

## English Language and Literature (Subj. Code 184)

BOOKS: Literature Reader (First Flight)

Supplementary Reader (Foot Prints without Feet)

S. No.	Month	Chapters	Description
1.	March	<b>Literature</b> 1. A Letter to God 2. Nelson Mandela Poem 1: Dust of Snow Poem 2: Fire and Ice <b>Supplementary Reader</b> 1. A Triumph of Surgery <b>Writing Skills</b> Letter Writing - Formal (Letter to Editor) <b>Grammar</b> Tenses	
2.	April	<b>Literature</b> 3. Two Stories about Flying Poem 3: A tiger in the Zoo Poem 4: How to tell Wild Animals <b>Supplementary Reader</b> 2. The Thief's Story 3. The Midnight Visitor <b>Writing Skills</b> Story Writing <b>Grammar</b> Modals and Voices	

हिन्दी विषय संख्या – 002

पुस्तकों के नाम – क्षितिज भाग – 2 (एन० सी० ई० आर० टी०)

कृतिका भाग – 2 (एन० सी० ई० आर० टी०)

व्याकरण – व्याकरण प्रवाह – फुल मार्क्स प्राइवेट लिमिटेड एजेकेशनल पब्लिशर

प्रथम सत्र

क्र. सं.	मास	अध्याय	विवरण
1.	मार्च	क्षितिज <ul style="list-style-type: none"> <li>● गद्य, पाठ-1, नेताजी का चश्मा</li> <li>● पद्य, पाठ-1, ऊधौ, तुम हौ अति बड़भाग</li> </ul> कृतिका	

क्र. सं.	मास	अध्याय	विवरण
		<ul style="list-style-type: none"> <li>माता का आँचल</li> </ul> व्याकरण <ul style="list-style-type: none"> <li>वाक्य-रचना के आधार पर वाक्य, पत्र, निबंध</li> <li>अपठित काव्यांश, विज्ञापन लेखन</li> </ul>	
2.	अप्रैल	क्षितिज <ul style="list-style-type: none"> <li>गद्य, पाठ-2, बालगोबिन भगत</li> <li>पद्य, पाठ-2, तुलसीदास</li> </ul> कृतिका <ul style="list-style-type: none"> <li>पाठ-2 जॉर्ज पंचम की नाक</li> </ul> व्याकरण वाक्य, रस, विज्ञापन लेखन, पत्र, वाक्य	

**Books: Mathematics Textbook for Class-X (NCERT)**

S. No.	Month	Chapters	Description
1.	March	Chapter: Real Number <ul style="list-style-type: none"> <li>Euclid's division lemma, Fundamental Theorem of Arithmetic - statements after reviewing work done earlier and after illustrating and motivating through examples, Proofs of irrationality of <math>\sqrt{2}</math>, <math>\sqrt{3}</math> and <math>\sqrt{5}</math>. Decimal representation of rational numbers in terms of terminating/non-terminating recurring decimals.</li> </ul> Chapter: Polynomials <ul style="list-style-type: none"> <li>Zeros of a polynomial. Relationship between zeros and coefficients of quadratic polynomials. Statement and simple problems on division algorithm for polynomials with real coefficients.</li> </ul>	
2.	April	Chapter: Pair of Linear Equation in Two Variables <ul style="list-style-type: none"> <li>Pair of linear equations in two variables and graphical method of their solution, consistency/inconsistency. Algebraic conditions for number of solutions. Solution</li> </ul>	

S. No.	Month	Chapters	Description
		of a pair of linear equations in two variables algebraically - by substitution, by elimination and by cross multiplication method. Simple situational problems. Simple problems on equations reducible to linear equations.	

**SCIENCE:****Physics:**

S. No.	Months	Unit: Chapters	Activity
1.	March	Unit-IV: Effects of Current. Chapter: Electricity <ul style="list-style-type: none"> <li>To Identify Different Components of an Electric Circuit. Draw and use simple symbols used in any Electric Circuit.</li> <li>Define the terms electric current, Electricity Potential and establish the relationship between them.</li> </ul>	Curry out experiments to establish current voltage Relationship. To verify and explore OHM's Law.  Perform experiments to Determine Relationship in series and Parallel Circuits.
2.	April	Unit-IV: Effects of Current. Chapter: Electricity <ul style="list-style-type: none"> <li>Resistance, series and parallel resistance, ohms law.</li> <li>Electric current and its applications in fuses, heating devices and electric power consumption</li> </ul>	To establish the heating effects of current  To establish the magnetic effects of current

**Chemistry:**

S. No.	Months	Unit: Chapters	Activity
1.	March	Unit-I: Chemical Substances Chapter: Chemical Reactions <ul style="list-style-type: none"> <li>Chemical equation, balanced chemical equation</li> <li>Implications of a balanced chemical equation</li> <li>Types of chemical reactions: combination, decomposition, displacement, double displacement</li> </ul>	To find the pH of the samples by using pH paper/universal indicator: i. Dil – HCl ii. Dil – NaOH iii. Dil – CH <sub>3</sub> COOH
2.	April	Unit-I: Chemical Substances Chapter: Chemical Reactions	iv. Lemon Juice v. Water

S. No.	Months	Unit: Chapters	Activity
		<ul style="list-style-type: none"> <li>Types of chemical reactions: precipitation, neutralization, oxidation and reduction</li> </ul>	vi. $\text{Dil} - \text{NaHCO}_3$

**Biology:**

S. No.	Months	Unit: Chapters	Activity
1.	March	<b>LIFE PROCESSES</b> <ul style="list-style-type: none"> <li>Photosynthesis</li> <li>Nutrition in human being</li> </ul>	Sun light is necessary for photosynthesis $2-\text{CO}_2$ is necessary for photosynthesis
2.	April	<ul style="list-style-type: none"> <li>Nutrition in amoeba</li> <li>Aerobic and anaerobic respiration</li> </ul>	Mounting of epidermal peel of leaf to show stomata.

**Social Science****Books: Publisher (NCERT)**

- **History: India and the contemporary world-II.**
- **Geography: India-Resources and their Development.**
- **Democratic Politics-II**
- **Understanding Economic Development-II**

S. No.	Month	Chapters	Activity
1.	March	History: Section-II: Livelihoods, Economics and Societies... Any one of the following Themes: <ul style="list-style-type: none"> <li>Chapter-4: The Making of a Global World.</li> <li>Chapter-5: The Age of Industrialisation.</li> <li>Chapter-6: Work, Life and Leisure.</li> </ul> Geography: <ul style="list-style-type: none"> <li>Chapter-1: Resources and Development</li> </ul> Democratic Politics: <ul style="list-style-type: none"> <li>Chapter-1: Power Sharing</li> </ul>	
2.	April	Economics: <ul style="list-style-type: none"> <li>Chapter-1: Economic Development.</li> </ul>	

**Subject: INFORMATION TECHNOLOGY (402)****PREFERRED BOOK- NCERT****Reference Book Name: - Information Technology****Publication- Kips Learning Solution**

S. No.	Month	Chapters	Activity
1.	March	UNIT 1: Functional English (Intermediate)	
2.	April	UNIT 2: Web Applications (Basics)	
3.	May	UNIT 3: Word Processing (Intermediate)	
4.	July	UNIT 4: Spreadsheet (Intermediate)	
5.	August	UNIT 5: Digital Presentation (Intermediate)	
6.	September	Revision & Half Yearly Examination	
7.	October	UNIT 6: E Mail Messaging (Intermediate)	
8.	November	UNIT 7: Data base development (Basics)	
9.	December	PROJECT FILES + 1 <sup>st</sup> PREBOARD + REVISION	
10.	January	2nd PREBOARD + REVISION	
11.	February	REVISION	

**Banking and Insurance:**

S. No.	Term	Unit: Chapters	Activity
1.	April	Chapter: <b>Laws relating to Negotiable Instruments</b> <ul style="list-style-type: none"> <li>• Introduction to Negotiable Instruments</li> <li>• Type of Negotiable Instruments Cheques B/E (Bills of Exchange) Promissory Note</li> <li>• Parties to Negotiable Instruments</li> <li>• Crossing of Cheques</li> </ul> Chapter: Lending Functions of Bank <ul style="list-style-type: none"> <li>• Types of Advances - Secured &amp; Unsecured.</li> <li>• Loans (Short Term &amp; Long Term)</li> </ul>	