

**SYLLABUS BIFURCATION
SESSION 2024-2025**

CLASS – VII

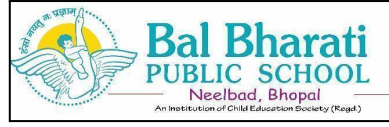
SUBJECT:ENGLISH

Month	Topic	Sub Topics	No. of Working Days	Curriculum Mapping	Learning outcome
April	MCB: L-1 Learning the Game L-2 Be the Best of Whatever You Are SB: L-1 Doctor Dolittle Learn Animal Language. Grammar: Articles,Tenses WS. Diary Entry		22	1. Topic of Diary Entry related to food/ dish making (culinary) 2.Table on Tenses (2D)	* It will enable students to understand the world around them; *It will develop the ability to express ideas and feelings. *It will develop the reading skills; *develop the writing skills; *develop the communication skills; *to help develop vocabulary and grammar in context; * to enable them to be creative, think critically .
June	MCB 3.Malgudi Cricket Club Grammar Conjunctions W.S- Formal letter Poster Making SB L 2- The fog		9	Creating a self portrait Loving ourselves is as important as loving our family and friends. Yet, sometimes we fail to identify our own special qualities. Create a self-portrait in words.(2D)	Students would be able to –Comprehend, correlate and critically evaluate the text. .Write a formal application, make poster

<p>July</p>	<p>Basic Grammar(Parts of Speech),Determiners W.S Notice writing Message Writing S.B 3. Packing for the Trip 4.. The Bazaars of Hyderabad(Poem) MCB 4.On the grasshopper and the cricket 5. Binya’s Blue Umbrella</p>		<p>25</p>	<p>Prepare a Venn Diagram Find out how grasshoppers and crickets are similar, and what are some characteristics they possess that are unique. Showcase your findings in the form of a Venn diagram.</p> <p>Prepare a beautiful Binya’s umbrella with Adjectives written on it describing it.(3D)</p>	<p>Use Determiners and Tenses in sentences of their own. comprehend the text.Students would be able to – Comprehend Correlate Critically evaluate the text Identify the techniques of written language. Appreciate poetry as a literary genre.</p>
<p>Aug</p>	<p>MCB 6. Somebody’s mother (Poem) 7.Bright Spark 8. Gravity (poem) Grammar editing,</p>		<p>17</p>	<p>Character Dramatisation Prepare a two-minute video of yourself enacting your favourite character from any story book. Dress up as him or her and adopt behavioural characteristics.(PERFORMING ARTS)</p>	<p>Students would be able to – read and appreciate poetry comprehend the text. edit a paragraph</p>
<p>Half yearly exams-23 aug - 9 sep :MCB- L 1-8, SB- L 1-5, WS & Basic Grammar(Parts of Speech) Articles and Determiners,Tense,Notice writing,Message Writing,Poster Making, Letter Writing(Informal),Editing NOTE: Following chapters will be assessed for internal assessment (subject enrichment and multiple assessment): 1. On the Grasshopper and the Cricket 2. Bright Spark 3. The Fog (Supplementary Readers selected by school may be evaluated for Internal Assessment.)</p>					

sept	<p>MCB L9- The face on the wall ,L-10 As I Grew Older SB L-5 Being Neighbourly. L 6- Where the Mind is Without Fear Grammar Active and Passive voice. Transitive and intransitive verbs.</p>			3D Model for ACTIVE AND PASSIVE VOICE	Students would be able to – Comprehend Correlate Critically evaluate the text Identify the techniques of written language.Help develop vocabulary and grammar in context;
October	<p>MCB L-11 Indian Classical Dance Forms L-12 My Lost Dollar SB L-7 Time Travelling</p>		20	Unity in Diversity India is an incredibly diverse country. Work in groups and research about aspects of India's art and culture. The groups shall then submit a video presenting their research,	Students would be able to – Comprehend Correlate Critically evaluate the text Identify the techniques of written language
November	<p>MCB L13-All the World's a Stage SB L8- Why I Write Grammar Reported Speech (Assertive sentences) Email writing</p>		21	ART INTEGRATED PROJECT To know our 'Bharat' better, prepare a brochure on any one of India's famous historical monuments. Use your knowledge of the history and the architecture connected with the monument. Also, justify the need for protecting the monument in your brochure.(3D)	Students would be able to – construct knowledge of themes, subjects and concepts and be aware of the interdisciplinary connections imbibe the Indian ethos through integration of Indian art and architecture in the teaching and learning process

December	MCB L-14-The Holy Panchayat SB L-9 The Lake Isle of Innisfree GRAMMAR Omissions,Story Writing		17	Questionnaire: Draft a questionnaire and interview Your grandparents .(PERFORMING ARTS)	Students would be able to – Brainstorm and organize ideas for a creative writing piece
January	MCB L-15 The Case of the Missing Papers (Play) L-16 Shillong: The Rock Capital of India GRAMMAR prepositions		22	Enactment of the play ‘The Case of the Scientist’s Missing Papers’ (performing arts) Write a recipe of a dish using as many prepositions as possible .Underline the prepositions .(CULINARY)	Students would be able to – develop critical appreciation for play develop confidence and express themselves through enactment.
February	REVISION				



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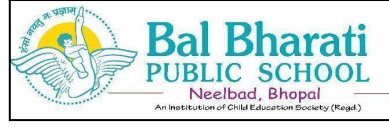
SUBJECT:HINDI

Month	Chapter Name	No. of Days Required	Curriculum Mapping	Learning Outcomes
अप्रैल	पाठ-1. हम पंछी उन्मुक्त गगन के पाठ 2 हिमालय की बेटियां व्याकरण- भाषा लिपि और व्याकरण वर्ण - विचार, तत्सम-तद्भव - अंध - पंच, विलोम शब्द आवेदन पत्र, अनुच्छेद - जल ही जीवन है लघु कथा	22	कविता का स्वरबद्ध गायन। नदी के संरक्षण पर चित्र बनाएं वह नदी को सुरक्षित व साफ रखने के लिए सरकार द्वारा किए गए उपाय लिखें हमारे समाज में व्याप्त विभिन्न विसंगतियां पर संवाद लेखन तथा प्रस्तुति	आधुनिक काव्य धारा से संक्षिप्त परिचय, स्वतंत्रता की महत्ता का प्रतिपादन *पशु पक्षियों के प्रति संवेदनशीलता की भावना का विकास। नदियों के महत्व का पल्लव व्यावहारिक व्याकरण का ज्ञान भाषा की संरचनात्मक विशेषताओं से परिचय भाषा लिपि व व्याकरण की परिभाषा व प्रकार। आवेदन पत्र का प्रारूप, जल का महत्व, लघु कथा लिखने का तरीका।
जून	पाठ 3 कठपुतली	09	स्वतंत्र व परतंत्र जीवन पर चर्चा - परिचर्चा	आधुनिक काव्य धारा से संक्षिप्त परिचय, स्वतंत्रता की महत्ता का प्रतिपादन
जुलाई	पाठ 4 मिठाईवाला	25	परतंत्र जीवन का अनुभव प्रस्तुति	विषय वस्तु का बोध एवं व्याख्या , लेखक के मनोभावों को समझना, शब्दों का प्रसंगानुकूल

	पाठ 5 पापा खो गए विशेषण, क्रिया, समरूपी भिन्नार्थक शब्द, उपसर्ग - प्रत्यय, अनुच्छेद - मित्रता		‘पापा खो गए’ पाठ के नाट्य प्रस्तुति	अर्थ समझना, आलोचनात्मक चिंतन , तार्किकता सौंदर्य- बोध आलोचनात्मक चिंतन , तार्किकता जीवन- सापेक्ष अनुभवों का आदान-प्रदान, काठिन्य- निवारण, मनन- चिंतन, चर्चा - परिचर्चा, काव्य का रसास्वादन, आगमन विधि। शुद्ध उच्चारण के साथ कठिन क्षमता का विकास
अगस्त	पाठ 6 शाम एक किसान पाठ 7 अपूर्व अनुभव कारक, सर्वनाम, तत्सम तद्भव- पक्षी-कोकिल, विलोम शब्द- शिष्य-स्मरण, पर्यायवाची शब्द- इंद्र-उपवन, अनेकार्थक शब्द- कुल-तात, अनेक शब्दों के लिए एक शब्द- जन्मांध-	23	कविता की चित्रात्मक प्रस्तुति।	विद्यार्थी समझने में समर्थ होंगे जीवन में मेहनत व ईमानदारी का महत्व, सफलता, सकारात्मक सोच की आवश्यकता। विद्यार्थी के जीवन के मूल्यों का विकास, व्यवहारिकता से जोड़ना सिखाना
सितम्बर	पाठ 8 रहीम के दोहे पाठ 9 एक तिनका	22	अर्द्ध वार्षिक परीक्षा रहीम के दोहों का गायन	विद्यार्थी के जीवन के मूल्यों का विकास, व्यवहारिकता से जोड़ना सिखाना कविता से संक्षिप्त परिचय घमंड से होने वाले दुष्प्रभाव को समझना

	विराम चिह्न, समरूपी भिन्नार्थक शब्द, मुहावरे, विज्ञापन - लेखन, स्वास्थ्य अधिकारी को पत्र		‘तिनका काबहुँ न चर्चा - परिचर्चा।	
अक्टूबर	पाठ 10 खानपान की बदलती तस्वीर पाठ 11 नीलकंठ	19	विभिन्न राज्यों के खानपान को बताते हुए उनके चित्र एकत्र करें। चूनाती पूर्ण जीवन की सार्थकता - परिचर्चा	विषय वस्तु का बोध एवं व्याख्या , लेखक के मनोभावों को समझना, शब्दों का प्रसंगानुकूल अर्थ समझना, आलोचनात्मक चिंतन , तार्किकता सौंदर्य- बोध विद्यार्थी को प्राणी मात्र की स्वतंत्रता से परिचित कराना
नवम्बर	पाठ 12 भोर और बरखा पाठ 13 वीर कुंवर सिंह वाक्य रचना, अपठित गद्यांश, अनेकार्थी शब्द, लघु कथा लेखन, अनुच्छेद - समय का सदुपयोग	22	कविता का स्वरबद्ध गान सन 1857 में कौन-कौन से स्वतंत्रता सेनानी हुए उनकी चित्र चिपकाए और उनके बारे में लिखें।	श्री कृष्ण के बाल जीवन का महत्व अथवा वर्षा ऋतु का मनमोहक दृश्य समझने में समर्थता गद्य-विधा के अंतर्गत निबंध - विधा से संक्षिप्त परिचय, वीर कुंवर सिंह तथा उनके सहयोगियों के जीवन से प्रेरणा, पद्य-विधा के अंतर्गत मध्ययुगीन संत-काव्यधारा से संक्षिप्त परिचय, नैतिक मूल्यों का पल्लवन, शिल्पगत सूक्ष्मताओं से परिचय, व्यावहारिक व्याकरण का ज्ञान, भाषा की संरचनात्मक विशिष्टताओं से परिचय, प्रभावोत्पादक अभिव्यक्ति हेतु सक्षमता का प्रतिपादन। शुद्ध उच्चारण के साथ कठिन क्षमता का विकास
दिसम्बर	पाठ 14 संघर्ष के कारण मैं तुनक मिजाज हो गया : धनराज	21		गद्य-विधा के अंतर्गत साक्षात्कार-विधा से संक्षिप्त परिचय, धनराज पिल्लै के प्रेरणास्पद के जीवन से परिचय, व्यावहारिक व्याकरण का ज्ञान, प्रभावोत्पादक अभिव्यक्ति हेतु सक्षमता का प्रतिपादन

	मुहावरे, समास, अशुद्ध वाक्यों का संशोधन, अनुच्छेद, शिकायती पत्र			
जनवरी	पाठ 15 आश्रम का अनुमानित व्यय	21	आश्रम को बनाने में अनुमानित कितना व्यय होता है उसकी तालिका बनाकर आवश्यक सामग्री को भी लिखें।	विषय वस्तु का बोध एवं व्याख्या, लेखक के मनोभावों को समझना, शब्दों का प्रसंगानुकूल अर्थ समझना, आलोचनात्मक चिंतन, तार्किकता सौंदर्य- बोध आलोचनात्मक चिंतन, तार्किकता
फरवरी	पुनरावृत्ति	21		
मार्च	वार्षिक परीक्षा			



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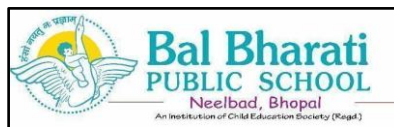
CLASS –VII

SUBJECT: , Sanskrit

Month	Chapter Name	No. of Days Required	Subtopic	Curriculum Mapping	Learning Outcomes
April	पाठ-1 वैभवस्य जन्मदिवसः	03	N A	जन्मदिवस पर आपने क्या क्या किया उसे संस्कृत में बोलना	संवाद माध्यम से संस्कृत शब्दों एवं वाक्यों का ज्ञान।
	पाठ-2 शुक्रः काकः च - अपठित गद्यांश, संकेताधारित संवाद लेखनम्	03	N A	अपठित अनुच्छेद पढ़कर प्रश्नों के उत्तर अन्वेषण कीजिए।	लड़. लकार प्रथम पुरुष का वाक्यों में प्रयोग अपठित गद्यांश से प्रश्नों के उत्तर खोजना।
June	पाठ-3 दरिद्रस्य सहायता चित्राधारित वर्णनम् पत्रलेखन	02		छात्रों से बात चीत आप अपने आसपास के दरिद्र एवं जरूरत मंदों की कैसे सहायता करते हैं।	पाठ परिचय लड़. लकार का वाक्यों में प्रयोग। त्रिषुलिङ्गेषु एकतः चतुर्पर्यन्त संख्या प्रयोगः, पंचतः विंशति पर्यन्तम् संख्या प्रयोगः।
July	पाठ-4 जन्तुशालायाः विहारः व्याकरणम्- धातुरूपाणि	03		गम पठ भु आदि धातुए लटलकार एवं विधिलिङ्. लकार में तीनों वचनों वाक्य में प्रयोग करकर वाक्य बनाना सिखाया जाएगा	गम पठ भु आदि धातुए लटलकार एवं विधिलिङ्. लकार में तीनों वचनों वाक्य में प्रयोग करना
August	पाठ-5	02			संस्कृत में समय ज्ञान संस्कृत में संख्या लिखने का ज्ञान
	पाठ-6 शिष्टाचारः (लोटलकारः) व्याकरणम् - शब्दरूप अव्यय -	04		शिष्टाचार के वाक्यों का संकलन, दिवार पर चित्र बनवाना https://youtu.be/wofF_aLDKEw?si=pw5Cxc7s4p-woaNJ	छात्र शिष्टाचार के महत्व को समझेंगे। लता, मुनि आदि शब्द रूप सभी विभक्तियों प्रयोग करना।

	व्याकरण- कर्ता और क्रिया का संबंध				
	पाठ-7 स्वस्थ वृत्तम् समय लेखनम संख्या	03		उत्तम स्वास्थ्य के लिए क्या आवश्यक है? व्यायाम से संबंधित चित्र बनाइए एवं समझाइए।	वाक्यों में अव्यय पहचानना तथा वाक्य बनाने में अव्यय का प्रयोग करना, लोटलकार में वाक्यों का निर्माण , स्वास्थ्य की रक्षा के लिए सतर्कता । त्रिषुलिंगेषु एकतः चतुर्पर्यन्त संख्या प्रयोगः, पंचतः विंशति पर्यन्तम् संख्या प्रयोगः । संस्कृत में समय ज्ञान
September	पाठ-8 रमणीयम उद्यानम	02		लट एवं लृट लकारों की धातुरूपों को लिखो । वर्गपहेली के माध्यम से लड़ें. लकार प्रथम पुरुष का प्रयोग अपठित गद्यांश देकर, प्रश्नों के उत्तर लिखवाना दिए गए चित्र से माध्यम पुरुष के वाक्यों का निर्माण कीजिए पत्र लिखिए – छात्रों को संस्कृत माध्यम के द्वारा वार्तालाप करने के लिए प्रेरणा देना ।	त्रिषुलिंगेषु एकतः चतुर्पर्यन्त संख्या प्रयोगः, पंचतः विंशति पर्यन्तम् संख्या प्रयोगः । संस्कृत में संख्या लिखने का ज्ञान
	पाठ-9 मम परिवारः	02		परिवार में हम लोग किन किन चीजों का प्रतिदिन उपयोग करते हैं। सूची बनाइए	उपसर्गयुक्त पदों का ज्ञान, परिवार का महत्व। वर्ण संयोजन एवं वर्ण विन्यास की विधि का ज्ञान ।
October	पाठ-10 आदर्शाः छात्राः	03		आदर्श छात्रों के लक्षण लिखिए।	कृत्वा, तुमुन्, ल्यप्-प्रत्ययों द्वारा वाक्य रचना । आदर्शछात्रों की दिनचर्या। कर्ता का क्रिया से संबंध ज्ञान

	पाठ -11 भारतीय समुद्रतटाः प्रत्यय -	02		भारतीय समुद्र तटों के बारे में लिखिए। आप अभी तक किसी समुद्र तट पर गए हो? यदि हां तो उसके बारे में लिखिए।	भारत के विभिन्न -तटों का परिचय: , विशेषण -विशेष्य-सम्बन्ध। धातु तथा शब्द रूपों में प्रत्यय लगाने के नियम
November	पाठ-12 भारतरत्नम श्री अटलबिहारी वाजपेयी महोदयः	03		किन्हीं पांच भारतीय प्रधानमंत्री के बारे में लिखिए।	श्री अटलबिहारी वाजपेयी महोदय का परिचय
December	पाठ-14 किं किं कूर्यात	02		जीवन में कैसे व्यवहार करना चाहिए। अपने अनुभव से लिखिए।	कारक-उपपद विभक्ति के भेद तथा विविध शब्दों के योग में विभक्ति-विशेष का परिचय ।
January	पत्र लेखन एवं लघु तथा दीर्घ अनुच्छेद का पुनरभ्यास दीर्घ	01			
February	पढ़ाए गए पाठों का पुनरभ्यास	15			पढ़ाए गए पाठों का पुनरभ्यास। दृढ़ होगा।
March A	Annual exam				



**SYLLABUS BIFURCATION
SESSION 2024-2025**

CLASS –VII

SUBJECT: Mathematics

Month	Chapter Name	No. of Days Required	Sub-topics	Curriculum Mapping	Learning Outcomes
APRIL	Chapter 1- Integers	10	1.1 Properties of Addition and Subtraction of Integers 1.2 Multiplication of Integers 1.3 Properties of Multiplication of Integers 1.4 Division of Integers 1.5 Properties of Division of Integers	An activity using +ive and –ive counters will be done to make the concept of multiplication of integers more clear. Role play activity to understand addition and subtraction on number line.	1. Compare and Order Integers. 2. Add and Subtract integers using number line. 3. Solve problems involving any of the Operations-Addition, Subtraction, Multiplication and Division. 4. Multiply and Divide Integers.
	Chapter2-Fraction and Decimals	15	2.1 Multiplication of Fractions 2.2 Division of Fractions 2.3 Multiplication of Decimal Numbers	To compute, multiplication of a fraction by a fraction ($\frac{5}{1} \times \frac{4}{3}$) through an activity.	1. Multiply a fraction by a fraction & mixed fraction. 2. Reduce into the

			2.4 Division of Decimal Numbers		lowest form (proper or mixed fraction) 3. Compare the product of two fractions. 4. Comprehend the word problem. 5. Solve word problems based on multiplication of Fractions
JUNE	Chapter 3 -Data Handling	9	3.1 Representative Values 3.2 Arithmetic Mean 3.3 Mode 3.4 Median 3.5 Use of Bar Graphs with a Different Purpose	Collecting information about the student residents of different areas Arranging the information i.e. Data in tabular form using tally marks to find the frequency and find the highest and lowest Observation Through kinesthetic Activity where the students will be arranged in groups. Now they have to calculate <ul style="list-style-type: none"> ● Mean height ● Mean weight ● Mean age of their group and to compare it with each individual of their group and with other groups of the class as well	Students will develop the ability to understand 1. The different methods of plotting the information on graphs. 2. The method of comparing the graphs. SKILLS and COMPETENCIES- Students would be able to 1. Develop the ability to analyze the different types of graphs. 2. Plot the information on graphs and develop critical thinking and Collaboration in the process.
JULY	Chapter 4 - Simple Equations	9	4.1 A Mind-reading Game 4.2 Setting up an Equation 4.3 Review of What we know	Students would be asked to frame various equations. The facilitator would take	Ability to understand the method of comparing

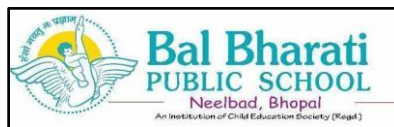
	Chapter 5 Lines and Angles	12	<p>4.4 What Equation is? 4.5 More Equations 4.6 Applications of Simple Equations to Practical Situations</p> <p>5.1 Introduction to Lines and Angles 5.2 Related Angles 5.3 Pairs of Lines 5.4 Checking for Parallel Lines</p>	<p>rounds and ensure that each learner is engaged</p> <p>To demonstrate that the exterior angle of a triangle is equal to the sum of the interior Opposite angles.</p>	<p>the graphs.</p> <p>Develop the ability to analyze the different types of graphs Plot the information on graphs and develop critical thinking and collaboration in the process</p> <p>Solve problems related to adjacent angles and linear pair. Apply angle sum property of a triangle to solve various problems. Critically think and use the concept of various angles formed when a transversal intersects 2 Parallel lines and their properties. Solve and analyze geometrical problems Solve complex questions based on the topics</p>
AUGU ST	Chapter 6 – The Triangle and its Properties Pythagoras	14	<p>6.1 Introduction to Triangles 6.2 Medians of a Triangle 6.3 Altitudes of a Triangle 6.4 Exterior Angle of a</p>	To examine that the sum of the interior angles of a triangle is 180°	1. Apply angle sum property of a triangle to solve various Problems.

	Theorem		<p>Triangle and its Property</p> <p>6.5 Angle Sum Property of a Triangle</p> <p>6.6 Two Special Triangles: Equilateral and Isosceles</p> <p>6.7 Sum of the Lengths of Two Sides of a Triangle</p> <p>6.8 Right-angled triangles and Pythagoras Property</p>		<p>2. Critically think and use the concept of various angles formed when a transversal intersects 2 parallel lines and their properties.</p> <p>3. Solve complex questions based on the topics</p>
SEPTEMBER	Ch-7 Comparing Quantities	10	<p>7.1 Percentage – Another way of Comparing Quantities</p> <p>7.2 Use of Percentage</p> <p>7.3 Prices Related to an Item or Buying and Selling</p> <p>7.4 Charge Given on Borrowed Money or Simple Interest</p>	Role play on the concept of profit and loss.	<p>Convert Fraction into percentage & Vice versa.</p> <ul style="list-style-type: none"> • Convert Decimal into Percentage & Vice versa. • Estimate the part of an area related with the percentage. • Compute percentage for given fraction, decimal and whole number and vice versa. • <u>Find the profit, loss, C.P & S.P</u> • <u>Find the profit and loss percent.</u>
OCTOBER	Ch-8 Rational Numbers	7	<p>8.1 Introduction</p> <p>8.2 Need for Rational Numbers</p>	Represent some rational numbers on number line.	The learner will be able to recognize, describe and

	Ch-9 Perimeter and Area	12	<p>8.3 What are Rational Numbers?</p> <p>8.4 Positive and Negative Rational Numbers</p> <p>8.5 Rational Numbers on a Number Line</p> <p>8.6 Rational Numbers in Standard Form</p> <p>8.7 Comparison of Rational Numbers</p> <p>8.8 Rational Numbers Between Two Rational Numbers</p> <p>8.9 Operations on Rational Numbers</p> <p>9.1 Area of a Parallelogram</p> <p>9.2 Area of a Triangle</p> <p>9.3 Circles</p>	<p>compare national health statistics with an awareness of how learners' own regions are affected;</p> <p><input type="checkbox"/> calculate and compare the ratios of elements in a chemical compound;</p> <p><input type="checkbox"/> interpret climatic conditions</p> <p>Students will take perimeter of things around us and different areas of school premises</p>	<p>represent numbers and their relationships, and to count, estimate, calculate and check with competence and Confidence in solving problems.</p> <p>Differentiate between perimeter and area.</p> <ul style="list-style-type: none"> • Find the perimeter and area of different figures • Comprehend the real life problems based on area and perimeter of different figures
NOVE MBER	Ch-10 Algebraic Expressions	14	<p>10.1 Introduction</p> <p>10.2 How are Expressions Formed?</p> <p>10.3 Terms of an Expression</p> <p>10.4 Like and Unlike Terms</p>	<p>Draw chapter web of Algebraic expression on A4 size pastel sheet in group of 4 students</p>	<p>Recall and define the variable , constant of algebraic expression. Frame algebraic expression and identify</p>

			10.5 Monomials, Binomials, Trinomials and Polynomials 10.6 Finding the Value of an Expression		its factors. Identify and classify the terms (monomials , binomials , trinomials, polynomials). • Add like terms.
DECE MBER	Ch-11 Exponents and power	10	11.1 Introduction 11.2 Exponents 11.3 Laws of Exponents 11.4 Miscellaneous Examples Using the Laws of Exponents 11.5 Decimal Number System 11.6 Expressing Large Numbers in the Standard Form	Relate exponential notation with respect to numeric and algebraic term	Use exponents to express small numbers in standard form Compare very small and very large numbers Apply the laws of exponents for evaluating positive and negative components. Develop the ability to analyze and differentiate between various laws of exponents. Perform numerical skills like simplifications using laws and develop critical thinking and collaboration in the process.
JANU	Ch-12 Symmetry	8	12.1 Introduction	Alphabets from A to Z.	will be able find the

ARY	Ch-13 Visualising Solid Shapes	6	<p>12.2 Lines of Symmetry for Regular polygons 12.3 Rotational Symmetry 12.4 Line Symmetry and Rotational Symmetry</p> <p>13.1 Introduction: Plane Figures and Solid Shapes 13.2 Faces, Edges and Vertices 13.3 Nets for Building 3-D Shapes 13.4 Drawing Solids on a Flat Surface 13.5 Viewing Different Sections of a Solid</p>	<p>Classify them on the basis of: Vertical, Horizontal and No line of symmetry</p> <p>Hands on activity on the concept of symmetry line.</p> <p>Viewing different sections of a solid through-Cutting /silicing, shadow play and looking at it from different angles.</p>	<p>number of line of symmetry in a figure will be able to find symmetrical figures in daily life Find the number of lines of symmetry in different given figures figure with two and multiple line of symmetry find the line of symmetry</p> <p>Students will be able to explore what are nets of solid shapes? <input type="checkbox"/> Students will be able to understand what is the difference between Oblique & isometric sketches? <input type="checkbox"/> How to visualize solid objects and also their hidden parts through different methods?</p>
FEBRUARY			Revision		



**SYLLABUS BIFURCATION
SESSION 2024-2025**

CLASS –VII

SUBJECT:

Month	Chapter Name	No. of Days Required	Sub-topics	Curriculum Mapping	Learning Outcomes
APRIL	Ch-1 Nutrition in plants	12	1.1 Mode of Nutrition in plants 1.2 photosynthesis - food making process in plants 1.3 Other Mode of Nutrition in plants 1.4 Saprotrophs 1.5 How Nutrients are replenished in the soil	Test the presence of starch chlorophyll painting	To help them understand the modes and types of nutrition. To enable students understand the process of photosynthesis, its utility
JUNE	Ch- 2 Nutrition in Animals	10	2.1 Different ways of taking food 2.2 Digestion in Humans 2.3 Digestion in grass eating animals 2.4 Feeding and Digestion in Amoeba	Test the presence of starch in saliva Chart of amoeba and Human Digestive system Glucose and starch test in chapati	To make them understand the process of digestion of food in animals

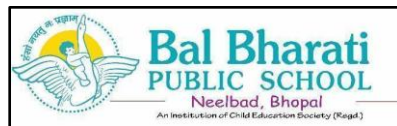
JULY	Ch- 3 Heat	8	<p>3.1 Hot and Cold</p> <p>3.2 Measuring temperature</p> <p>3.3 Laboratory thermometer</p> <p>3.4 Transfer of Heat</p> <p>3.5 Kinds of clothes we wear in Summer and Winter</p>	<p>Measuring temperature using thermometer</p> <p>Passing the ball (modes of heat transfer)</p>	<p>Know and understand about transfer of heat energy, types of thermometer, and modes of transfer of heat, properties of dark and light colour on the absorption of heat</p>
	Ch-4 Acids,bases and Salts	8	<p>4.1 Acids and bases</p> <p>4.2 Natural Indicators around us</p> <p>4.3 Neutralization</p> <p>4.4 Neutralization in Everyday life</p>	<p>Lab activity- using litmus paper indicator to test acids or base.</p> <p>Making greeting card using turmeric paper and washing solution.</p> <p>Red cabbage juice and turmeric use to identify acid and base.</p>	<p>Identify acids and bases present in natural sources and properties which demonstrate their presence. Application of neutralisation in everyday life</p>
AUGUST	Ch-5 Physical and Chemical changes	6	<p>5.1 Physical changes</p>	<p>Identify the changes around you and classify them into</p>	<p>Identify the changes around us and will be able to classify them on</p>

			<p>5.2 Chemical changes</p> <p>5.3 Rusting of Iron</p> <p>5.4 Crystallization</p>	<p>physical and chemical changes</p> <p>Change in colour of the copper sulphate solution due to reaction with iron</p> <p>Making sugar candy –using the concept of crystallisation</p>	<p>the basis of its sign.</p>
SEPT EMBE R	Ch-6 Respiration in organisms	7	<p>6.1 Why do we Respire?</p> <p>6.2 Breathing</p> <p>6.3 How do we Breathe?</p> <p>6.4 What do we Breathe out?</p> <p>6.5 Breathing in other animals</p> <p>6.6 Breathing under water</p> <p>6.7 Do plants also respire</p>	<p>Calculate the respiration rate.</p> <p>Model to show mechanism of breathing.</p> <p>Making idli dough using yeast powder – fermentation/ anaerobic</p>	<p>Understand the mechanism and process of breathing, compare respiration and breathing, different modes of respiration</p>
	Ch – 12 Forest: Our Lifeline	6	<p>12.1 Forest and its importance.</p> <p>12.2 Interrelationship of plant, soil and decomposer</p>	<p>Visit to nearby forest area.</p> <p>Collect the samples of</p>	<p>Listing the importance of forest in our daily lives, importance of food chain, understand</p>

				material obtained from forest. Draw food chain and food web.	the impact of deforestation.
OCOB ER	Ch- 7 Transportation in Animals and plants	12	7.1 Circulatory system 7.2 Excretion in Animals 7.3 Transport of substances in plants	Using color water to show upward movement of water in the stem. Calculate the pulse rate	Understand the different ways of transportation in different animals, differentiate between arteries and veins.
	Ch -13 Wastewater story	10	13.1 Water our lifeline 13.2 sewage 13.3 Waste water treatment plant 13.4 Better housekeeping practices	Flow chart of steps of waste water treatment plant Prepare the model for waste water treatment plant	Identify the point and the ways for waste water generation, working of waste water treatment plant. Housekeeping practices in conservation of water.
NOVE MBER	Ch - 8 Reproduction in plants	12	8.1 Modes of reproduction 8.2 Sexual Reproduction 8.3 Fruits and seed formation	Draw fission, fragmentation, spore formation, structure of flower. To show slide of yeast budding, fungus spore	Understand the differences between sexual and sexual reproductions, methods of seed dispersal

			8.4 Seed Dispersal	formation Visit to school garden to see structure of flower	
DECEMBER	Ch - 9 Motion and time	10	9.1 Slow or fast 9.2 Speed 9.3 Measurement of time 9.4 Measuring speed 9.5 Distance time graph	Flow chart of types of motion, distance -time graph Measurement through different means and comparison Role play describing the types of motion,	Compare uniform, non-uniform and solve numerical based on speed and time, identify the types of different types of motion.
JANUARY	Ch-10 Electric current and its effects	10	10.1 Symbols of electric components 10.2 Heating effect of electric current 10.3 Magnetic effect of electric current 10.4 Electromagnet 10.5 Electric bell\	Draw open and closed circuit, symbols of electric circuit, electric bell. Making of electromagnet	To know and understand heating and magnetic effects of electric current, draw symbols of electric circuit.
	Ch- 11 Light	12	11.1 Light travels along a straight line	Draw concave and convex mirror	To understand the laws of reflection, usage of

			<p>11.2 Reflection of light</p> <p>11.3 Right or left</p> <p>11.4 Playing with spherical mirrors</p> <p>11.5 Image formed by lenses</p> <p>11.6 Sunlight - White or coloured</p>	<p>Casting images using concave and convex lenses and mirror</p> <p>View of concave and convex mirror and lens, plane mirror, lateral inversion</p> <p>Burning of paper using magnifying glasses</p>	<p>concave and convex mirror and lenses in daily life</p>



**SYLLABUS BIFURCATION
SESSION 2024-2025**

CLASS – VII

SUBJECT: SOCIAL SCIENCE

Month & No. Of Days	No of periods required	Subject:	Chapter's Name	Sub topics:	Curriculum mapping	Learning Outcome: Students will Learn about:
April(22)	22	HISTORY	L1: Tracing Changes Through A Thousand Years.	New & old terminologies,historians & their sources,new social & political groups,region & empire,old & new religion,thinking about time & historical periods.	Map of India & world to show Archaeological sites	Students will learn about: New and Old Terminologies Historians and their sources New social and Political Groups Region and Empire Old and New Religions Thinking About Time , Historical Periods
		GEOGRAPHY	L1: Environment	Natural environmentecosystem,hum an environment	Draw a well labelled diagram of eco system & bio diversity.	Components of environment, Natural environment. What is Ecosystem? What is Human environment?

June(09)	9	CIVICS *PT 1 Starts in 1st week of July	L1: On Equality	Equality in Indian Democracy,issues of equality in other democracies,civil rights movement,challenges of democracy,universal adult franchise	Prepare a chart on gender equality,gender discrimination,& gender issues	Equality in Indian Democracy, Equal Right to Vote Others, Issues of Equality in other Democracies, Recognizing Dignity & Equality in Indian Democracy Challenge of Democracy
July(24)	24	HISTORY	L 2: NewKings and Kingdoms	The emergence of new dynasties,adminins tration in the kingdoms,prashastis 7 land grants,wartfare for wealth,& the CHOLAS-a closer look	Speak on the topic The Chola Dynasty.(students will be selected from each house to speak,& best will be rewarded)	The Emergence of new Dynasties Administration in the Kingdoms Prashastis and Land Grants. Warfare for Wealth A Closer Look: The Cholas: Temples, Bronze Sculpture ,Agriculture & Irrigation, and Administration of the Empire.
		GEOGRAPHY	L2: Inside our Earth	Interior of the earth,rocks & minerals.	Draw a diagram showing the interior of earth.	Interior of the Earth,& Rocks and minerals.
		CIVICS	L2: Role of government in health	Health,healthcare in India,public & private health care services,healthcare & equality,the Kerala experience ./the Costa Rican approach	Prepare on a A4 size sheet about the negative consequences of using/taking Alcohol,Drugs,Tobacco.	What is Health? Healthcare in India Public and Private Healthcare Services Healthcare and Equality: Is adequate Healthcare available to all? What can be done? Kerala Experience Costa Rican Approach?

		HISTORY	L3: The Delhi Sultans	Understanding Delhi under Sultans,administration under Khaljis & Tughluqs-a closer look.	Paste pictures in cw copy,of kings of Delhi Sultanate,Khaljis & Tughlacs	Finding out about the Delhi Sultans from Garrison Town to Empire: The Expansion of the Delhi Sultanate, A Closer Look: Administration and consolidation under the Khaljis and Tughlacs The Sultanate in the Fifteenth and Sixteenth Centuries	
August(23)	23	GEOGRAPHY	L3: Our Changing Earth	Earth movements,volcano,earthquake,major landforms,work of rivers,sea waves,ice,wind.	Prepare a 3D Model of Volcano,& explain about it.	Evolution of land forms,volcano,earthquake,origin of earthquake,major landforms,work of river,sea waves,ice & wind.	
		CIVICS	L3: How the State Government Works	MLA,legislative assembly-a debate,working of the government.		Who is an MLA? A Debate in the Legislative Assembly Working of the Government	
		HISTORY	L4: The Mughal Empire	Mughals,military campaign,traditions of their succession,relation with other rulers,mansabdars & jagirdars,Zabt & Zamindars,mughal empire in the 17th century.	Prepare a project on the Mughal Empire,showing its Hierarchy, name,period of Rule in India,its Contribution & Construction of Monuments in India.	Who were the Mughals?? Mughal military campaigns ,Mughal tradition of Succession, Mughal Relations with other Rulers. A Closer Look: Akbar's Policies The Mughal Empire in the Seventeenth Century and After	
		*HALF YEARLY EXAMS(23rd Aug-9th Sept)					

September(23)	23	<div style="border: 1px solid black; padding: 5px; display: inline-block; text-align: center;"> *TERM 2 BEGINS </div> GEOGRAPHY	L4: Air	Composition of the atmosphere,structure of atmosphere,weather & climate,air pressure,wind,moisture & precipitation.	Draw diagrams on: 1)Types of Rainfall 2)major Pressure belts & Wind system 3)layers of Atmosphere	Structure of the Atmosphere, Weather and Climate, Temperature, Air Pressure,Major pressure belts, Wind & Moisture.
		CIVICS	L4: Growing up as Boys and Girls	Growing up in samoan island in the 1920s,growing up male in MP in the 1960s,valuing housework,lives of domestic workers,women's work equality.	-----	Growing up in Samoa Islands in 1920's, Growing up Male in Madhya Pradesh(1960's), Valuing House works, Life of Domestic workers & Inequality of women.

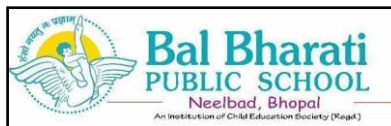
		HISTORY	L5: Tribes, Nomads and Settled Communities	Beyond big cities-tribal societies,who were tribal people,how nomads & mobile lived,changing societies:new castes & hierarchies,a closer look:the gonds,the ahoms,conclusion.	Students will speak on: Tribal Society,Nomads,The Gonds & Ahoms.Groups will be divided & asked to prepare & come.Can use charts to display.	Beyond Big Cities: Tribal societies. Who were the Tribal People? How Nomads and Mobile People Lived Changing Society: New Castes andHierarchies A Closer Look: The Gonds and The Ahoms.& Conclusion
October(20)	20	GEOGRAPHY	L5: Water	Distribution of water bodies,ocean circulation,waves,tides,ocean currents	Make Diagrams on: 1)Spring Tides & Neap Tides, 2)water cycle. Explain on Water Cycle Model,in groups.	Distribution of Water Bodies, Ocean Circulation, Waves, Tides Ocean Currents

		CIVICS	L5: Women change the world	Fewer opportunities & rigid expectations, learning for change, schooling & education today, Rokeya Sakhawat Hossain & her dreams about 'ladyland', women's movement, campaigning, raising awareness, protesting, showing solidarity.	Tell the students to prepare & come on the topic "how can women change the world", speak on your views.	Fewer opportunities and rigid expectations, Learning for change, & Women's Movements
		HISTORY	L6: Devotional paths to the Divine	The idea of a supreme God, new kind of bhakti in south india: Nayanars & Alvars, Philosophy & bhakti, Basavanna's Virashaivism, Bhakti Movement in the Deccan, Nathpanthis, Siddhas & Yogis, Islam & Sufism, new religious developments in north India, a closer look:- Kabir, Guru Nanak.	Summer Vacation Project given on this Topic-to prepare a project report	The idea of Supreme God, New kind of Bhakti in South India: Nayanars & Alvars, Philosophy & Bhakti, Basavanna's Virashaivism, Bhakti movement in Deccan, Nathpanthis, Siddhas & Yogis, Islam & Sufism, New Religious developments in North India, Kabir, & Guru Nanak-a closer look.
November(22)	22	GEOGRAPHY	L6: Human Environment Interactions - The Tropical and The Sub-Tropical Region	Life in the amazon & ganga-Brahmaputra basin, climate, vegetation, people there.	Collect pictures to show the life style, forest, climate, vegetation, of Amazon & Ganga-Brahmaputra basin, & paste in copy.	Life in the Amazon Basin- Climate, Rainforests, People of the Rainforests. Life in the Ganga-Brahmaputra Basin

		CIVICS	L6: Understanding Media	Media & technology,media & money,media & democracy,setting agendas,local media.	Divide the students in groups & give one topic each to speak on Media & Technology,Democracy ,etc	Media andTechnology Media and Money Media and Democracy Setting Agendas
		HISTORY	L7: The making of Regional Cultures	The Cheras & the development of Malayalam,Rulers & religious traditions:the Jagannatha cult,the rajputs & traditions of heroism,the story of kathak,miniature paintings,a closer look-Bengal,pirs & temples,fish as food.	Divide the students in groups & give each group topic from the chapter,for role play,act/speak	The Cheras & the development of Malayalam,Rulers & Religious traditions-The Jagannatha Cult,The Rajputs & Traditions of Heroism,The story of Kathak,The Tradition of Miniatures,Close Story:Bengal-growth of regional languagePirs & Temples,Fish as food.
December(21)	21	GEOGRAPHY	L7: Life in the Desert	The hot desert -Sahara,& the cold desert ladakh,flora & fauna,people & climate there.	Paste related pictures of Hot & cold desert,showing flora,fauna,& life style of people,in CW copy	

		CIVICS *PT 2 starts	L7: Markets Around Us	Weekly markets,shops in the neighbourhood,shopping complexes & malls,chain of markets,markets everywhere,markets & equality.	Students will explain on the related topics from the chapter,either in groups,or solo	Weekly Market, Shops in the neighborhood, Shopping Complexes and Malls, Chain of Markets, MarketsEverywhere Markets and Equality
January(15)	15	HISTORY	L8: Eighteenth Century:Political Formations	The crisis of the empire & the later Mughals,the Rajputs,the sikhs,the marathas,the jats.	Debate on the topics related to the chapter,& express their views	The Crisis of Empire and the Later Mughals. Emergence of NewStates The Old Mughal Provinces ,crises,& the later Mughals:Hyderabad, Awadh, Bengal, The Watan jagirs of the Rajputs, Seizing Independence: The Sikhs, The Marathas and The Jats.
February(20)	20	CIVICS	L8: A shirt in the Market	A cotton farmer in kurnool,the cloth market of erode,who are the gainers in the markets?,a shirt in the US,markets & equality.	Students will explain on the related topics from the chapter,either in groups,or solo	Cotton farmer in Kurnool Cloth Market of Erode, Putting-out-System-Weavers Producing cloth At Home , GarmentExporting Factory near Delhi, The Shirt in the United States who are the Gainers in the Market? Market and Equality.
		REVISION OF HISTORY,CIVICS,GEOGRAPHY	End of the syllabus & revision		Debate on the topics related to the chapter,& express their views	Revision

		FINAL EXAM STARTS,& END OF THE SESSION	END OF THE SESSION			*****
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**SYLLABUS BIFURCATION
SESSION 2024-2025**

CLASS – VII

SUBJECT: INFORMATION TECHNOLOGY

Month	Chapter Name	No. of Days Required	Sub-topics	Curriculum Mapping	Learning Outcomes
APRIL	Ch-1 Number System	6	<ul style="list-style-type: none"> • Number System • Non-positional number system • Positional number system • Decimal number system • Binary number system • Octal number system • Hexadecimal number system • Conversion of number system • Bits, Byte and Nibble 	<p>1- Group Discussion: The World of Computers is based on the Multiples of 1 and 0s'</p> <p>2- Convert the given numbers from one system to another.</p>	<p>1.Understand Number systems and identify its types.</p> <p>2.Understand conversion of one number system into another.</p> <p>3.Understand bits and bytes.</p>
	Ch-2 Computer Virus	6	<ul style="list-style-type: none"> • Types of Viruses • Examples of Viruses • Sources of Viruses • Malware • Symptoms of malware or virus attack • Effects of malware or virus attack • Email virus • Ransomware virus • Antivirus program • Working of antivirus • Precautions against computer virus 	<p>1- Group Discussion: Divide the students into groups and discuss different types of virus and their effects.</p> <p>2- Create a PPT describing different types of viruses.</p>	<p>1.Understand Computer virus and its types.</p> <p>2.Identify different types of viruses.</p> <p>3.Learn about antivirus program and its features.</p> <p>Learn to take precautions against computer virus.</p>

MAY	Ch-3 Animate-Layers and Animation	6	<ul style="list-style-type: none"> • Importing graphics in Animate • Layers • Working with layers in timeline • Stacking layers • Adding guide layers • Symbols and instances • Organizing symbols with folders • Animation in Animate • Frame by frame animation • Using Tween 	Draw a paper plane in Animate and make it fly in different directions	After Completing the chapter, The students will be able to: <ol style="list-style-type: none"> 1. Import graphics in Adobe Animate 2. Perform different functions on layers. 3. Create symbols and instances 4. Add animation and tweening effects.
JUNE	Ch-4 Photoshop-Introduction	6	<ul style="list-style-type: none"> • Features of Photoshop • Starting Photoshop and creating new document • The Photoshop window • Using Photoshop tools • Color modes • Foreground and background colors • Brightness and contrast • Adjusting levels • Burn effect • Filters in Photoshop 	Open an image, change its size, apply exposure correction, and filter	After Completing the chapter, The students will be able to: <ol style="list-style-type: none"> 1. Understand the features of Photoshop 2. Understand the components of Photoshop window 3. Learn how to use various tools of Photoshop 4. Identify various color modes and filters
JULY	Ch-5 Photoshop-Working with layers	12	<ul style="list-style-type: none"> • Layers in Photoshop • Project create collage • Creating and adding layers • Working with layers • Change the opacity of a layer • Merge layers • Transforming a layer • Scale layer • Blending modes • Finalizing the project • Saving a Photoshop image 	Open an image in Photoshop and apply different layer operations on it.	After Completing the chapter, The students will be able to: <ol style="list-style-type: none"> 1. Learn to create layers and add images to it 2. Understand how to work with layers 3. Learn various blending modes 4. Save the Photoshop image
AUGUST	Ch-6 Internet-Ethics and Safeguards	8	<ul style="list-style-type: none"> • Internet • Protecting yourself from potential threats on web • Spyware • Pop-up ad • Spam 	With the help of Internet search information on the given topic and make a presentation of minimum five slides https://www.youtube.com/watch?v=TDEUJ4fPY6Q	After Completing the chapter, The students will be able to: <ol style="list-style-type: none"> 1. Understand how to protect yourself pm the web 2. Learn about the role of parents and teachers in protecting children from digital world

			<ul style="list-style-type: none"> • Phishing • Virus • Keyloggers • Manage passwords • Cookies • Vulnerabilities • Cyberbullying • Hacking • Social engineering • Digital footprints • Precautions • Role of parents and teachers 		<p>3. Understand that protecting themselves is important when they send personal information over the internet</p> <p>4. Cyberbullying includes sending or forwarding threatening messages</p> <p>5. social engineering is a term used for gaining unauthorized access or obtaining confidential information.</p>
SEPTEMBER	Ch-7 HTML 5- Creating Web Pages Using CSS	12	<ul style="list-style-type: none"> • History of HTML • HTML5 • Features of HTML • Understanding HTML elements • Semantic tags • HTML Attribute • Entities • Avoiding syntactical errors in HTML • Text editors • Web browsers for HTML5 • Creating and saving HTML documents • Basic HTML tags • Displaying web page in web browser • Modifying paragraph text • Adding horizontal rule • Heading tag • Cascading style sheets (CSS) • Formatting text • Changing background color of the page using style • Changing margin using style tag and div tag 	<p>Create different web pages following the instructions given</p> <p>https://www.youtube.com/watch?v=-G7bJVAIiEI</p>	<p>After Completing the chapter, The students will be able to:</p> <ol style="list-style-type: none"> 1. Understand the elements of HTML5 such as tags, attributes, etc. 2. Learn basic building-blocks of HTML5 tags for creating web pages 3. Understand the role of CSS and its types 4. Learn about tags for formatting the text
OCTOBER	Ch-8 HTML 5 – images, links and table	12	<ul style="list-style-type: none"> • images in web pages • storing images and web pages • creating lists 	<p>Write the HTML code to create the web page insert a picture of your school and displaying your time table using table tag.</p>	<p>After Completing the chapter, The students will be able to:</p> <ol style="list-style-type: none"> 1. Learn about the tags used for inserting images

			<ul style="list-style-type: none"> • links in web page • internal and external links • creating a link to an image • tables in web page • creating a table • formatting table • adjusting cell size using style • spanning cells across columns and rows • adjusting cell padding and border spacing using style 	https://www.youtube.com/watch?v=vYZqMgt33zQ&list=PLx1O6OwF33HSTIXZO7azz0ZlrmouM1VQ	<ol style="list-style-type: none"> 2. Create numbered and bulleted list. 3. Learn about the tags used for linking the web pages 4. Understand how to insert table in a web page
NOVEMBER	Ch-9 Python- Conditional control structures and turtle	12	<ul style="list-style-type: none"> • computer program • Operators • Operator precedence • Statements • Expression statements • Control structures • Indentation in python • Conditional control structures • If statement • If-else statement • If –elif-else statement • Nested if statement • Python turtle • Importing turtle library • Programming with turtle • Drawing lines with two directions • Drawing predefined shapes 	<ul style="list-style-type: none"> • Program to check whether the given letter is a vowel or a constant • Program to draw tangent circles using turtle module https://www.youtube.com/watch?v=khi-3MJEXG0	<p>After Completing the chapter, The students will be able to:</p> <ol style="list-style-type: none"> 1. identify different operators and operators precedence 2. understand different types of statements 3. understand different types of conditional control structures 4. learn ho to program in python using turtle
DECEMBER	Ch-10 AI for sustainable development goals	12	<ul style="list-style-type: none"> • Sustainable development • Three pillars of sustainable development • Sustainable Development Goals (SDGs) • Role of Artificial Intelligence in achieving SDGs 	<p>Group discussion: Divide the students into two groups and discuss-“problem of biased data is the biggest obstacle in achieving perfect AI system”.</p> <p>Game: Sustainable Development</p>	<p>After Completing the chapter, The students will be able to:</p> <ol style="list-style-type: none"> 1. Understand sustainable development and its pillars 2. Understand 17 SDGs and role of AI in achieving these goals 3. Learn about ethical concerns of

			<ul style="list-style-type: none"> • Ethical concerns of AI related to data • Possible bias in data collection • Problem of inclusion in AI systems • AI for ocean (Achieving SDG 14 using AI) • 	Goals https://www.youtube.com/watch?v=Xy8iv5EBX7E	AI related to data
JANUARY	Revision and Final Practical Exam				
FEBRUARY	Final exam and result declaration				
MARCH					