



## **ENGLISH**

### **LEARNING OUTCOMES:**

- a) To enable the learner to communicate effectively and appropriately in real-life situations.
- b) To use English effectively for learning 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.

### **TEXTBOOKS:**

1. New Pathways for class 8- Oxford Publication
2. Grammar- Wren n Martin

<b>April</b>	<p style="text-align: right;"><b><u>Term-1</u></b></p> <p><b>Reader:</b> Unit 1- Section 1 – My Big Brother <i>Unit 1- Section C3– It Was Long Ago(Poem)</i></p> <p><b>Grammar:</b> Sentences Tenses (Present)</p> <p><b>Writing:</b> Notice Writing, Diary Entry</p>
<b>May</b>	<p><b>Reader:</b> Unit 1- Section 2- Thank You, Ma'am Unit 2 – Section 1 – I Became a Great Friend of Animals and Birds</p> <p><b>Writing:</b> Formal Letter Writing (Letter to the Editor)</p>
<b>July</b>	<p><b>Reader:</b> <i>Unit 3- Section – The Song of Freedom (Poem)</i> Unit 3- Section 1- Pocahontas</p> <p><b>Grammar:</b> Verbs Adjectives</p>
<b>August</b>	<p><b>Reader:</b> Unit 2 - Section 2- The Ghost of the Mountains Unit 3- Section 2- The Diary of a Young Girl</p> <p><b>Grammar:</b> Determiners Voice</p> <p><b>Writing:</b> Description of Event , Article Writing</p>
<b>September</b>	<b>Revision for Term 1</b>

<b>October</b>	<b><u>TERM2</u></b> <b>Reader:</b> Unit 4 Section 2- Emperors on Ice Unit 4- Section 3- The Fabulous, Fabled Silk Road (Poem) <b>Grammar:</b> Adverbs <b>Writing:</b> Story Writing, Informal Letter Writing
<b>November</b>	<b>Reader:</b> Unit 4- Section 1 -The Lost World Unit 5 – Section 2- Feathered Friend <b>Grammar:</b> Prepositions <b>Writing:</b> Speech Writing
<b>December</b>	<b>Reader:</b> Unit 6- Section 2- Macbeth <b>Grammar:</b> Tenses Conjunction <b>Writing:</b> Formal Letter (Complaint),
<b>January</b>	<b>Reader:</b> <i>Unit 6- Section 3- Abandoned Farmhouse (Poem)</i> <b>Grammar:</b> Reported Speech
<b>February</b>	<b>Revision for Term 2</b>
<b>March</b>	<b>FINAL EXAMINATION</b>
<b>UT 1</b>	<b><u>Reader:</u></b> My Big Brother <i>It Was Long Ago(Poem)</i> <b><u>Grammar:</u></b> Sentences <b><u>Writing:</u></b> Notice Writing, Informal Letter Writing
<b>UT-2</b>	<b><u>Reader:</u></b> Thank You, Ma'am, I Became a Great Friend of Animals and Birds, <i>The Song of Freedom (Poem)</i> <b><u>Grammar:</u></b> Tenses, Formation of Nouns <b><u>Writing:</u></b> Formal Letter Writing, Diary Entry
<b>TERM -I</b>	<b>Course covered in Term 1</b>
<b>UT-3</b>	<b><u>Reader:</u></b> <b>Emperors on Ice</b> The Fabulous, Fabled Silk Road (Poem) <b><u>Grammar:</u></b> Adverbs, <b><u>Writing:</u></b> Story Writing, Informal Letter Writing

<b>TERM-II</b>	<b>Syllabus of Term-2 along with-</b> Unit 4- Section 1 - The Lost World Unit 3- Section 2- The Diary of a Young Girl <b>Grammar:</b> Tenses <b>Writing:</b> Notice Writing
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## HINDI

पाठ्य पुस्तकें :

वसंत भाग-3

कथा मंजूषा

सार्थक हिंदी व्याकरण

मार्च - अप्रैल	पाठ- लाख की चूड़ियाँ, बस की यात्रा व्याकरण : भाषा और व्याकरण, वर्ण-विचार, वर्ण-विच्छेद ,अनुस्वार, अनुनासिक, संयुक्त, द्वित्व व्यंजन शब्द-विचार ।
मई	पाठ- दीवानों की हस्ती, कथा मंजूषा व्याकरण- संज्ञा, सर्वनाम, पर्यायवाची
जुलाई	पाठ- भगवान् के डाकिये , क्या निराश हुआ जाए व्याकरण : विशेषण, स्वर - संधि, विलोम, मुहावरे, पत्र-लेखन, अनुच्छेद-लेखन कथा मंजूषा
अगस्त	वसंत पाठ- यह सबसे कठिन समय नहीं, कबीर की सखियाँ कथा मंजूषा व्याकरण : शब्दालंकार, पर्यायवाची, समास, वाक्य शोधन
सितम्बर	परीक्षा + सुदामा चरित
अक्टूबर	वसंत पाठ- जहाँ पहिया है व्याकरण : उपसर्ग-प्रत्यय , पर्यायवाची, मुहावरे
नवम्बर	पाठ- अकबरी लोटा कथा मंजूषा अर्थ के आधार पर वाक्य, समास, विराम चिह्न
दिसम्बर	पाठ-सूरदास के पद, पानी की कहानी

	व्याकरण : अर्थालंकार, संधि, विलोम
जनवरी	पाठ—बाज और सांप व्याकरण : अव्यय, क्रिया – विशेषण, संवाद लेखन, पत्र—लेखन, मुहावरे, अनुच्छेद
फरवरी	पुनरावृत्ति

### परीक्षा हेतु पाठ्यक्रम

इकाई परीक्षा 1	वसंत पाठ— लाख की चूड़ियाँ, बस की यात्रा व्याकरण : वर्ण—विचार, भाषा और व्याकरण, अपठित गद्यांश, मुहावरे; अनुच्छेद लेखन
इकाई परीक्षा 2	पाठ—दीवानों की हस्ती, क्या निराश हुआ जाए व्याकरण : अनुच्छेद लेखन, अपठित गद्यांश, संज्ञा, वर्ण—विच्छेद, पर्यायवाची
अर्द्ध वार्षिक परीक्षा पाठ्यक्रम	वसंत पाठ— पाठ 1-7 (लाख की चूड़ियाँ, बस की यात्रा, दीवानों की हस्ती, भगवान् के डाकिये, क्या निराश हुआ जाए यह सबसे कठिन समय नहीं, कबीर की सखियाँ) कथा मंजूषा -1 से 6 व्याकरण : भाषा और व्याकरण, वर्ण—विचार, वर्ण—विच्छेद, अनुस्वार, अनुनासिक, संयुक्त, दिवत्व व्यंजन शब्द—विचार संज्ञा, सर्वनाम, विशेषण, स्वर – संधि, विलोम, मुहावरे, पत्र—लेखन(औपचारिक व अनौपचारिक), अनुच्छेद-लेखन, लघु कथा लेखन शब्दालंकार, पर्यायवाची, वाक्य शोधन

तृतीय इकाई परीक्षा	वसंत पाठ— जहाँ पहिया है सुदामा चरित व्याकरण : अर्थ के आधार पर वाक्य, वाक्य-शोधन मुहावरे, पर्यायवाची, विलोम, पत्र
वार्षिक परीक्षा	पाठ—बस की यात्रा, भगवान् के डाकिये, सुदामा चरित, जहाँ पहिया है, अकबरी लोटा, सूरदास के पद, पानी की कहानी, बाज और सांप व्याकरण : संज्ञा, वर्ण—विच्छेद, उपसर्ग, प्रत्यय, संधि (स्वर) वाक्य अर्थ के आधार पर, समास, विराम चिह्न, अर्थालंकार, संपूर्ण मुहावरे, संपूर्ण पर्यायवाची, संपूर्ण विलोम, विज्ञापन - लेखन, अनुच्छेद, पत्र(औपचारिक व अनौपचारिक) लघु – कथा लेखन कथा मंजूषा – 7 से 12

### MATHEMATICS CLASS VIII

#### **LEARNING OBJECTIVES:**

1. To develop good understanding of basic concept 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 VIII (NCERT)

#### **RECOMMENDED BOOKS:**

MATHEMATICS for Class VIII-R.S.Aggarwal/R.D.Sharma

Month	Course Content
March	Ch-1: Rational Numbers.
April	Ch-2: Linear Equations in one variable. <b>Activity 1:</b> To solve a Simple Linear Equation by an activity method.
May	Ch-7: Comparing Quantities
July	Ch-5: Squares and Square Roots. Ch-6: Cubes and Cube Roots. <b>Activity 2:</b> To derive the sum of 'n' odd numbers starting from 1. <b>Activity 3:</b> To find the square of a number using diagonal method.
August	Ch-3: Understanding Quadrilaterals. Ch-13: Introduction to graph. Revision for TERM-I <b>Activity 4:</b> To verify angle sum property of a quadrilateral <b>Activity 5:</b> To verify sum of all exterior angles of a polygon is $360^\circ$ .
September	TERM-I Ch-4: Data Handling.
October	Ch-11: Direct and Inverse Variation. Ch-9: Mensuration. <b>Activity 6:</b> To find an expression to calculate area of Trapezium. <b>Activity 7:</b> To find area of Rhombus by cutting pasting method.
November	Ch-9: Mensuration (continued). Ch-8: Algebraic Expressions and Identities <b>Activity 8:</b> To show the relationship between two quantity which varies inversely.
December	Ch-8: Algebraic Expressions and Identities (continued). Ch-12: Factorization. <b>Activity 9:</b> Verification of Identity $(a + b)^2 = a^2 + 2ab + b^2$ . <b>Activity 10:</b> To verify the Identity $(x + a)(x + b) = x^2 + (a + b)x + b^2$
January	Ch-10: Exponents and Powers.
February	Revision of FINAL TERM
<b>SYLLABUS</b>	
UT-I	Ch-1 and 2
UT-II	Ch-5 and Ch-7.
TERM-I	Ch -1, 2, 3, 5, 6,7, 13.
UT-III	Ch- 4 and 11
TERM-II	Ch- 2, 3, 4, 5, 8, 9,10, 11, 12

## **SYLLABUS OF SCIENCE** **CLASS VIII**

### **LEARNING OBJECTIVES**

1. To acquire the knowledge of scientific concepts, laws etc.
2. To develop scientific thinking.
3. To develop reasoning abilities in a systematic manner.
4. To motivate research oriented learning.
5. To develop the ability to apply scientific knowledge in our real life situations.

### **TEXT BOOK**

NCERT BOOK FOR CLASS VIII

<b>MONTH</b>	<b>COURSE CONTENT</b>
<b>March</b>	<b>Ch 2 : Microorganisms: Friend and Foe</b>
<b>April</b>	<b>Ch 2 : Microorganisms: Friend and Foe (contd.)</b> <b>Ch 8 : Force and pressure</b> <b><u>Activities/Projects</u></b> <ul style="list-style-type: none"> <li>• To study the fermentation of dough by yeast.</li> <li>• To study permanent slides of microbes.</li> <li>• To study the effect of force on different objects.</li> <li>• To show that magnetic force is a non-contact force.</li> <li>• To show that electrostatic force is a non-contact force.</li> <li>• To study the variation of pressure exerted by liquid with depth.</li> <li>• To demonstrate that a liquid exerts pressure on the walls of the container.</li> </ul>
<b>May</b>	<b>Ch 3 : Coal and petroleum</b>
<b>July</b>	<b>Ch 13: Light</b> <b>Ch 4 : Combustion and Flame</b> <b><u>Activities /Projects</u></b> <ul style="list-style-type: none"> <li>• To study the different parts of eye with the help of a model.</li> <li>• To study the reflection of light.</li> <li>• To study dispersion of light using plane mirror inclined on water surface.</li> <li>• To study and observe the no. of images formed when two plane mirrors are placed               <ul style="list-style-type: none"> <li>(a) At right angle to each other.</li> <li>(b) Parallel to each other.</li> </ul> </li> <li>• To observe and study the structure of candle flame.</li> <li>• To study the conditions necessary for combustion.</li> </ul>
<b>August</b>	<b>Ch 6 : Reproduction in Animals</b> <b>Ch 9 : Friction</b> <b><u>Activities /Projects</u></b> <ul style="list-style-type: none"> <li>• To measure the weight of an object.</li> <li>• To observe that rolling friction is smaller than sliding friction.</li> </ul>
<b>September</b>	<b>REVISION FOR FIRST TERM</b> <b>Ch 7 : Reaching the Age of Adolescence</b>
<b>October</b>	<b>Ch 7 : Reaching the Age of Adolescence (contd.)</b> <b>Ch 10 : Sound</b> <b><u>Activities /Projects</u></b> <ul style="list-style-type: none"> <li>• To estimate the height of a child at the end of his/ her growth period.</li> </ul>



<b>November</b>	<b>Ch 10 :Sound (contd.)</b> <b>Ch 5 : Conservation of Plants and Animals</b> <u><b>Activities/Projects</b></u> <ul style="list-style-type: none"> <li>• Sound is produced by vibrating body</li> <li>• To make a toy phone and observe that sound requires a medium to travels.</li> <li>• To produce sound of different frequencies.</li> <li>• To understand how eardrum work in our ear.</li> </ul>
<b>December</b>	<b>Ch 11 : Chemical effect of Electric Current</b> <b>Ch 12: Some Natural Phenomena</b> <u><b>Activities /Projects</b></u> <ul style="list-style-type: none"> <li>• To identify different materials as good conductors and poor conductors of electricity.</li> <li>• To show that common salt solution is a good conductor of electricity.</li> <li>• To study the process of electroplating.</li> <li>• To observe and study charging by rubbing</li> <li>• To observe how similar charges and opposite charges interact</li> <li>• To identify different materials as good conductors and poor conductors of electricity.</li> </ul>
<b>January</b>	<b>Ch 1: Crop production and management</b> <u><b>Activities /Projects</b></u> <ul style="list-style-type: none"> <li>• To separate damaged seeds from healthy seeds.</li> </ul>
<b>February</b>	<b>Revision for FINAL TERM</b>
<b>March</b>	<b>FINAL TERM</b>
<b>UT 1</b>	<b>CH – 2, 8</b>
<b>UT 2</b>	<b>CH – 3, 13</b>
<b>FIRST TERM</b>	<b>TERM 1 : CH- 2 ,3, 4 , 6, 8 , 9 &amp; 13</b>
<b>UT 3</b>	<b>CH- 7 &amp; 10</b>
<b>FINAL TERM</b>	<b>FINAL TERM: CH-1, 2, 5, 7, 9, 10 ,11, 12 &amp; 13</b>



## **SOCIAL SCIENCE**

### **LEARNING OBJECTIVES: -**

1. To develop an understanding about the past.
2. To encourage a sense of curiosity among the students.
3. To understand the working of the government at the central level.
4. To learn about India's struggle for independence.
5. To learn about the resources of the country.

### **TEXTBOOKS: -**

1. **History** - Our Past – III (NCERT Publishing)
2. **Civics** - Social and Political Life – III (NCERT Publishing)
3. **Geography** - Resource and Development (NCERT Publishing)

## **SYLLABUS**

<b>MONTH</b>	<b>COURSE CONTENT</b>
<b>March</b>	History: Ch.2 - From Trade to Territory
<b>April</b>	Geography: Ch.1 – Resources Civics: Ch.1 – The Indian Constitution Geography: Ch.2 – Land, Soil, Water and Natural Vegetation & Wildlife
<b>May</b>	History: Ch.3 – Ruling the countryside
<b>July</b>	Civics: Ch.2 – Understanding Secularism Civics: Ch.3 – Parliament and the making of laws
<b>August</b>	History: Ch.5 – When People Rebel Civics: Ch.4 - Judiciary
<b>September</b>	<b>Revision for Term I (Half Yearly Exam)</b>
<b>October</b>	History: Ch.6 – Civilizing the “Native”, Educating the “Nation” Geography: Ch.3 - Agriculture
<b>November</b>	Geography: Ch.4 – Industries Civics: Ch.5 – Understanding marginalization
<b>December</b>	History: Ch.7 – Women, Caste and Reforms Geography: Ch.5 – Human Resources Civics: Ch.8 – Law and Social Justice
<b>January</b>	History: Ch.8 – The Making of a National Movement: 1870s-1947
<b>February</b>	<b>Revision for Term II (Final Exam)</b>

## संस्कृतपाठ्यक्रमः 2025-26

## कक्षा-8

मासः	विषयः	उपविषयः	क्रियाकलापः
मार्च	क) संज्ञाशब्दः	1) पुल्लिङ्गम्	लिङ्गानुसारं 10-10 शब्दानाम् निर्माणं कुर्वन्तु ।
अप्रैल	क) संज्ञाशब्दः	2) स्त्रीलिङ्गम्, 3) नपुंसकलिङ्गम्।	लिङ्गानुसारं 10-10 शब्दानाम् निर्माणं कुर्वन्तु ।
	ख) धातुरूपाणि	लट्लकारः (वर्तमानकालः) पठ्, लिख् (वाक्यरचना)	10 क्रियानां रूपाणि लिखन्तु ।
	ग) सर्वनामपदानि	क) प्रथमपुरुषः 1) पुल्लिङ्गम्- सः तौ ते स्त्रीलिङ्गम्- सा ते ताः नपुंसकलिङ्गम्- तत् ते तानि 2) एषः एतौ एते एषा एते एताः एतत् एते एतानि ख) वाक्यरचना	लिङ्गानुसारं सर्वनामपदैः सह संज्ञापदानां मेलनं कुर्वन्तु।
		ग) मध्यमपुरुषः 2) त्वम् युवाम् यूयम् 3) क्रियाप्रयोगः (वाक्यरचना) घ) उत्तमपुरुषः 2) अहम् आवाम् वयम् 3) क्रियाप्रयोगः (वाक्यरचना)	<ul style="list-style-type: none"> <li>मध्यमपुरुषस्य सर्वनामपदैः सह मध्यमपुरुषस्य क्रियापदानि योजयन्तु।</li> <li>उत्तमपुरुषस्य सर्वनामपदैः सह उत्तमपुरुषस्य क्रियापदानि योजयन्तु।</li> </ul>

मई	घ) चित्रवर्णनम्; अपठितगद्यांशः च।		
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जुलाई	क) धातुरूपाणि	लृटलकारः (भविष्यकलः) लङ्लकारः (भूतकालः) पठ्, लिख् (वाक्यरचना)	10 क्रियानां रूपाणि लिखन्तु।
	ख) प्रथमः पाठः (सुभाषितानि)	1) श्लोकपठनम् भावार्थलेखनं च। 2) प्रश्नोत्तरलेखनम्। 3) शब्दार्थः वाक्यनिर्माणम्।	<ul style="list-style-type: none"> <li>• श्लोकानां कण्ठस्थीकरणम्।</li> <li>• परिचयदानम्</li> </ul>
अगस्त	द्वितीयः पाठः 'बिलस्य वाणी न कदापि मे श्रुता' तृतीयः पाठः 'डिजी भारतम्'	1) पाठपठनम् 2) पाठस्य अनुवादः। 3) प्रश्नोत्तरलेखनम्। 4) शब्दार्थः वाक्यप्रयोगः। 1) पाठपठनम् 2) पाठस्य अनुवादः। 3) प्रश्नोत्तरलेखनम्। 4) शब्दार्थः वाक्यप्रयोगः।	अव्ययपदानि योजयित्वा पञ्चवाक्यानि लिखन्तु।  संगणके संस्कृतभाषा कथम् उपयोगी? इति 10 वाक्यैः लिखन्तु।
अक्टूबर	चतुर्थः पाठः - 'सदैव पुरतो निधेहि चरणम्'	1) गीतोच्चारणम् 2) पदच्छेदः, अनुवादः च। 3) प्रश्नोत्तरलेखनम्।	पञ्चगीतानां संग्रहं कृत्वा स्वटिप्पणीपुस्तिकायां लिखन्तु।
	पञ्चमः पाठः - 'कण्केनैव कण्टकम्'	1) पाठपठनम् अनुवादः च। 2) प्रश्नोत्तरलेखनम्। 3) शब्दार्थः वाक्यप्रयोगः।	प्रत्यययुक्त-दश-शब्दानां सूचीं कुर्वन्तु।
नवम्बर	षष्ठः पाठः -	1) पाठपठनम् अनुवादः च।	'सामाजिकसंरचनायां महिलानां योगदानम्' इति

	'गृहं शून्यं सुतां विना'	2) प्रश्नोत्तरलेखनम्। 3) शब्दार्थैः वाक्यप्रयोगः।	विषये स्वाभिप्रायान् लिखन्तु।
दिसम्बर	अष्टमः पाठः  'संसारसागरस्य नायकाः'	1) पाठपठनम् अनुवादः च। 2) प्रश्नोत्तरलेखनम्। 3) शब्दार्थैः वाक्यप्रयोगः।	एकां संस्कृत-कथां लिखन्तु।
जनवरी	नवमः पाठः  'सप्तभगिन्यः'	1) पाठपठनम् अनुवादः च। 2) प्रश्नोत्तरलेखनम्। 3) शब्दार्थैः वाक्यप्रयोगः।	
FA-1  प्रथमपा ठः,  अपठित गद्यांशः ,चित्रवर्ण नम्, शब्दरूपा णि, धातुरूपा णि	FA-2  पंचमः पाठः, अपठितगद्यांशः, चित्रवर्णनम्, शब्दरूपाणि, धातुरूपाणि।  FA-3  अष्टमः पाठः, अपठितगद्यांशः, चित्रवर्णनम्, शब्दरूपाणि, धातुरूपाणि।	प्रथमसत्र (टर्म-1)  1) प्रथमः पाठः, द्वितीयः पाठः, तृतीयः पाठः, चतुर्थः पाठः।  2) अपठितगद्यांशः, वाक्यरचना, चित्रवर्णनम्, शब्दरूपाणि, धातुरूपाणि	द्वितीयसत्र (टर्म-2)  1) पंचमः पाठः, षष्ठः पाठः, सप्तमः पाठः, अष्टमः पाठः।  2) अपठितगद्यांशः, वाक्यरचना, चित्रवर्णनम्, शब्दरूपाणि, धातुरूपाणि

## COMPUTER SCIENCE CLASS VIII

### 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:

**Theory:** MEL AND CONJI (A Journey in Time & Space) By Tekie

**Practical:** Python III, Web Development III, Robotics III

Month	Content
April	<b>Ch-1 Networking Fundamentals (Theory Book)</b> <ul style="list-style-type: none"> <li>• Introduction to Computer Networks</li> <li>• Network Terminologies and Devices</li> <li>• Types of Computer Networks</li> <li>• Network Architecture and Protocols</li> <li>• Accessing a File From a Shared Drive</li> <li>• Network Security</li> </ul> <b>Ch-1 Fundamentals of Python (Practical Book)</b> <ul style="list-style-type: none"> <li>• Introduction to Python</li> <li>• Python Data Types</li> <li>• Variables</li> <li>• Operators</li> <li>• Conditional Statements</li> <li>• Iterative Statements</li> </ul>
May	<b>Ch-7 Video Editing in Canva (Theory Book)</b> <ul style="list-style-type: none"> <li>• Creating a Video in Canva</li> <li>• Components of Video Editor in Canva</li> <li>• Adding Videos in Canva</li> <li>• Basic Video Editing Tools</li> <li>• Applying Effects on Videos</li> <li>• Downloading and Sharing a Video</li> </ul> <b>Term1 Project:</b> <b>CANVA: Design a Video on any of following topics</b> <ol style="list-style-type: none"> <li>1. Science Explorer eg: Forest are Lifeline, Microorganism</li> <li>2. Literary Summaries: Summary of Novel</li> <li>3. Animated Poetry/ Story</li> <li>4. Cultural Presentation</li> <li>5. Cyber Ethics &amp; Safety</li> </ol>
July	<b>Ch-3 List &amp; Tuples in Python (Practical Book)</b> <ul style="list-style-type: none"> <li>• Lists</li> <li>• Tuples</li> <li>• Difference Between Lists and Tuple</li> </ul> <b>Ch-2 Cyber Ethics and Safety (Theory Book)</b> <ul style="list-style-type: none"> <li>• Introduction to Cyber Ethics</li> </ul>

	<ul style="list-style-type: none"> <li>• Unethical Practices</li> <li>• Online Safety Measures</li> <li>• Digital Footprints</li> <li>• Digital Citizenship</li> </ul>
<b>August</b>	<b>Ch-5 New and Emerging Technologies (Theory Book)</b> <ul style="list-style-type: none"> <li>• New Technologies</li> <li>• Augmented Reality and Virtual Reality</li> <li>• Metaverse</li> <li>• Robotics and 3D Printing</li> <li>• Biotechnology</li> <li>• Brain-computer Interfaces</li> <li>• Generative AI</li> </ul>
<b>September</b>	<b>SA1 Practicals and Revision</b>
<b>October</b>	<b>Ch-4 More on HTML (Practical Book)</b> <ul style="list-style-type: none"> <li>• What Is HTML?</li> <li>• Basics of HTML</li> <li>• Basic Tags of HTML</li> <li>• Understanding CSS</li> </ul> <b>Ch-8 AI: Data Science (Theory Book)</b> <ul style="list-style-type: none"> <li>• What is Artificial Intelligence?</li> <li>• Data and AI</li> <li>• Applications of Data Science</li> <li>• Fun with AI: Rock, Paper, Scissors</li> </ul>
<b>November</b>	<b>Ch-5 Creating Forms in HTML (Practical Book)</b> <ul style="list-style-type: none"> <li>• What Are HTML Forms?</li> <li>• Form Structure</li> <li>• Creating and Displaying a form</li> <li>• Form Attributes</li> <li>• Form Validation</li> <li>• Setting Properties of a Form Using Internal CSS</li> </ul> <b>Ch-6 Inserting Multimedia in HTML (Practical Book)</b> <ul style="list-style-type: none"> <li>• Adding Images</li> <li>• Creating Links</li> <li>• Adding Audio</li> <li>• Adding Video</li> </ul>
<b>December</b>	<b>Ch-4 Let us Develop Apps!</b> <ul style="list-style-type: none"> <li>• Introduction to Apps</li> <li>• Accessing Apps</li> <li>• Classification of Mobile Apps</li> <li>• Developing an App</li> </ul> <b>Ch-9 Natural Language Processing</b> <ul style="list-style-type: none"> <li>• Natural Language Processing</li> <li>• Fun with AI: Using AI Story Generator</li> <li>• The MIT App Inventor</li> </ul> <b>Term2 Project:</b> <b>HTML: Design a web site on any topic to your choice with Links, Forms &amp; Videos</b> <b>OR</b>

<b>January</b>	<b>APP Development: Design a Mobile application on any topic of your choice.</b>
<b>February</b>	<b>Final Practicals and Revision</b>
	<b>Final Exam</b>

### SYLLABUS

<b>Term 1 (Theory &amp; Practical)</b>	<b>Theory Book</b> Ch-1 Networking Fundamentals Ch-2 Cyber Ethics and Safety Ch-7 Video Editing in Canva <b>Practical Book</b> Ch-1 Fundamentals of Python Ch-3 Lists and Tuples in Python
<b>Term 2 (Theory &amp; Practical)</b>	<b>Theory Book</b> Ch-4 Let us Develop App Ch-5 New Emerging Technologies Ch-8 AI: Data Science Ch-9 AI: Natural Language Processing <b>Practical Book</b> Ch-4 More on HTML Ch-5 Creating Forms in HTML Ch-6 Inserting Multimedia in HTML
<b>Deleted Chapters</b>	<b>Theory Book</b> Ch-3 Introduction to Blockchain Ch-6 Introduction to Database Management System <b>Practical Book</b> Ch-2 Strings in Python