> </ul>	<ul style="list-style-type: none"> <li>• <i>Learn Partitive articles and Contracted articles.</i></li> <li>• <i>Acquire Knowledge of Days /Months.</i></li> <li>• <i>Use –RE verbs in the sentences.</i></li> <li>• <i>Propose things, Refuse things and Accept things.</i></li> <li>• <i>Use Reflexive Verbs.</i></li> <li>• <i>Write the daily routine</i></li> <li>• <i>Learn Basic Culture differences between India and France.</i></li> </ul>
<i>July</i>	<ul style="list-style-type: none"> <li>• <i>Les Saisons (Seasons)(Lesson-4)</i></li> <li>• <i>The Weather</i></li> <li>• <i>Future Tense</i></li> <li>• <i>Imperative</i></li> <li>• <i>Les Voyages(Travel)(Lesson-5)</i></li> <li>• <i>Means of Transportation</i></li> <li>• <i>Past Tense</i></li> <li>• <i>The Vacations</i></li> <li>• <i>Expression (Avoir/ être)</i></li> </ul>	<ul style="list-style-type: none"> <li>• <i>Learn the Tenses (Past and Future)</i></li> <li>• <i>Use the Auxiliary Verbes ( être and Avoir)</i></li> <li>• <i>Form Sentences using these tenses.</i></li> <li>• <i>Learn to speak about the weather and seasons.</i></li> <li>• <i>Write a post card .</i></li> <li>• <i>Give the suggestions and advice.</i></li> <li>• <i>Ask for the information and reserve a ticket.</i></li> </ul>
<b><i>First Unit Test from 28.07.2025 to 02.08.2025</i></b>		
<i>August</i>	<ul style="list-style-type: none"> <li>• <i>Les Loisirs et les sports (Hobbies and Sports)(Lesson-6)</i></li> <li>• <i>Pronominal verbs (Past tense)</i></li> <li>• <i>Interrogation</i></li> <li>• <i>Imparfait (Imperfect tense)</i></li> </ul>	<ul style="list-style-type: none"> <li>• <i>Express the obligation</i></li> <li>• <i>Talk about the sports and the hobbies</i></li> <li>• <i>Describe the past event using Imparfait (Imperfect tense)</i></li> <li>• <i>Learn the Interrogation</i></li> <li>• <i>Acquire knowledge about Negation (Expression)</i></li> </ul>
<i>September</i>	<ul style="list-style-type: none"> <li>• <i>L'argent de poche (Pocket Money)(Lesson-7)</i></li> <li>• <i>Negation</i></li> <li>• <i>Personal Pronouns (COD, COI)</i></li> <li>• <i>Interrogative Adjective</i></li> </ul>	<ul style="list-style-type: none"> <li>• <i>Learn the Compléments d'objet direct (COD) and Compléments d'objet indirect personal pronouns.</i></li> <li>• <i>Express his/her point of view .</i></li> <li>• <i>Learn the culture difference between the two countries.</i></li> <li>• <i>Acquire knowledge about Interrogative Adjective</i></li> <li>• <i>Use the Negative Expressions in the sentences.</i></li> </ul>
<b><i>First Term Examination from 18.09.2025 to 30.09.2025</i></b>		
<i>October</i>	<ul style="list-style-type: none"> <li>• <i>Faire des Achats(Do the Shopping)(Lesson-8)</i></li> <li>• <i>Vocabulary of the Shops</i></li> <li>• <i>Conditional Tense</i></li> <li>• <i>Pronoun &lt;&lt;en&gt;&gt;</i></li> <li>• <i>Un dîner en Famille (Lesson-9)</i></li> <li>• <i>&lt;&lt;y&gt;&gt; and &lt;&lt;en&gt;&gt; Pronouns</i></li> <li>• <i>Interrogative Pronouns</i></li> <li>• <i>Recent Past tense</i></li> </ul>	<ul style="list-style-type: none"> <li>• <i>Learn the Vocabulary of Shops .</i></li> <li>• <i>Express the quantity and quality</i></li> <li>• <i>Use the Conditional tense for politeness</i></li> <li>• <i>Learn about the pronouns &lt;y&gt;and &lt;en&gt;</i></li> <li>• <i>Make a recipe of a French dish.</i></li> <li>• <i>Invite someone and reserve a table</i></li> <li>• <i>Ask for his/her opinion.</i></li> <li>• <i>Express the desire or intentions.</i></li> </ul>



<i>Month</i>	<i>Concepts</i>	<i>Sub-Concept</i>
<i>November</i>	<ul style="list-style-type: none"><li>• <i>La mode (Fashion)(Lesson-10)</i></li><li>• <i>Vocabulary of Clothes</i></li><li>• <i>Comparative sentences</i></li><li>• <i>Tonique Pronouns</i></li><li>• <i>Relative Pronouns(Qui,Dont..)</i></li></ul>	<ul style="list-style-type: none"><li>• <i>Give the advice or opinion on a topic</i></li><li>• <i>Express wishes and interview someone</i></li><li>• <i>Learn the Comparison between people or things</i></li><li>• <i>Ask the questions based on French Fashion.</i></li><li>• <i>Acquire knowledge about the French Brands.</i></li><li>• <i>Express the conditions and clause</i></li></ul>
<i>December</i>	<ul style="list-style-type: none"><li>• <i>Les fêtes (Lesson-11)</i></li><li>• <i>Si Expressions</i></li><li>• <i>La francophones (Lesson-12)</i></li><li>• <i>Francophonic countries</i></li></ul>	<ul style="list-style-type: none"><li>• <i>Observe a festival and talking about it.</i></li><li>• <i>Write a letter using imperfect tense.</i></li><li>• <i>Learn Si (if) expressions/Hypothesis</i></li><li>• <i>Describe the francophonic countries</i></li><li>• <i>Discover a singer(Francophonic).</i></li><li>• <i>Revise the tenses by using them in the letter writing.</i></li><li>• <i>Acquire knowledge about francophonic day.</i></li></ul>
<i>Pre-Annual Examinations from 01.12.2025 to 13.12.2025</i>		
<i>January</i>	<i>Révision</i>	
<i>February</i>	<i>Révision</i>	
<i>March</i>	<i>Final Term Examination 02.03.2026 to 18.03.2026</i>	

**SUGGESTIVE TOOLS FOR FRENCH**

<i>Listening Skills</i>	<i>Speaking skills</i>	<i>Reading skills</i>	<i>Writing skills</i>	<i>Activities</i>
<ul style="list-style-type: none"><li>• <i>French songs</i></li><li>• <i>Memory Games</i></li><li>• <i>Interactive activities from the CD</i></li><li>• <i>Listen and fill in the blanks</i></li><li>• <i>French Pronunciation</i></li><li>• <i>Audio Visuals Games</i></li></ul>	<ul style="list-style-type: none"><li>• <i>Role Play</i></li><li>• <i>Picture description</i></li><li>• <i>Skit</i></li><li>• <i>Daily Routine</i></li><li>• <i>Group Discussion</i></li><li>• <i>Story Telling</i></li></ul>	<ul style="list-style-type: none"><li>• <i>Picture Reading</i></li><li>• <i>Unseen Passage</i></li><li>• <i>Paragraph Reading</i></li></ul>	<ul style="list-style-type: none"><li>• <i>Letter Writing</i></li><li>• <i>Post Card Writing</i></li><li>• <i>Paragraph Writing</i></li><li>• <i>Recipe Writing</i></li><li>• <i>Designing a Poster</i></li><li>• <i>Invitation</i></li><li>• <i>Message Writing</i></li><li>• <i>Describing a person</i></li><li>• <i>Describing the weather conditions</i></li></ul>	<ul style="list-style-type: none"><li>• <i>PPT</i></li><li>• <i>Quiz</i></li><li>• <i>Writing a Movie Review</i></li><li>• <i>Group Discussion</i></li><li>• <i>Designing the map</i></li></ul>

# Information Technology (402)

## Objective:

*The course intends to develop Vocational skills related to Computer which helps students to create customized application. Knowledge of Fundamental thinking is helping students to make closure with computer architecture. The curriculum is designed to develop appropriate technical knowledge as well as the professional skill of the students.*

## Learning Objectives:

- *Ability to develop mathematical skills and computational thinking*
- *Ability to understand Word processing application.*
- *Ability to understand Digital presentation and Employability skills.*
- *Ability to understand Electronic Spreadsheet application*
- *Ability to develop Practical skills.*

<i>Month</i>	<i>Concepts</i>
<i>April</i>	<ul style="list-style-type: none"> <li>Data Entry and Keyboarding skills :               <ul style="list-style-type: none"> <li>(i) Types of keys</li> <li>(ii) Typing ergonomics</li> <li>(iii) Pointing device</li> </ul> </li> </ul>
<i>June</i>	<ul style="list-style-type: none"> <li>Digital Documentation :               <ul style="list-style-type: none"> <li>(i) Creating a document</li> <li>(ii) Cursor and mouse pointer</li> </ul> </li> </ul>
<i>July</i>	<ul style="list-style-type: none"> <li>Digital Documentation :               <ul style="list-style-type: none"> <li>(i) Applying editing features</li> <li>(ii) Applying formatting features</li> <li>(iii) Working with Tables</li> <li>(iv) Using Print options</li> <li>(v) Using Mail merge</li> </ul> </li> </ul>
	<b><i>First Unit Test from 28.7.2025 to 02.08.2025</i></b>
<i>August</i>	<ul style="list-style-type: none"> <li>Introduction to IT-ITeS industry :               <ul style="list-style-type: none"> <li>(i) Introduction</li> <li>(ii) BPM industry- structure</li> <li>(iii) Applications</li> </ul> </li> <li>Communication Skills :               <ul style="list-style-type: none"> <li>(i) Methods</li> <li>(ii) Communication cycle</li> <li>(iii) Perspectives-types and factors</li> </ul> </li> </ul>
<i>September</i>	<ul style="list-style-type: none"> <li>Self Management Skills :               <ul style="list-style-type: none"> <li>(i) Meaning and importance</li> <li>(ii) Factors helping in building self-confidence</li> </ul> </li> </ul>
	<b><i>First Term Examination from 18.09.2025 to 30.09.2025</i></b>
<i>October</i>	<ul style="list-style-type: none"> <li>Digital presentation :               <ul style="list-style-type: none"> <li>(i) Introduction</li> <li>(ii) Slide Master</li> <li>(iii) Formatting text and images</li> <li>(iv) Graphics objects</li> <li>(v) Animations</li> </ul> </li> </ul>
<i>November</i>	<ul style="list-style-type: none"> <li>Electronic Spreadsheet :               <ul style="list-style-type: none"> <li>(i) Create a spreadsheet</li> <li>(ii) Applying Formulas and Functions</li> <li>(iii) Formatting data</li> <li>(iv) Referencing</li> <li>(v) Charts</li> </ul> </li> </ul>
<i>December</i>	<ul style="list-style-type: none"> <li>Green Skills</li> <li>Basic ICT skills</li> </ul>
	<b><i>Pre-Annual Examination from 01.12.2025 to 13.12.2025</i></b>
<i>January</i>	<ul style="list-style-type: none"> <li>Entrepreneurial Skills</li> </ul>
<i>February</i>	<i>Revision</i>
	<b><i>Final Term Examination 02.03.2026 to 18.03.2026</i></b>

# ARTIFICIAL INTELLIGENCE

## Objective:

*The objective of this curriculum is to combine both Inspire and Acquire modules to develop a readiness for understanding and appreciating Artificial Intelligence and its application in our lives. This curriculum focuses on:*

- 1. Helping learners understand the world of Artificial Intelligence and its applications through games, activities and multi-sensorial learning to become AI-Ready.*
- 2. Introducing the learners to three domains of AI.*
- 3. Allowing the learners to construct the meaning of AI through interactive participation and engaging hands-on activities.*
- 4. Revisiting AI domains, project cycle and Ethics*
- 5. Introducing the learners to the importance of Math for AI, data literacy and generative AI*
- 6. Introducing the learners to programming skills - Basic python coding language.*

## Learning Objectives:

- 1. Identify and appreciate Artificial Intelligence and describe its applications in daily life.*
- 2. Relate, apply and reflect on the Human-Machine Interactions to identify and interact with the three domains of AI: Statistical Data, Computer Vision and Natural Language Processing*
- 3. Understand the impact of Artificial Intelligence on Sustainable Development Goals to develop responsible citizenship.*
- 4. Gain awareness about AI bias and AI access and describe the potential ethical considerations of AI.*
- 5. Get familiar and motivated towards Artificial Intelligence and Identify the AI Project Cycle framework.*
- 6. Learn problem scoping and ways to set goals for an AI project and understand the iterative nature of problem scoping in the AI project cycle. Brainstorm on the ethical issues involved around the problem selected.*
- 7. Foresee the kind of data required and the kind of analysis to be done, identify data requirements and find reliable sources to obtain relevant data.*
- 8. Use various types of graphs to visualize acquired data.*
- 9. Understand types of modeling.*
- 10. Understand the importance of Math for AI.*
- 11. Learn the concept of data literacy and generative AI*
- 12. Acquire introductory Python programming skills in a very user-friendly format.*

<i>Month</i>	<i>Concept</i>	<i>Sub-Concept</i>
<i>April</i>	<i>AI Reflection, Project Cycle and Ethics</i>	<ul style="list-style-type: none"> <li>• <i>Introduction to AI and its three domain</i></li> <li>• <i>Introduction to AI Project Cycle</i></li> <li>• <i>Problem Scoping</i> <ul style="list-style-type: none"> <li>➤ <i>4Ws problem canvas</i></li> <li>➤ <i>Problem statement template</i></li> </ul> </li> <li>• <i>Data Acquisition</i> <ul style="list-style-type: none"> <li>➤ <i>Introduction to data and its types</i></li> <li>➤ <i>Data Features</i></li> <li>➤ <i>System Maps</i></li> </ul> </li> </ul>
<i>June</i>	<i>AI Reflection, Project Cycle and Ethics(Contd.) And Communication Skills-I</i>	<ul style="list-style-type: none"> <li>• <i>Data Exploration/ Data Visualisation</i> <ul style="list-style-type: none"> <li>➤ <i>Need of visualising data</i></li> <li>➤ <i>Ways to visualise data using various types of graphical tools.</i></li> </ul> </li> <li>• <i>Modeling</i> <ul style="list-style-type: none"> <li>➤ <i>Introduction to modeling and types of models (Rule-based &amp; Learning-based)</i></li> </ul> </li> <li>• <i>Evaluation</i> <ul style="list-style-type: none"> <li>➤ <i>True Positive</i></li> <li>➤ <i>False Positive</i></li> <li>➤ <i>True Negative</i></li> <li>➤ <i>False Negative</i></li> </ul> </li> <li>• <i>Deployment</i></li> <li>• <i>AI Ethics</i></li> <li>• <i>AI Bias and AI Access And</i></li> <li>• <i>Communication Skills Methods</i></li> <li>• <i>Communication cycle</i></li> <li>• <i>Perspectives-types and factors</i></li> </ul>
<i>July</i>	<i>Data Literacy</i>	<ul style="list-style-type: none"> <li>• <i>Basics of data literacy</i> <ul style="list-style-type: none"> <li>➤ <i>Introduction to Data Literacy</i></li> <li>➤ <i>Impact of data Literacy</i></li> <li>➤ <i>How to become Data Literate?</i></li> <li>➤ <i>What are data security and privacy?</i></li> <li>➤ <i>How are they related to AI?</i></li> <li>➤ <i>Best Practices for Cyber Security</i></li> </ul> </li> <li>• <i>Acquiring Data, Processing, and Interpreting Data</i> <ul style="list-style-type: none"> <li>➤ <i>Types of data</i></li> <li>➤ <i>Data Acquisition/Acquiring Data</i></li> <li>➤ <i>Best Practices for Acquiring Data</i></li> <li>➤ <i>Features of data and Data Preprocessing</i></li> <li>➤ <i>Data Processing and Data Interpretation</i></li> <li>➤ <i>Types of Data Interpretation</i></li> <li>➤ <i>Importance of Data Interpretation</i></li> </ul> </li> <li>• <i>Project Interactive Data Dashboard &amp; Presentation</i> <ul style="list-style-type: none"> <li>➤ <i>Data visualization Using Tableau</i></li> </ul> </li> </ul>
<i>Unit Test-1 from 28.07.2025 to 02.08.2025</i>		

<i>Month</i>	<i>Concept</i>	<i>Sub-Concept</i>
<i>August</i>	<i>Introduction to Python</i>	<ul style="list-style-type: none"> <li>• <i>Introduction to Python language</i></li> <li>• <i>Introducing python programming and its applications</i></li> <li>• <i>Python Basics (Theory + Practical):</i> <ul style="list-style-type: none"> <li>➤ <i>Variables</i></li> <li>➤ <i>Arithmetic Operators</i></li> <li>➤ <i>Expressions</i></li> <li>➤ <i>Comparison Operators</i></li> <li>➤ <i>logical operators</i></li> <li>➤ <i>Assignment Operators</i></li> <li>➤ <i>Data Types - integer, float, strings</i></li> <li>➤ <i>Type conversion</i></li> <li>➤ <i>Using print() and input() functions</i></li> <li>➤ <i>Simple problem-solving exercises on Python Compiler.</i></li> </ul> </li> <li>• <i>Practical only:</i> <ul style="list-style-type: none"> <li>➤ <i>Flow of control and conditions : conditional and iterative statements (if, for and while)</i></li> <li>➤ <i>Basic problem-solving exercises using conditional and iterative statements on Python Compiler.</i></li> <li>➤ <i>Python Lists (Simple operations using list)</i></li> <li>➤ <i>Basic problem-solving exercises using lists on Python Compiler.</i></li> </ul> </li> </ul>
<i>September</i>	<i>Self Management Skills-I</i>  <i>Ands</i> <i>Entrepreneurial Skills-I</i>	<ul style="list-style-type: none"> <li>• <i>Meaning and importance</i></li> <li>• <i>Factors helping in building self-confidence</i></li> <li>• <i>Ands</i></li> <li>• <i>Types of businesses</i></li> <li>• <i>Meaning of entrepreneurship development</i></li> <li>• <i>Role and rewards of entrepreneurship</i></li> </ul>
<b><i>First Term Examination from 18.09.2025 to 30.09.2025</i></b>		
<i>October</i>	<i>Math for AI (Statistics &amp; Probability)</i> <i>And</i> <i>Introduction to Generative AI</i>	<ul style="list-style-type: none"> <li>• <i>Importance of Math for AI</i></li> <li>• <i>Finding Patterns in Numbers and images.</i></li> <li>• <i>Uses of Math – Statistics, Linear Algebra, Probability, Calculus</i></li> <li>• <i>Definition of Statistics</i></li> <li>• <i>Applications - Disaster Management , Sports, Diseases Prediction, Weather Forecast</i></li> <li>• <i>Introduction to Probability</i> <ul style="list-style-type: none"> <li>➤ <i>How to calculate the probability of an event</i></li> <li>➤ <i>Types of events</i></li> <li>➤ <i>Understand the concept of Probability using a relatable example.</i></li> </ul> </li> </ul>

<i>Month</i>	<i>Concept</i>	<i>Sub-Concept</i>
<i>October</i>		<ul style="list-style-type: none"> <li>• <i>Applications of Probability -Sports, Weather Forecast ,</i></li> </ul>
<i>November</i>	<i>Basic ICT skills-I And Green Skills-I</i>	<ul style="list-style-type: none"> <li>• <i>Introduction to ICT</i></li> <li>• <i>Computer System</i></li> <li>• <i>Peripherals devices and their uses</i></li> <li>• <i>Primary operations on a computer system</i> <i>And</i></li> <li>• <i>Introduction to environment</i></li> <li>• <i>Natural resource conservation</i></li> <li>• <i>Importance of green economy</i></li> </ul>
<i>December</i>	<i>Pre-Annual Examination from 01.12.2025 to 13.12.2025</i> <i>Revision</i>	
<i>January</i>	<i>Revision</i>	
<i>February</i>	<i>Revision</i>	
	<i>Final Term Examination from 02.03.2026 to 18.03.2026</i>	

# PAINTING

## Objective:

*The focus of the painting curriculum should be to provide students with an opportunity to explore natural and man made objects, situations and subjects to learn about the elements and principles of painting while enjoying their creative expression through different mediums and techniques. The course consists of (i) Painting theory and (ii) Painting practicals. Theory and Practice are co-related and complement each other by application of medium and technique. Theory can make students understand the medium they are practicing with all its beauty and meaning. Theory provides knowledge and enhances the value of the practical.*

## *Learning outcomes -*

*Students after studying 'Painting' as additional subject will be able to:*

- *Enjoy paintings as a medium of expressions and appreciate the beauty in lines, forms and colours*
- *Know the fundamentals of Painting (Elements and Principles) and apply them in their creations.*
- *Use painting tools and materials appropriately.*
- *Apply pencil colours, oil pastels, poster colours, water colours etc. as a painting medium and differentiate between 'opaque' and 'transparent' colours as a technique.*
- *Refine memory and observation power through study / still life and painting composition*



Month	Concept	Sub-Concept
April	Basic of Still life drawing	<ul style="list-style-type: none"><li>Object drawing</li><li>Nature study</li></ul>
June	Still life composition	<ul style="list-style-type: none"><li>Object + Nature + Drapery (Drawing)</li></ul>
	Unit 1 (i) Fundamental of art	<ul style="list-style-type: none"><li>Elements</li></ul>
July	Study of Indian folk art	<ul style="list-style-type: none"><li>Mandana</li></ul>
	Unit 1 (ii) Methods and Materials of Painting	<ul style="list-style-type: none"><li>Tools</li></ul>
	Unit Test-1 from 28.07.2025 to 02.08.2025	
August	Still life composition	<ul style="list-style-type: none"><li>2 Object + Nature + Drapery (medium- soft pastels)</li></ul>
	Methods and Materials of Painting	<ul style="list-style-type: none"><li>Poster colours, water colours, oil pastels and pencils</li></ul>
September	Unit 2 Story of Indian Art	<ul style="list-style-type: none"><li>Appreciation of Indian Art - Painting - Wizard's Dance (Bhimbethaka)</li><li>Sculpture- Yaksha-Yakshi at R.B.I. New Delhi (by Ramkinker Vaiz)</li></ul>
	Still Life Painting	<ul style="list-style-type: none"><li>2 Object + Nature + Drapery (medium- water colour)</li></ul>
First Term Examination from 18.09.2025 to 30.09.2025		
October	Study of Landscape	<ul style="list-style-type: none"><li>Landscape Drawing</li></ul>
	Unit 2 Story of Indian Art cont...	<ul style="list-style-type: none"><li>Architecture- Sun Temple (Konark, Odisha)</li><li>folk Art- Alpana, Rangoli</li></ul>
November	Still life painting	<ul style="list-style-type: none"><li>Still life study (oil painting) (understanding artist)</li></ul>
December	Landscape Painting	<ul style="list-style-type: none"><li>Water colour Landscape</li></ul>
Pre-Annual Examination from 01.12.2025 to 13.12.2025		
January	Revision	
February	Revision	
Final Term Examination from 02.03.2026 to 18.03.2026		

# HINDUSTANI MUSIC VOCAL

<i>Month</i>	<i>Sub-Concept</i>
<i>April</i>	<ul style="list-style-type: none"><li>• Definition (Sangeet, Dhwani, Shruti, laya)</li><li>• Raag – Yaman (Aroh Avroh)</li><li>• Taal-Kaharwa (Basic Knowledge)</li></ul>
<i>June</i>	<ul style="list-style-type: none"><li>• Definition-Naad, Swar, Saptak</li><li>• Raag- Yaman Sargam Geet Chota Khyal</li></ul>
<i>July</i>	<ul style="list-style-type: none"><li>• Definition – Alanaakar Thaata</li><li>• Raag –Yaman Alap, Taan</li><li>• Taal-Kaharwa , Dadra</li><li>• Life Sketch Of VN Bhatkhande</li></ul>
	<b>First Unit Test from 28.07.2025 to 02.08.2025</b>
<i>August</i>	<ul style="list-style-type: none"><li>• Definition (revision)</li><li>• Raag-Kafi Aroh Avroh with Alap Taan</li><li>• Taal – TeenTaal (Ekgun , Dugun)</li></ul>
<i>September</i>	<ul style="list-style-type: none"><li>• Raag –Revision</li><li>• Definition Revision</li><li>• Life Sketch V.D Paluskar</li></ul>
	<b>First Term Examination from 18.09.2025 to 30.09.2025</b>
<i>October</i>	<ul style="list-style-type: none"><li>• Raag-Alhaiya Bilawal (Aroh –Avroh) Chota Khyal with(Alap Taan) Taal –Ektaal</li><li>• Knowledge of Basic Term used in Indian classical Music(Vadi, Anuvadi, Vivadi)</li></ul>
<i>November</i>	<ul style="list-style-type: none"><li>• Raag-Notation Writing</li><li>• Yaman, Kafi, Alhaiya Bilawa</li><li>• Taal – Teentaal Ektaal Notation WritingFolk Music</li></ul>
<i>December</i>	<ul style="list-style-type: none"><li>• Definition-Taal, Laya, Khali, Vibhag</li><li>• Sargamgeet, Lakshyangeet</li><li>• Divotional Song</li></ul>
	<b>Pre-Annual Examinations from 01.12.2025 to 13.12.2025</b>
<i>January</i>	<ul style="list-style-type: none"><li>• Raag- Alhaiya Bilawal</li><li>• Yaman Alap Taan</li><li>• Taal- Taal notation writing (ekgun &amp; Dugun)</li></ul>
<i>February</i>	Revision
<i>March</i>	<b>Final Term Examination 02.03.2026 to 18.03.2026</b>

HINDUSTANI PERCUSSION MUSIC-9

Month	Concept	Sub-Concept
April	<ul style="list-style-type: none"><li>Introduction to Tabla/Pakhawaj</li><li>Origin and importance in Hindustani music</li></ul>	<ul style="list-style-type: none"><li>Identification of parts of Tabla</li><li>Simple Theka practice</li></ul>
June	<ul style="list-style-type: none"><li>Basic concepts: Theka, Tali, Khali</li><li>Notation system basics</li></ul>	<ul style="list-style-type: none"><li>Practice of Thekas in Teentala</li><li>Recitation with hand beats</li></ul>
July	<ul style="list-style-type: none"><li>Understanding Kayada and Tukra</li></ul>	<ul style="list-style-type: none"><li>Playing Kayada and simple Tukras in Teentala</li></ul>
	First Unit Test from 28.07.2025 to 02.08.2025	
August	<ul style="list-style-type: none"><li>Gharanas of Tabla (brief introduction)</li></ul>	<ul style="list-style-type: none"><li>Refa and Palta practice in Teentala</li></ul>
September	<ul style="list-style-type: none"><li>Introduction to Tihai and its use in compositions</li></ul>	<ul style="list-style-type: none"><li>Recitation and performance of Theka with Dugun</li></ul>
	First Term Examination from 18.09.2025 to 30.09.2025	
October	<ul style="list-style-type: none"><li>Biographical sketch of V.N. Bhatkhande</li></ul>	<ul style="list-style-type: none"><li>Final internal performance preparation and revision</li></ul>
November	<ul style="list-style-type: none"><li>Full syllabus revision</li><li>Practice theory questions</li></ul>	<ul style="list-style-type: none"><li>Full practical revision</li><li>Mock performance tests</li></ul>
December	Pre-Annual Examinations from 01.12.2025 to 13.12.2025	
January	Revision	
February	Revision	
March	Final Term Examination 02.03.2026 to 18.03.2026	

# NATIONAL CADET CORPS NCC

*Rationales:*

1. To develop well-rounded, responsible, and patriotic citizens with a strong sense of civic duty and leadership potential.
2. To develop discipline, character, and a spirit of adventure in youth, while also motivating them to consider careers in the armed forces or other public service roles.
3. Offering students opportunities for outdoor activities and leadership development
4. To create a human resource of trained and motivated youth who can lead in various walks of life and serve the nation.
5. To develop overall personally and social skills such as problem solving skills, coping with stress, emotions, self awareness, self confidence values, ethics.
6. Encourages students to engage in social service activities and contribute to the betterment of their communities, fostering a sense of responsibility and compassion.
7. To give basic Knowledge of weapon. 22 rifle for boosting confidence.
8. To provide knowledge of renewed military generals Armed forces and study of famous battles.
9. To provide basic understanding of maps and conventional signs.
10. To inculcate sense of patriotism, unity and diversity religions, culture, traditions and customs of India.

<i>Month</i>	<i>Concept</i>	<i>Sub-concept</i>
<i>April</i>	Unit-1 The NCC  Unit-9: Health and Hygiene	<ul style="list-style-type: none"> <li>● Aims to acquaint cadets with the aims and objectives of NCC</li> <li>● Scope: Introduction, aims, organization and general information about NCC</li> <li>● Aims and Objectives of NCC</li> <li>● Organization and Training and NCC Song</li> <li>● Incentives of Joining NCC</li> <li>● Aim: To instill respect and responsibility towards personal health and hygiene</li> <li>● Scope: Basic information of the human body, maintenance of health and hygiene, sanitation, disease and elementary knowledge of First Aid and Nursing</li> <li>● Hygiene and sanitation (Personal and Food Hygiene)</li> <li>● Physical and mental health</li> <li>● Infectious and contagious diseases and its prevention</li> <li>● Basics of first aid in common medical emergencies</li> <li>● Wounds and fractures</li> <li>● Introduction to yoga and exercise</li> </ul>
<i>June</i>	Unit-2 National Integration and Awareness	<p>Aim: To inculcate sense of patriotism, secular values and motivate cadets to contribute towards nation building through national unity and social cohesion.</p> <p>Scope: The concepts of National Interests, Objectives and integration, Unity in diversity and cultural heritage of India.</p> <ul style="list-style-type: none"> <li>● Religions, Culture, Traditions and Customs of India.</li> <li>● National Integration: Importance and Necessity</li> <li>● Problems/Challenges of National Integration</li> <li>● Images/Slogans for National Integration</li> </ul>

<i>Month</i>	<i>Concept</i>	<i>Sub-concept</i>
<i>June</i>	<i>Unit 1 Armed Forces (Specialized subject )</i>	<p><i>Aim: To acquaint cadets with the Armed Forces</i>  <i>Scope: Introductory and general information about the Armed Forces.</i></p> <ul style="list-style-type: none"> <li>• <i>Basic organization of Armed Forces</i></li> <li>• <i>Organization of the Army</i></li> <li>• <i>Badges and Ranks</i></li> <li>• <i>Honors and Awards</i></li> <li>• <i>Modes of entry into Army</i></li> </ul>
<i>July</i>	<i>Unit-7 Personality Development and Leadership</i>	<p><i>Aim: To develop an all-round dynamic personality with adequate leadership traits to deal/ contribute effectively in all walks of life</i>  <i>Scope: Basic subjects of leadership with emphasis on self-awareness, life/soft skills, time management and character building</i></p> <ul style="list-style-type: none"> <li>• <i>Introduction to Personality development</i></li> <li>• <i>Factors in flourishing /shaping personality: Physical, Social, Psychological and Philosophical</i></li> <li>• <i>Self-Awareness-know yourself</i></li> <li>• <i>Self-confidence, courage &amp; self-conviction</i></li> <li>• <i>Problem solving skills</i></li> <li>• <i>Importance of group and teamwork</i></li> <li>• <i>Effective use of time</i></li> <li>• <i>Coping with stress/emotions</i></li> <li>• <i>Sociability : Social Skills</i></li> <li>• <i>Characteristics of healthy personalities– ethics/values</i></li> </ul>
<i>July</i>	<i>Unit-3 Map Reading (Specialized subject )</i>	<p><i>Aim: To teach cadets elementary map reading</i>  <i>Scope: Basic understanding of map sheets and map reading instruments and development of capability to use them to carry out simple Map Reading</i></p> <ul style="list-style-type: none"> <li>• <i>Introduction to types of Maps and conventional signs.</i></li> <li>• <i>Scales and grid system</i></li> <li>• <i>Topographical forms and technical terms</i></li> </ul>
		<b><i>Unit Test -I from 28.07.2025 to 02.08.2025</i></b>
<i>August</i>	<i>Unit – 4 Drill</i>	<p><i>Aim: To inculcate a sense of discipline, improve bearing, smartness, and turnout and to develop the quality of immediate and implicit obedience to cadets</i>  <i>Scope: All important basic aspects of drill including ceremonial drill, drill with arms and words of command Drill without Arms</i></p> <ul style="list-style-type: none"> <li>• <i>General and Words of Command</i></li> <li>• <i>Attention, Stand at Ease and Stand Easy, turning and inclining at the halt</i></li> <li>• <i>Saluting at the halt</i></li> <li>• <i>Getting on parade, dismissing and falling out</i></li> <li>• <i>Saluting on the March Individual word of command</i></li> </ul>

<i>Month</i>	<i>Concept</i>	<i>Sub-concept</i>
<i>August</i>	<i>Unit-4 Field Craft and Battle Craft (Specialized subject )</i>	<p><i>Aim: To teach cadets elementary field craft and battle craft</i>  <i>Scope: Basic field craft and battle craft</i></p> <ul style="list-style-type: none"> <li>• <i>Introduction</i></li> <li>• <i>Judging distance</i></li> <li>• <i>Description of ground</i></li> <li>• <i>Field signals</i></li> <li>• <i>Use of ground and movement</i></li> <li>• <i>Selection of formations (Section formation)</i></li> </ul>
<i>September</i>	<p><i>Unit-5 Weapon Training</i></p> <p><i>Unit-5 : Communication (Specialized subject)</i></p>	<p><i>Aim: To give elementary knowledge about rifles</i>  <i>Scope: Basic knowledge about rifle and firing</i></p> <ul style="list-style-type: none"> <li>• <i>Characteristics of a rifle /rifle ammunition and its fire power</i></li> <li>• <i>Stripping, assembling, care and cleaning and sight setting</i></li> <li>• <i>Loading, cocking and unloading</i></li> <li>• <i>The lying position and Holding</i></li> <li>• <i>Aiming, range and figure target</i></li> <li>• <i>Range precautions and safety precautions</i></li> </ul> <p><i>Aim: To introduce cadets to the latest trends in the field of communications</i>  <i>Scope: Types of communications and future trends</i></p> <ul style="list-style-type: none"> <li>• <i>Importance of communication</i></li> <li>• <i>Means of communication</i></li> </ul>
	<b><i>First Term Examination from 18.09.2025 to 30.09.2025</i></b>	
<i>October</i>	<p><i>Unit – 6 Adventure Training</i></p> <p><i>Unit – 3 Civil Affairs</i></p>	<p><i>Aim: To inculcate a sense of adventure and develop confidence, courage and determination.</i>  <i>Scope: To expose cadets to various adventure activities.</i></p> <ul style="list-style-type: none"> <li>• <i>Trekking including selection of route and administrative planning</i></li> <li>• <i>Cycle expedition including selection of route and administrative planning</i></li> </ul> <p><i>Aim: To train Cadets to assist Civil administration in performance of selective duties during disasters.</i>  <i>Scope: Basic information about civil defense organization and its duties, maintenance of essential services and providing assistance to civil administration in various types of emergencies during national disasters.</i></p> <ul style="list-style-type: none"> <li>• <i>Types of Emergencies/ Natural Hazards</i></li> <li>• <i>Role of NCC during Natural Hazards/Calamities</i></li> <li>• <i>Fire Service and Fire Fighting</i></li> </ul>

<i>Month</i>	<i>Concept</i>	<i>Sub-concept</i>
<i>November</i>	<i>Unit – 8 Social Awareness Community Development</i>	<i>Aim: To teach cadets the values and skills involved in providing voluntary Social Service</i> <i>Scope: Understanding of social service and its needs, knowledge about the weaker sections of our society and their requirements, about NGOs and contribution of youth towards social welfare.</i> <ul style="list-style-type: none"> <li>• Basics of Social Service, and its needs.</li> <li>• Contribution of youth toward social welfare</li> <li>• Civic responsibilities</li> <li>• Drug abuse and trafficking</li> <li>• Causes and prevention of HIV/AIDS, Role of Youth</li> <li>• Corruption</li> <li>• Provisions of child Act</li> </ul>
	<i>Unit – 2 Military History (Specialized subject)</i>	<i>Aim: To provide knowledge of renowned Military Generals, PVCs and Indo-Pak Wars</i> <i>Scope: Introduction to biographies, famous Indian battles and gallantry awards</i> <ul style="list-style-type: none"> <li>• Biographies of renowned generals (Carriappa / Manekshaw)</li> <li>• Study of battles of Indo-Pak war 1965, 1971 and Kargil</li> <li>• War movies</li> </ul>
<i>December</i>	<i>Pre-Annual Exam from 01.12. 2025 to 13.12.2025</i>	
<i>February</i>	<i>Final Term Examination from 11.02.2026 to 28.02.2026</i>	

- Project and Assignment work
- Map Skills
- Practical's – Weapon, Map reading Field Craft and Battle craft
- Visits- Social and community development, Adventure

# ELEMENTS OF BUSINESS

## **Rationale:**

*The study of the elements of business in Grade 9 serves as a foundational introduction to the world of economic activities. It aims to equip young learners with a basic understanding of how businesses operate, their various forms, and the essential functions that drive them. This early exposure fosters financial literacy and an entrepreneurial mindset, enabling students to appreciate the economic environment around them.*

*By exploring concepts like different types of business activities, the steps involved in setting up a business, and fundamental areas such as finance, marketing, and human resources, students begin to develop critical thinking and decision-making skills. This knowledge is not only relevant for potential future careers in business but also provides a valuable framework for understanding broader economic and social issues. In essence, introducing these elements at this stage lays the groundwork for more advanced studies in commerce and economics, while also empowering students with practical life skills.*

## **Objectives:**

1. *Understanding Basic Business Concepts.*
2. *Identifying Human Activities: Economic and Non Economic*
3. *Exploring Different Forms of Business Organization.*
4. *To understand the concept of domestic and international trade and their role in the economy.*
5. *Appreciating Aids to Trade.*
6. *Developing Basic Entrepreneurial Awareness.*
7. *Building Foundational Knowledge for Future.*
8. *Connecting Business to Everyday Life.*



<i>Month</i>	<i>Concept</i>	<i>Sub-Concept</i>
<i>April</i>	<i>Unit I: Fundamentals of Business Activities</i>	<ul style="list-style-type: none"> <li>● <i>Characteristics of Business Activities</i></li> <li>● <i>Business as an Activity – How it is different from</i></li> <li>● <i>(i) Profession</i></li> <li>● <i>(ii) Employment</i></li> </ul>
<i>June</i>	<i>Unit I: Fundamentals of Business Activities</i>	<ul style="list-style-type: none"> <li>● <i>Characteristics of vocational activities</i></li> <li>● <i>Factors affecting business</i></li> <li>● <i>(i) Economic</i></li> <li>● <i>(ii) Social</i></li> <li>● <i>(iii) Political</i></li> </ul>
	<i>Unit II : Operative Activities in Business</i>	<ul style="list-style-type: none"> <li>● <i>Industry– Introduction</i></li> <li>● <i>Concept</i></li> <li>● <i>Meaning</i></li> </ul>
<i>July</i>	<i>Unit II: Operative Activities in Business</i>	<ul style="list-style-type: none"> <li>● <i>Industry–</i></li> <li>● <i>Characteristics,</i></li> <li>● <i>Types - Primary, Secondary, Tertiary Industries</i></li> <li>● <i>Nature</i></li> <li>● <i>Concept of Commerce</i></li> </ul>
	<i>Unit Test -I from 28.07.2025 to 02.08.2025</i>	
<i>August</i>	<i>Unit II : Operative Activities in Business</i>	<ul style="list-style-type: none"> <li>● <i>Different components of business.</i></li> <li>● <i>(i) Banking</i></li> <li>● <i>(ii) Insurance</i></li> <li>● <i>(iii) Transportation</i></li> <li>● <i>(iv) Trade</i></li> </ul>
	<i>UNIT – III: Steps Involved in Establishing Business</i>	<ul style="list-style-type: none"> <li>● <i>Nature of Business Organization</i></li> </ul>
<i>September</i>	<i>Unit III: Steps Involved in Establishing Business</i>	<ul style="list-style-type: none"> <li>● <i>Forms of Business organisation</i></li> <li>● <i>Sole proprietorship - Meaning and features</i></li> <li>● <i>Partnership - Meaning , features and types</i></li> </ul>
	<i>First Term Examination from 18.09.2025 to 30.09.2025</i>	
<i>October</i>	<i>UNIT – IV: Fundamental Areas of Business</i>	<ul style="list-style-type: none"> <li>● <i>Finance - Meaning and Concept</i></li> <li>● <i>Marketing - Meaning and concept</i></li> </ul>
<i>November</i>	<i>UNIT – IV: Fundamental Areas of Business</i>	<ul style="list-style-type: none"> <li>● <i>Human Resources</i></li> <li>● <i>Meaning</i></li> <li>● <i>Concept</i></li> </ul>
<i>December</i>	<i>Pre-Annual Examination from 01.12.2025 to 13.12.2025</i>	
<i>January</i>	<i>Revisions</i>	
<i>February</i>	<i>Revision, Mock Test</i>	
<i>March</i>	<i>Final Term Examination 02.03.2026 to 18.03.2026</i>	