



Syllabus

Class VII

2025-26

ENGLISH

LEARNING OUTCOMES:

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

TEXTBOOKS:

- New Pathways for class 7- Oxford
- Wren and Martin High School English Grammar
- Classic Short Stories

MONTH	COURSE CONTENT
March & April	Term-1 Reader: Unit 1 -Section 1: A Hero-- R.K. Narayan Unit 1 -Section 3: The Flower- School (<i>Poem</i>) Grammar: Sentences Nouns Comprehension Writing: Description of Person
May	Reader: Unit 2 -Section 2: The Diary of a Space Traveler Unit 2 -Section 3: The Lake Isle of Innisfree (<i>Poem</i>) Grammar: Verbs Comprehension Writing: Description of a Place
July	Reader: Unit 3 -Section 1: The One who Survived Unit 3 -Section 3: Florence Nightingale (<i>Poem</i>) Grammar: Tenses (Past Present Future- all types) Comprehension Writing: Informal Letter
August	Reader: Unit 3 -Section 2: The Narayanpur Incident Grammar: Articles Adjectives Comprehension Writing: Story Writing
September	Revision for Summative Assessment-1

October	Term-2 Reader: Unit 4 -Section 1: Michelin-Star Chef Vikas Khanna: 5 things I wish someone told me before I became a chef Unit 4-Section 3: It's fun to cook (<i>Poem</i>) Grammar: Adverbs Pronouns Comprehension Writing: Notice Writing
November	Reader: Unit 5 -Section 1: The Ransom of Red Chief Grammar: Conjunctions Preposition Comprehension Writing: Formal Letter Writing (Letter to Editor)
December	Reader: Unit 5-Section 3: Goodbye party for Miss Pushpa T.S. (<i>Poem</i>) Unit 6 -Section 2: The Adventure of the Blue Carbuncle Grammar: Reported Speech Comprehension
January	Reader: Unit 6-Section 3: The Cabin of Mystery (<i>Poem</i>) Comprehension Writing: Dialogue Writing
February	Revision for Summative Assessment –II
March	Term II syllabus along with Tenses
UT-1	Reader: Unit 1 -Section 1: A Hero-- R.K. Narayan Unit 1 -Section 3: The Flower- School (<i>Poem</i>) Grammar: Sentences Writing: Description of Person
UT-2	Reader: Unit 2 -Section 2: The Diary of a Space Traveler Unit 2 -Section 3: The Lake Isle of Innisfree (<i>Poem</i>) Grammar: Nouns Writing: Description of a Place
UT-3	Reader: Unit 4 -Section 1: Michelin-Star Chef Vikas Khanna: 5 things I wish someone told me before I became a chef Unit 4-Section 3: It's fun to cook (<i>Poem</i>) Grammar: Adverbs Writing: Notice Writing

HINDI

पाठ्य पुस्तक

वसंत भाग 2

कथा मंजूषा भाग 2

माह	पाठ्यक्रम सामग्री
मार्च /अप्रैल	वसंत - 1 हम पंछी उन्मुक्त गगन के 2 हिमालय की बेटियां व्याकरण - भाषा ,वर्ण विचार,शब्द विचार अनुच्छेद लेखन,पत्र लेखन
मई	वसंत 3 कठपुतली संज्ञा,अपठित गद्यांश
जुलाई	वसंत - 4 मिठाईवाला 5 पापा खो गए कथा मंजूषा भाग 2 व्याकरण - सर्वनाम,स्वर संधि,विलोम शब्द पत्र लेखन, विज्ञापन निर्माण
अगस्त	वसंत 6शाम एक किसान

	8 रहीम के दोहे कथा मंजूषा भाग 2 व्याकरण - क्रिया, क्रिया विशेषण, उपसर्ग मुहावरे
सितंबर	पुनरावृत्ति +7 अपूर्व अनुभव
अक्टूबर	वसंत 9 एक तिनका कथा मंजूषा भाग 2 व्याकरण - काल, वाक्य, प्रत्यय, समास, विराम चिह्न, विलोम शब्द पर्यायवाची, मुहावरे
नवंबर	वसंत 10 खानपान की बदलती तस्वीर 11 नीलकंठ 12 भोर और बरखा कथा मंजूषा भाग 2 व्याकरण वाक्यांश, पत्र लेखन, अनुच्छेद
दिसंबर	वसंत 13 वीर कुंवर सिंह 14 संघर्ष के कारण में तुनुक मिजाज़ बन गया कथा मंजूषा भाग 2 व्याकरण - वाक्य के अंग, प्रत्यय, वाक्यांश, मुहावरे
जनवरी	वसंत 15 आश्रम का अनुमानित व्यय कथा मंजूषा भाग 2

	व्याकरण- मुहावरे, वाक्यांश पत्र लेखन, अनुच्छेद लेखन, सूचना लेखन
इकाई परीक्षा I	पाठ – हम पंछी उन्मुक्त गगन के , हिमालय की बेटियां व्याकरण – भाषा, वर्ण विचार अनुच्छेद अपठित गद्यांश
इकाई परीक्षा II	पाठ – कठपुतली , मिठाईवाला व्याकरण - संज्ञा ,मुहावरे (1 – 10) ,विलोम शब्द (1 -10) पत्र लेखन, अपठित गद्यांश
अर्द्धवार्षिक परीक्षा	पाठ- हम पंछी उन्मुक्त गगन के , हिमालय की बेटियां कठपुतली , मिठाईवाला ,पापा खो गए, शाम एक किसान रहीम के दोहे, व्याकरण- भाषा ,वर्ण विचार,शब्द विचार, संज्ञा, सर्वनाम,स्वर संधि,विलोम शब्द(1- 15), क्रिया,क्रिया विशेषण,उपसर्ग मुहावरे (1 – 15) कथा मंजूषा भाग 2 पाठ 1- 6 लेखन- अनुच्छेद, पत्र लेखन, विज्ञापन निर्माण
इकाई परीक्षा III	अपूर्व अनुभव ,एक तिनका व्याकरण - काल ,वाक्य के अंग अनुच्छेद लेखन

वार्षिक परीक्षा	<p>पाठ हम पंछी उन्मुक्त गगन के, कठपुतली , एक तिनका, खानपान की बदलती तस्वीर, नीलकंठ, भोर और बरखा , वीर कुंवर सिंह, संघर्ष के कारण में तुनुक मिजाज़ बन गया, आश्रम का अनुमानित व्यय</p> <p>व्याकरण- भाषा , संज्ञा, सर्वनाम, स्वर संधि, विलोम शब्द, क्रिया, क्रिया विशेषण, उपसर्ग, वाक्य के अंग, प्रत्यय, वाक्यांश(1- 10), मुहावरे(1- 20), काल, वाक्य, प्रत्यय, समास, विराम चिह्न, विलोम शब्द (1-15) , पर्यायवाची(1-20)</p> <p>कथा मंजूषा भाग 2</p> <p>पाठ 7 – 12</p> <p>लेखन- अनुच्छेद, पत्र लेखन, विज्ञापन लेखन सूचना लेखन</p>
-----------------	---

SCIENCE

LEARNING OBJECTIVES:

1. To enable students to be more creative and acquire skills for solving scientific problems.
2. To inculcate a scientific thirst and attitude.
3. To develop reasoning abilities in a systematic manner.
4. To develop the ability to apply the knowledge of Science in day-to-day life.
5. To sharpen observations and inculcate the spirit of exploration.

BOOK REFERRED – NCERT BOOK

Month	Course Content
April	Chapter1: Nutrition in plants. Activities /Projects: 1. To observe stomata under a microscope Chapter 12: Forests: Our life line.
May	Chapter 9: Motion and Time Activities: 1. To calculate the time period of a pendulum.
July	Chapter 4: Acids, Bases And Salts Chapter5: Physical And Chemical changes Activities: 1. To show litmus is an indicator for acids and bases. 2. To show how we can use phenolphthalein as an indicator. 3. To show the process of neutralization 4. To prepare turmeric paper and test the effect of the given solutions on it. 5. To show that magnesium oxide is basic in nature 6. To study the reaction between vinegar and sodium carbonate to form Carbon dioxide. 7. To observe the reaction between copper sulphate solution and iron nail.
August	Chapter2: Nutrition In Animals Chapter 10: Electric Current And Its Effects. Activities: 1. To show magnetic effect of electric current. 2. To make a simple electric circuit.
September	UT1: Chapter 1 & 12 UT2 : Chapter 4 & 5 REVISION FOR TERM 1 Chapter: 1, 2, 4, 5, 9, 10 & 12

October	Chapter 11: Light Chapter 7: Transportation In Animals And Plants Activities/projects <ol style="list-style-type: none"> 1. To show the formation of real image of the sun by convex lens/ concave mirror. 2. To identify the types of mirrors shown and the images formed by these mirrors. 3. To identify the types of lenses used and the types of images formed by these lenses.
November	Chapter 7: Transportation In Animals And Plants (cont.) Chapter 3: Heat Activities: <ol style="list-style-type: none"> 1. To calculate the least count of the thermometer and take the reading. 2. To show the convection of heat in water using KMnO_4 crystals.
December	Chapter 6: Respiration In Organisms Activities /Projects <ol style="list-style-type: none"> 1. To find the breathing rate at normal condition, after 10 min. of brisk walking. 2. To study the effect of exhaled air on lime water. 3. To prepare a model to show mechanism of breathing. Chapter 8: Reproduction In Plants.
January	Chapter 8: Reproduction In Plants (continued.) Chapter 13: Wastewater Story Activities: <ol style="list-style-type: none"> 1. To observe and study the various parts of a flower.
February	REVISION FOR TERM 2 Chapters for Final Term: Ch 4, 5, 9, 3, 6, 7, 8, 11, 13

MATHEMATICS

LEARNING OBJECTIVES:

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

TEXTBOOKS:

MATHEMATICS - A Textbook for class VII (NCERT)

RECOMMENDED BOOKS:

MATHEMATICS for class VII R.S. Aggarwal / R.D. Sharma

Month	Course Content
March & April	Ch-1: Integers Ch-2: Fractions and Decimals Activity 1: To represent the product of two fractions on a square paper by drawing horizontal/vertical lines
May	Ch-2: Fractions and Decimals (contd...) Ch-13: Visualising Solid Shapes Activity 2: To represent the product of decimal nos. on a square paper by drawing horizontal/vertical lines.
July	Ch-5: Lines and Angles Ch-4: Simple Equations Activity 3: To find the relation between vertically opposite angles when two lines intersect each other.
August	Ch-10: Algebraic Expressions Ch-8: Rational Numbers Activity 4: To study the relation between corresponding angles when two parallel lines are cut by a transversal.
September	Revision for TERM-I
October	Ch-7: Comparing Quantities Ch-3: Data Handling
November	Ch-6: Triangle and Its Properties Ch-12: symmetry Activity 5: To verify angle sum property of a triangle. Activity 6: To verify exterior angle property of a triangle. Activity 7: To verify the triangle inequality property of a triangle.
December	Ch- 9: Perimeter & Area Activity 8: To explore the concept of π Activity 9: To find an expression for the area of the parallelogram by paper cutting and pasting method. Activity 10: To find an expression for area of a circle by paper cutting and pasting method.
January	Ch-11: Exponents & Powers
February	Revision for TERM-II
SYLLABUS	
UT 1	Ch-1,2 (Ex 2.1, Ex 2.2)
UT 2	Ch- 4, 5
TERM-I	Ch-1, 2, 4, 5, 8, 10, 13
UT 3	Ch-3, 7
TERM-II	Ch-2, 3, 5, 6, 7, 9, 11, 12

SOCIALSCIENCE
Class VII : Session 2025-26

LEARNING OBJECTIVES:-

1. To develop an understanding about the past.
2. To encourage a sense of curiosity among the students.
3. To enable the students to understand the processes taking place in their physical social environment.
4. To develop a sense of humanity and equality.
5. To sharpen their observation and skills of map work.

TEXTBOOKS:

- Social Science Textbook in Geography for class VII – **Our Environment**
- Social Science Textbook in History for class VII - **Our Pasts - II**
- Social Science Textbook for class VII - **Social and Political Life-II**

Month	Course Content
March & April	Geography: Ch1 :Environment Civics : Ch2 :Role of the Government in Health History : Ch2 : Kings and Kingdoms
May	History: Ch3 :Delhi: 12th to 15th Century
July	Geography: Ch2 :Inside our Earth Civics: Ch 3 : How the State Government Works? History : Ch4 :The Mughals (16th to 17th Century)
August	Geography: Ch3 :Our Changing Earth Ch4 : Air
September	History: Ch 6 :Devotional Paths to the Divine
October	Geography: Ch 5 : Water Civics: Ch 6 : Understanding Media
November	Civics: Ch 7 : Markets Around Us History: Ch 7 : The Making of Regional Cultures
December	Geography: Ch 7 : Life in Deserts History: Ch 8 : Eighteenth-Century Political Formations
January	Civics: Ch8 : A Shirt in the Market
February	Revision for Final Term
March	Final Term
Syllabus	
UT-1	Geography :Ch-1 Civics:Ch-2
UT-2	History:Ch-3 Geography :Ch-2 Civics :Ch-3
Term-1	History :Ch-2, 3, 4 Geography :Ch-1, 2, 3, 4 Civics :Ch- 2, 3
UT-3	History: Ch-6 Geography :Ch-5
Final Term	History :Ch-6,7,8 Geography :Ch-5,7 (Ch-4 from Term I) Civics:Ch-6, 7, 8 (Ch-3 from Term I)

संस्कृतपाठ्यक्रम: 2025-26

कक्षा-7

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"> मध्यमपुरुषस्य सर्वनामपदैः सह मध्यमपुरुषस्य क्रियापदानि योजयन्तु। उत्तमपुरुषस्य सर्वनामपदैः सह उत्तमपुरुषस्य क्रियापदानि योजयन्तु।

मई	घ) चित्रवर्णनम्; अपठितगद्यांशः च।		
जुलाई	क) धातुरूपाणि	लृटलकारः (भविष्यकलः) लङलकारः (भूतकालः) पठ्, लिख् (वाक्यरचना)	10 क्रियानां रूपाणि लिखन्तु ।
	प्रथमः पाठः - सुभाषितानि	1) श्लोकपठनम् भावार्थलेखनं च। 2) प्रश्नोत्तरलेखनम्। 3) शब्दार्थः वाक्यनिर्माणम्।	<ul style="list-style-type: none"> • श्लोकानां कण्ठस्थीकरणम्। • परिचयदानम्
अगस्त	द्वितीयः पाठः - दुर्बुद्धिः विनश्यति।	1) पाठपठनम् अनुवादः च। 2) प्रश्नोत्तरलेखनम्। 3) शब्दार्थः वाक्यनिर्माणम्।	पाठे आगतानां पञ्चक्रियापदानां लङलकारस्य रूपाणि लिखन्तु ।
	तृतीयः पाठः - स्वावलम्बनम्	1) पाठपठनम् अनुवादः च। 2) प्रश्नोत्तरलेखनम्। 3) शब्दार्थः वाक्यनिर्माणम्।	पाठे आगतानां पञ्चक्रियापदानां लट्कारस्य रूपाणि लिखन्तु ।
अक्टूबर	चतुर्थः पाठः पण्डिता रमाबाई	1) पाठपठनम् अनुवादः च। 2) प्रश्नोत्तरलेखनम्। 3) शब्दार्थः वाक्यनिर्माणम्।	स्वपरिवारस्य महिलानां परिचयं संस्कृतेन वदन्तु।
नवम्बर	पंचमः पाठः - सदाचारः षष्ठः पाठः - संकल्पः सिद्धिदायकः	1) श्लोकोच्चारणम् 2) पदच्छेदः, अनुवादः च। 3) प्रश्नोत्तराणि 1) पाठपठनम् अनुवादः च। 2) प्रश्नोत्तरलेखनम्। 3) शब्दार्थः वाक्यनिर्माणम्।	<ul style="list-style-type: none"> • संस्कृत-कविता-वाचनम्। • पाठे आगतानां लङलकारस्य पञ्चक्रियापदानां रूपाणि 'स्म' प्रत्ययं योजयित्वा लिखन्तु ।

दिसम्बर	सप्तमः पाठः - त्रिवर्णः ध्वजः	1) पाठपठनम् अनुवादः च। 2) प्रश्नोत्तरलेखनम्। 3) शब्दार्थः वाक्यनिर्माणम्।	संवादं लिखन्तु।
जनवरी	अष्टमः पाठः अहम् अपि विद्यालयं गमिष्यामि।	1) पाठपठनम् अनुवादः च। 2) प्रश्नोत्तरलेखनम्। 3) शब्दार्थः वाक्यनिर्माणम्।	'सर्वे पठन्तु, अग्रे सरन्तु' इति विषयम् अवलम्ब्य दशवाक्यानि लिखन्तु।

FA-1	FA-2	प्रथमसत्र (टर्म-1)	द्वितीयसत्र (टर्म-2)
प्रथमपाठः, अपठितगद्यांशः, चित्रवर्णनम्, शब्दरूपाणि, धातुरूपाणि	पंचमः पाठः, अपठितगद्यांशः, चित्रवर्णनम्, शब्दरूपाणि, धातुरूपाणि FA-3 सप्तमः पाठः, अपठितगद्यांशः, चित्रवर्णनम्, शब्दरूपाणि, धातुरूपाणि।	1) प्रथमः पाठः, द्वितीयः पाठः, तृतीयः पाठः, चतुर्थः पाठः। 2) अपठितगद्यांशः, वाक्यरचना, चित्रवर्णनम्, शब्दरूपाणि, धातुरूपाणि	1) पंचमः पाठः, षष्ठः पाठः, सप्तमः पाठः, अष्टमः पाठः। 2) अपठितगद्यांशः, वाक्यरचना, चित्रवर्णनम्, शब्दरूपाणि, धातुरूपाणि

COMPUTER

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 (Avara Under Attack) By Tekie

Practical: Python II, Web Development II, Robotics II

Month	Content
April	Ch-1 Introduction to Number Systems (Theory Book) <ul style="list-style-type: none"> • Number Systems • Converting Numbers from One System to Another • Binary Addition • Binary Subtraction Ch-1 Basics of Python (Practical Book) <ul style="list-style-type: none"> • Programming Languages • Introduction to Python • Data Types • Variables • Simple Calculator • Dynamic Typing • Typecasting • Arithmetic Operators
May	Ch-2 Cyber Security (Theory Book) <ul style="list-style-type: none"> • What are Cybercrimes? • How to Protect Yourself? TERM 1 Project (Any One): <ol style="list-style-type: none"> 1. Currency Converter 2. Temperature Converter 3. Mini Calculator 4. Bill Calculator
July	Ch-3 Computational Thinking (Theory Book) <ul style="list-style-type: none"> • Problem-Solving • Concepts of Computational Thinking Ch-2 Control Statements in Python (Practical Book) <ul style="list-style-type: none"> • Control Statements • Conditional Statements • Types of Conditional Statements • Logical Operators • Loops • Jump Statements • Infinite Loop
August	Ch-7 Creating Animations with Canva (Theory Book) <ul style="list-style-type: none"> • Designing with Canva

	<ul style="list-style-type: none"> • Concept of Layers • Animations Ch-8 AI: Big Data (Theory Book) <ul style="list-style-type: none"> • Introduction to Big Data • Working with Big Data • The Future of Big Data • Fun with AI: Using Impact Filter
September	Term 1 Practicals and Revision
October	Ch-3 Introduction to Web Development (Practical Book) <ul style="list-style-type: none"> • Web Development • HTML • Basic Structure of an HTML Document • Basic HTML Terminologies • CSS Ch-8 AI: Machine Learning (Theory Book) <ul style="list-style-type: none"> • What Is Machine Learning? • How Do the Machines Learn? • Types of Machine Learning • Fun with AI: Using Teachable Machine • Applications of Machine Learning • Deep Learning • MIT App Inventor
November	Ch-4 Images and Hyperlinks in HTML (Practical Book) <ul style="list-style-type: none"> • Adding Images • Styling Images • Flexbox • Hyperlinks Ch-4 Calculations Using Spreadsheets (Theory Book) <ul style="list-style-type: none"> • Understanding Spreadsheets • Creating a Spreadsheet • Elements of a Spreadsheet • Cell Naming • Applying Formulas • Functions • More Functions Used in Google Sheets
December	Ch-5 Lists and Tables in HTML (Practical Book) <ul style="list-style-type: none"> • Adding Lists • Styling Lists • Tables Ch-5 Visualizing Data Using Spreadsheets (Theory Book) <ul style="list-style-type: none"> • Sorting • Grouping of Data • Filtering Data • Charts • Sheet Tabs
	Term 2 Project:

	Web Application: Create a Promotional Website using Linking, List & Tables or CANVA: Design a Banner/Invite for Sports Day Celebration
January	Final Practicals and Revision
February	Final Exam

SYLLABUS	
Term 1 (Theory & Practical)	Theory Book: Ch-1 Introduction to Number Systems Ch-2 Cybersecurity Ch-3 Computational Thinking Ch-7 Creating Animation with Canva Ch-8 Big Data Practical Book: Ch-1 Basics of Python Ch-2 Control Statements in Python
Term 2 (Theory & Practical)	Theory Book: Ch-4 Calculations using Spreadsheets Ch-5 Visualising Data using Spreadsheet Ch-9 AI: Machine Learning Practical Book: Ch-3 Introduction to Web Development Ch-4 Images & Hyperlink in HTML Ch-5 Lists & Tables in HTML
Deleted Chapter	Theory Book Ch-6 Introduction to Database