



Bal Bharati
PUBLIC SCHOOL

Solan

ANNUAL PEDAGOGY PLAN

(2024-25)

Class: VI



<https://bbpssolan.balbharati.org>

SUBJECT: ENGLISH

BOOKS Enrichment Reader - New Images Next Pearson Class Book - New Images Next - Pearson Cornerstone - Pearson					
Month	No. of working days	Course content	Learning outcomes	Skill	Teaching methods
March	22	Class Book: Ruby Bridges Young Poets Enrichment Reader: The fall of Icarus Grammar: Kinds of Sentence Noun, Pronoun Writing Skill: Paragraph, Notice	Students will be able to understand the passage and grasp its meaning. To recite the poem with correct pronunciation. Refers to dictionary to check meaning and spelling. Reading to understand the text. Write grammatically correct sentences for a variety of situation. Write short paragraphs verbal and visual clues.	Recall Evaluate Analyze Think Critically Identification and Application	Character sketch, brainstorming Extempore, Self-assessment Locate sequence of ideas, events and identify main idea of a story/poem through various types of comprehension questions. Take dictation of words, phrases, simple sentences and short paragraphs

<p>April</p>	<p>22</p>	<p>Class Book: The Unstoppable Queen Of Boxing: Merry Kom If You Think</p> <p>Enrichment Reader: I Keep six Honest Serving Men</p> <p>Grammar: Adjectives, Verbs</p> <p>Writing Skill: Poster making, Picture composition</p>	<p>To enable the students to communicate effectively and appropriately in real life situation.</p> <p>To enable the students to recite the poem with correct pronunciation.</p> <p>Reads variety of texts in English, identify main ideas, characters, sequence of ideas and relates with his/her personal life.</p> <p>Look at cartoons and pictures without words and talk or write about it.</p>	<p>Critical Thinking Speaking Listening Writing</p>	<p>Discussion and Explanation Interaction Classroom activities. Extempore Brainstorming Worksheets</p>
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May	18	<p>Class Book: Mr. Toad's Adventure</p> <p>Enrichment Reader: The Story of Henry Jekyll Adrift! A Little Boat Adrift!</p> <p>Grammar: Articles and Tenses</p> <p>Writing Skill: Message and Informal Letter</p>	<p>To enable the students to Comprehend and infer the text.</p> <p>Read the text for enjoyment and identify the plot and idea behind the text.</p> <p>Consolidate and comprehend the back exercise.</p> <p>Understand the tenses and frame sentences using different tense rule.</p> <p>Write messages, invitations and short paragraphs Correct format and appropriate content.</p>	<p>Evaluate Extrapolate Analyze Problem solving writing</p>	<p>Group Discussion Speaking for a minute Language Ladder Multiple Assessment Message writing</p>
June	18	<p>Class Book: In Morning Dew The Fun They Had</p> <p>Enrichment Reader: Scrooge Celebrates Christmas</p> <p>Grammar: Verbs, Adverbs</p>	<p>To enable the students to recite the poem with correct pronunciation.</p> <p>To enable the students to enrich the active and passive vocabulary of students.</p> <p>Locate sequence of ideas, events and identify main idea of a story/poem through various types</p>	<p>Understanding Applying Evaluating</p>	<p>sequence of ideas and events and relates with his/her personal experiences.</p> <p>Uses synonyms, antonyms from texts. Role Play Dialogue/ Conversation Extempore</p>

		<p>Writing Skill: Dialogue Writing Formal Letter</p>	<p>of comprehension questions.</p> <p>Poetry appreciation and writing answers for comprehension and inferential questions. Understanding the message of the poem. Identifying similes and metaphors</p>		
July	18	<p>Class Book: From a Railway Carriage Shivaji's Miraculous Escape</p> <p>Enrichment Reader: You Are Old Father William The Hair Cut</p> <p>Grammar: Active and Passive Voice</p> <p>Writing Skill: Writing Diary Entry</p>	<p>To enable the students to enrich the active and passive vocabulary of students.</p> <p>Students will be able to express their opinion in grammatically correct language.</p>	<p>Remembering Understanding Inference Evaluating</p>	<p>Diary entries Listening comprehension Pair/Group work Worksheets Newspaper article Peer assessment Dialogue/ Conversation Extempore</p>

<p>August</p>	<p>24</p>	<p>Class Book: The Lost Child</p> <p>Enrichment Reader: Eid Gah Daffodils</p> <p>Grammar: Editing Conjunction</p> <p>Writing Skill: Letter Writing (Application) Poster (Revision)</p>	<p>To develop and integrate the use of four language skills. Students will be able to construct knowledge of themes, subjects and concepts and be aware of the inter-disciplinary connections.</p>	<p>Understanding Applying Analyzing Creating Evaluating</p>	<p>Explanation and Discussion Brainstorm One minute speech Diary entry Conversation Use dictionary as a reference book for finding multiple meanings of a word in a variety of contexts.</p>
<p>September</p>	<p>18</p>	<p>Class Book: Wandering Singers At Tagore's Shantiniketan</p> <p>Enrichment Reader: The Chocolate Cream Soldier</p> <p>Grammar: Preposition, Conjunction</p> <p>Writing Skill:Picture description</p>	<p>To enable the students to recite the poem with correct pronunciation.</p> <p>To enable the students to Comprehend and infer the text</p> <p>Students will be able to appreciate poetry as a literary genre.</p> <p>Students would be able to – Comprehend, Correlate Critically evaluate the text</p>	<p>Remembering Creating Inference Applying Problem solving</p>	<p>Think critically and try to provide suggestion/solutions to the problems raised. Read/ discuss the ideas of the text for critical thinking. Use dictionary as a reference book for finding multiple meanings of a word in a variety of contexts. Create a Questionnaire Creative writing Written assignment</p>

<p>October</p>	<p>20</p>	<p>Class Book: The Heart of the Tree The Fir Tree The Ransom of Red Chief</p> <p>Grammar: Editing Conjunction</p> <p>Writing Skill: Notice writing</p>	<p>Uses meaningful sentences to describe / narrate factual / imaginary situations in speech and writing.</p> <p>Learn how to state reasons Write a biographical sketch Understand imagery and infer from the text Express opinions Understand and analyze the correct usage of modals</p> <p>Different types of modals</p> <p>Transforming sentences Correct usage of parts of speech Responds to announcements and instructions made in class, school assembly, railway station and in other public places. Correct format Usage of correct form of tenses.</p>	<p>Remembering Understanding Applying Evaluating Creating Critical thinking</p>	<p>Participate in individual talk viz. introducing oneself and other persons; participate in role play / make a speech, reproduce speeches of great speakers.</p>
<p>November</p>	<p>22</p>	<p>REVISION</p>			
<p>December</p>	<p>13</p>	<p>FINAL TERM</p>			

विषय - हिंदी

महीने	कार्य दिवसों की संख्या	विषयवस्तु	शिक्षण उद्देश्य	शिक्षण युक्तियाँ
मार्च	22	पाठ 1: वह चिड़िया जो (कविता) पाठ 2 : बचपन व्याकरण : भाषाव्याकरण और बोली ,	<ul style="list-style-type: none"> • पशुपक्षियों के प्रति - प्रेम की भावना विकसित होगी • छात्र पशुपक्षी की - सुरक्षा कर उनका संरक्षण कर सकेंगे • खानेपीने तथा - मनोरंजन के तरीकों में आए अन्तर के बारे में जानेगें 	<ul style="list-style-type: none"> • कविता वाचन प्रतियोगिता • प्रश्नोत्तरी प्रतियोगिता
अप्रैल	22	पाठ : नादान दोस्त 3 पाठ 4 : चाँद से थोड़ी सी गप्पें व्याकरण : वर्णपत्र लेखन ,संज्ञा ,विचार-	<ul style="list-style-type: none"> • सस्वर वाचन -चित्र , सक्रियता ,चित्रण रुचि में वृद्धि • छात्र लड़की की भावना को समझेगें 	<ul style="list-style-type: none"> • ईसामग्री का प्रयोग - करके परियोजना तैयार करना • हिंदी तिथियों के आधार पर चाँद के बदलते रूप को चित्र सहित परियोजना

			<ul style="list-style-type: none"> • चाँद के घटने और बढ़ने के कारण को जानेगें 	
मई	18	<p>पाठ 5 :साथी हाथ बढ़ाना (गीत)</p> <p>व्याकरण : अपठित गद्यांश अनुच्छेद लेखन ,</p>	<ul style="list-style-type: none"> • छात्र कविता द्वारा एकजुट होकर कार्य के महत्व को जानेगें • छात्रों में समाजिकता आत्मीयताव् , प्रसन्नता जैसे भाव उत्पन्न होगा 	<ul style="list-style-type: none"> • फ़िल्म के गीत चर्चा • अभिनय विधि
जून	18	<p>पाठ 6:ऐसे(एकांकी) ऐसे- अपठित गद्यांश</p> <p>व्याकरण: काल ,(भेद)वाक्यशुद्धिकरणअनेकार्थी , शब्द</p>	<ul style="list-style-type: none"> • छात्रों में समाजिकता आत्मीयताव् , प्रसन्नता जैसे भाव उत्पन्न होगा • बाल मनोवैज्ञानिक प्रतिक्रियाओं को समझेगें • मित्रता और सामाजिकता 	<ul style="list-style-type: none"> • अभिनय विधि

			<ul style="list-style-type: none"> • संवेदनशीलता जैसे मूल्यों का विकास करना • छात्र एकदूसरे से - ईर्ष्या के साथ नहीं रहना सीखेंगे 	
जुलाई	18	<p>पाठ :7 झाँसी की रानी (कविता) पाठ: 8 जो देखकर भी नहीं देखते</p> <p>व्याकरण: पत्र लेखन कारक ,</p>	<ul style="list-style-type: none"> • छात्र कविता वाचन के बाद विभिन्न वीरांगनाओं के बारे में जानेगेंऔर उनके जीवन से प्रेरणा लेंगें • प्रकृति प्रेम जीवन , दूरदर्शिता का ,शैली सम्पूर्ण विकास 	<ul style="list-style-type: none"> • पीपीटी प्रदर्शन • ईसामग्री का प्रयोग-
अगस्त	24	<p>पाठ: 9 संसार पुस्तक है पाठ1:0 में सबसे छोटी होऊं (कविता)</p> <p>व्याकरण: क्रिया , (कर्म के आधार पर)मुहावरे , विलोम शब्द</p>	<ul style="list-style-type: none"> • छात्रों में पत्र द्वारा वैज्ञानिक दृष्टि कोण को समझनासमय , के महत्व को समझेगें • सस्वर वाचनकविता , पाठ 	<ul style="list-style-type: none"> • इंदिरा गाँधी जी के बारे में चर्चा • कविता वाचन विधि

सितम्बर	18	पाठ1 :1 लोकगीत व्याकरण : वाक्यांशों के लिए एक शब्दविराम , पत्र लेखन ,चिन्ह	<ul style="list-style-type: none"> • लोक संस्कृति के बारे में जानकारी 	<ul style="list-style-type: none"> • गांवों के गीतों पर चर्चा
अक्टूबर	20	पाठ1 :2 नौकर व्याकरण : वर्तनी शुद्धिकरण ,अपठित गद्यांश , लोकोक्तियाँ	<ul style="list-style-type: none"> • गाँधी जी के बताए हुए मार्ग पर चलने के लिए प्रेरित करना ,अनुवाद कार्य मौखिक व लिखित अभिव्यक्ति 	<ul style="list-style-type: none"> • गाँधी जी के विभिन्न कार्यों के बारे में चर्चा • निगमन विधि
नवम्बर	22	पुनरावृत्ति		
दिसम्बर	13	वार्षिक परीक्षा		

SUBJECT: MATHEMATICS

Month	No. of Working Days	Content	Learning Outcomes	Skill	Teaching Methodology/Activities
Feb & March	32	<p>Chapter 1:</p> <p>Knowing our numbers</p> <p>Chapter 4:</p> <p>Geometrical Ideas</p>	<p>Put commas, read and write 6-digit, 7- digit numbers according to Indian and International system of numeration.</p> <p>Solves problems involving large numbers by applying appropriate operations (addition, subtraction, multiplication and division). Make comparison and able to form large numbers with and without conditions</p> <p>Describes geometrical ideas like line, line segment, open and closed figures, angle, triangle etc., with the help of examples in surroundings</p> <p>Concept of whole numbers and natural numbers Predecessor and successor of whole numbers Interpretation of whole numbers on number line</p> <p>Recognizes and appreciates (through</p>	<p>Critical thinking problem solving, communication, collaboration, comprehend</p> <p>Analyze, Recognize, identification, Reasoning effectively and critically, comprehend</p>	<p>Collaborative Learning, Guided Discussion, Problem solving, Peer teaching, Digital content, Quiz</p> <p>Activity:</p> <p>To find prime numbers from 1 to 100 by Eratosthenes Sieve's Method.</p> <p>Guided Discussion, Problem solving</p>

		<p>Chapter 2: Whole numbers</p> <p>Chapter 3: Playing with numbers</p>	<p>patterns) the broad classification of numbers as even, odd, prime, co-prime, etc. Finds factors and multiples of given number. Applies HCF or LCM in a particular situation. Apply the concept in their day to day life.</p>	<p>Critical thinking problem solving, communication, collaboration, comprehend</p> <p>Critical thinking and problem solving, communication, collaboration, comprehend</p>	<p>Guided Discussion, Problem solving, Peer teaching, Digital content, Quiz Activity: To verify that addition is commutative for whole numbers.</p> <p>Guided Discussion, Problem solving, Peer teaching, Digital content, Quiz</p>
April	22	<p>Chapter 6: Integers</p>	<p>Identify the difference between positive numbers and negative numbers. Plot integers on the number line. Solves problem involving addition subtraction of integers.</p>	<p>Critical thinking and problem solving, communication, collaboration, comprehend</p>	<p>Activity: To find LCM of given numbers. Activity: To add integers</p>

		Chapter 7: Fractions	Identify the difference between various types of fractions, compare them, represent on the number line.	Problem solving, Analyze, collaboration, comprehend	Problem solving, Peer teaching, Digital content, Quiz Activity: To understand the concept of equivalent fractions.
May/June	36	Chapter 8: Decimal Chapter 10: Mensuration	Uses fractions and decimals in different situations which involve money, length, temperature etc. For example, $7\frac{1}{2}$ Meters of cloth, distance between two places is 11.2 km etc. Solves problems on daily life situations involving addition and subtraction of fractions / decimals Finds out the perimeter and area of rectangular objects in the surroundings like floor of the class room, surfaces of a chalk box etc.	Conceptualization, Synthesizing, Critical thinking, Creativity Develop the ability to analyze and differentiate between various equations	Guided Discussion, Problem solving, Peer teaching, Digital content Activity: To add and subtract decimal numbers Inductive reasoning, deductive Guided Discussion, Problem solving, Peer teaching,

					Digital content, Quiz
July/Aug	40	Chapter 11: Algebra	Uses variable with different operations to generalize a given situation. For example, Perimeter of a rectangle with sides x units and $3x$ units is $(2x + 3x)$ units.	Perform numerical skills like forming equations from word problems and develop critical thinking and collaboration in the process	Guided Discussion, Problem solving, Peer teaching, Digital content, Quiz
		Chapter 9: Ratio and proportion	Compares quantities using ratios in different situations. For example, the ratio of girls to boys in a particular class is 3:2. Uses unitary method in solving various word problems. For example, if the cost of a dozen notebooks is given, she finds the cost of 7 notebooks by first finding the cost of 1 notebook.	Observational skills, Critical thinking, Collaborative learning	Guided Discussion, Peer teaching, Activity method
Sept.	18	Chapter 5: Understanding Elementary shapes	Classifies triangles into different groups/types on the basis of their angles and sides. For example- scalene, isosceles or equilateral on the basis of sides, etc. Classifies quadrilaterals into different groups/types on the basis of their	Observational skills, Critical thinking, Collaborative learning, problem solving	Guided Discussion, Problem solving, Peer teaching, Digital content, Quiz Activity: Paper folding activity related to angles

			<p>sides/angles.</p> <p>Describes various 3-D objects like sphere, cube, cylinder, cone from the surroundings with the help of examples from surroundings.</p> <p>Describes and provides examples of edges, vertices and faces of 3-D objects.</p>		
Oct.	20	Chapter 9: Data Handling	<p>Understand the term data and the need of collection of data, to develop the skill of recording, organizing and representing data graphically as pictographs and then interpret information from them.</p> <p>Arranges given/collected information such as expenditure on different items in a family in the last six months, in the form of table, pictograph and interpret them.</p>	Critical thinking and problem solving, Analyze, collaboration, comprehend	Guided Discussion, Problem solving, Peer teaching, Digital content, Quiz
Nov.	22	REVISION			
Dec.	13	FINAL EXAMINATION			

SUBJECT: SCIENCE

Month	No. of Working Days	Course Content	Learning Outcomes	Skills	Teaching Methodology
March	22	<p>Ch-1 Components of Food</p> <p>1. What do different food item contain?</p> <ul style="list-style-type: none"> • Test of Protein. • Test of Fat • Test of Starch <p>2. Balanced Diet</p> <p>3. Deficiency Diseases</p> <p>Lab Activity:</p> <p>To test various food materials for the presence of nutrients (starch, fat& Protein).</p>	<p>Students will be able to</p> <ul style="list-style-type: none"> – Applies learning of scientific concepts in day-to-day life, e.g., selecting food items for a balanced diet. – Relates processes and phenomenon with causes, e.g., deficiency diseases with diet etc. – Conduct simple investigations to seek answers to queries, e.g., what are the foods nutrients present in animal fodder? 	<ul style="list-style-type: none"> • Observation • Understanding • Analytical Thinking • Application 	<ul style="list-style-type: none"> • Lecture-cum demonstration. • Activity based • AV Aids
April	22	<p>Ch-2 Sorting Materials into Groups.</p> <p>1. Object Around Us</p> <p>2. Properties of Material</p>	<p>Students will be able to:</p> <ul style="list-style-type: none"> – Comprehend the concept of sorting material into groups based on the common characteristics. – Identifies materials on the basis of observable features i.e. appearance, texture, function, aroma, etc. – Differentiate materials on 	<ul style="list-style-type: none"> • Observation • Decision Making • Critical Thinking 	<ul style="list-style-type: none"> • Demonstration. • Activity based • AV Aids • Hands on Experiments • Collaborative Learning

			<p>the basis of their properties, structure and functions</p> <ul style="list-style-type: none"> – Classifies materials based on observable properties, e.g., materials as soluble, insoluble, transparent, translucent and opaque 		
May	18	<p>Ch-3 Separation of Substances</p> <p>1. Methods of Separation</p> <ul style="list-style-type: none"> • Threshing • Winnowing • Handpicking • Sedimentation • Decantation • Filtration • Evaporation and Condensation. 	<p>Students will be able to</p> <ul style="list-style-type: none"> – Understand the fundamental separation technique used to isolate different substances. – Develop the ability to identify mixture and recognize their components. – Draw labeled diagram of filtration. – Able to recognize the importance of separation method in obtaining pure substance for various applications. 	<ul style="list-style-type: none"> • Critical Thinking • Identification • Decision making 	<ul style="list-style-type: none"> • Demonstration. • Activity based • Brainstorming • Hands on Experiments • Collaborative Learning
		<p>Ch-4 Getting to know plants</p> <ul style="list-style-type: none"> • Herb, Shrubs and Trees. • Stem 	<p>Students will be able to.</p> <ul style="list-style-type: none"> – Differentiates tap and fibrous roots on the basis of their properties, structure and functions – Identifies flowers, on the basis of observable features i.e., appearance, 	<ul style="list-style-type: none"> • Critical Thinking • Analysis 	<ul style="list-style-type: none"> • Activity based • Brainstorming • Hands on Experiments • Collaborative Learning

			texture, function, aroma, etc.		
June	18	Ch-4 Getting to know plants Contd..... <ul style="list-style-type: none"> • Root & Flower Lab Activity : To show that stem conducts water and minerals	<ul style="list-style-type: none"> – Identifies flowers, on the basis of observable features i.e., appearance, texture, function, aroma, etc. 	<ul style="list-style-type: none"> • Identification 	<ul style="list-style-type: none"> • Peer teaching • Guided Discussion
		Ch-8 Light, Shadows and Reflections <ul style="list-style-type: none"> • Transparent, Opaque and Translucent objects. • Shadow • Pinhole Camera Lab Activity: To show that light travels in a straight line.	Students will be able to <ul style="list-style-type: none"> – Explains processes and phenomenon, e.g., formation of shadows; reflection of light from plane mirror. – Constructs models using materials from surroundings and explains their working, e.g., pinhole camera, periscope etc. 	<ul style="list-style-type: none"> • Explanation • Application • Creativity 	<ul style="list-style-type: none"> • Brainstorming • Hands on Experiments • Collaborative Learning • Demonstration • AV Aids •
		Ch-5 Body Movements <ol style="list-style-type: none"> 1. Human Body and Its Movement <ul style="list-style-type: none"> • Different types of joints. • Gait of animals. • How do snake move? Lab Activity: To study different kinds of joints and their characteristic features.	Students will be able to <ul style="list-style-type: none"> – Recognize different joints in the body and their role in facilitating movement. – learn how to maintain proper posture during various activities – Explain processes and phenomenon, e.g., movements in plants and animals. – Understand and execution of 	<ul style="list-style-type: none"> • Recognition • Explanation • Understanding 	<ul style="list-style-type: none"> • Brainstorming • Hands on Experiments • Collaborative Learning • Guided Discussion • Activity based

			fundamental movements such as walking, running, jumping, and stretching.		
July	18	<p>Ch-6 The Living Organisms — Characteristics And Habitats</p> <ol style="list-style-type: none"> 1. Organisms and the Surroundings where they live 2. Habitat & Adaptation 3. A Journey Through Different Habitat 4. Characteristics of Organisms <p>Lab Activity: To dissect and study the parts of a flower.</p>	<p>Students will be able to</p> <ul style="list-style-type: none"> – Recognize patterns and unique features in plants and animals, fostering a keen understanding of their differences. – Understand about different habitats, including terrestrial and aquatic environments, and understand how organisms are adapted to their specific surroundings. – Understand the different parts of flower and their functions. – Understand the concept of unisexual and bisexual flowers. 	<ul style="list-style-type: none"> • Recognition • Creativity • Explanation • Understanding 	<ul style="list-style-type: none"> • Hands on Experiments • Collaborative Learning • Peer teaching • Demonstration
		<p>Ch-7 Motion & Measurement of Distances</p> <p>Lab Activity :</p> <ul style="list-style-type: none"> • To measure the length of a curved line with a thread. 	<p>Students will be able to</p> <ul style="list-style-type: none"> – Understand the concept of motion, distinguishing between rest and motion, and recognizing various types of motion. – Represent motion graphically using 	<ul style="list-style-type: none"> • Recognition • Explanation • Understanding • Problem solving 	<ul style="list-style-type: none"> • Collaborative Learning • Activity based • Problem solving • Guided Discussion

August	24	<ul style="list-style-type: none"> Critically analyses about the method of measuring the length of a curved line 	<p>distance-time graphs, interpreting the information conveyed by the graph, and relating it to real-world scenarios.</p> <ul style="list-style-type: none"> Measures physical quantities and expresses in SI units, e.g., length 		
		<p>Ch-11 Air around Us</p> <ol style="list-style-type: none"> What is air made up of? How does oxygen become available to animals and plants living in water and soil? How oxygen in the atmosphere is replaced? <p>Lab Activity : To make a magnet using electricity.</p>	<p>Students will be able to</p> <ul style="list-style-type: none"> Comprehend the essential role of oxygen in supporting life processes, including respiration in humans, animals, and plants. Understand the significance of air in supporting combustion, linking the presence of oxygen to the burning of fuels. 	<ul style="list-style-type: none"> Recognition Critical thinking Understanding 	<ul style="list-style-type: none"> Brainstorming Activity based Guided Discussion Peer Teaching AV-Aids
		<p>Ch-9 Electricity and Circuits</p> <ol style="list-style-type: none"> Electric Cell An Electric Circuit Electric Switch Electric Conductor & Insulators 	<p>Students will be able to</p> <ul style="list-style-type: none"> Recognize common electrical components such as switches, bulbs, and wires, and understand their roles in a simple 	<ul style="list-style-type: none"> Recognition Critical thinking 	<ul style="list-style-type: none"> Hands on activity Brainstorming Visual aids

September	18	<p>Lab Activity :</p> <ul style="list-style-type: none"> To find out an open and a closed circuit. To prepare a circuit both open and closed circuits. 	<p>electric circuit.</p> <ul style="list-style-type: none"> Relate the concept of electricity to its everyday applications, such as lighting, heating, and powering electronic devices, fostering an awareness of the role electricity plays in modern life. Understand the concept of open and close circuit. Differentiate between insulators & conductors. 		
October	20	<p>Ch-10 Fun with Magnets</p> <ol style="list-style-type: none"> How magnet was discovered? Magnetic & Non-magnetic material. Poles of magnet Finding direction. <p>Lab Activity :</p> <ul style="list-style-type: none"> To study the directional property of a magnet. To prove like poles, repel and unlike poles attract each other. 	<p>Students will be able to</p> <ul style="list-style-type: none"> Explain the fundamental properties of magnets, such as attraction, repulsion, and the existence of poles. Relate the principles of magnetism to real-world applications, identifying instances where magnets are used in technology, medicine, or everyday objects. 	<ul style="list-style-type: none"> Problem Solving Skill Critical Thinking 	<ul style="list-style-type: none"> Hands on activity Brainstorming Peer Teaching Demonstration
November	22				

SUBJECT: SOCIAL SCIENCE

		REVISION
December	13	FINAL EXAMINATION

Month	No. of Working Days	Course content	Learning objectives	Skills	Teaching Methodology
March	22	<p><u>History</u></p> <p>What, Where, How and When</p>	<ul style="list-style-type: none"> - Familiarize the learner with the major developments to social studies - Develop an understanding of the significance of geographical terms used during the time frame - Illustrate the sources used to construct history - The time frame under study - Identifies different types of sources (archaeological, literary etc.) and describes their use in reconstruction of history of this period. 	<ul style="list-style-type: none"> • Chronological reasoning. 	<ul style="list-style-type: none"> • Storytelling • Group discussions • Timeline activities.
		<p><u>Geography</u></p> <p>The Earth in the Solar system</p>	<ul style="list-style-type: none"> - To understand the unique place of earth in the solar system, which provides ideal condition for all forms of life, including human beings - Distinguishes between stars, planets and satellites e.g. Sun, Earth and Moon. 	<ul style="list-style-type: none"> • Map Reading • Critical thinking 	<ul style="list-style-type: none"> • Visual Aids • Hands-on activities • Discussions.

		<p><u>Civics:</u></p> <p>Diversity and Discrimination</p>	<ul style="list-style-type: none"> - To enable students to: - Gain a sense of why government is required - Recognize the need for universal adult franchise - Appreciate need to make decisions with collective sanction - Understand key elements that influence the functioning of democracy 	<ul style="list-style-type: none"> • Empathy • Cultural - awareness. 	<ul style="list-style-type: none"> • Case studies • Guest speakers • Group-Discussions
<p>April</p>	<p>22</p>	<p><u>Geography:</u></p> <p>TheGlobe - Latitudes and Longitudes</p>	<ul style="list-style-type: none"> - To understand the model of the earth locates directions on the flat surface and continents & oceans on the world map. - Identifies latitudes and longitudes, e.g., poles, equator, tropics, States/UTs of India and other neighboring countries on globe and the world map 	<ul style="list-style-type: none"> • Map Skills • Understand • Identification 	<ul style="list-style-type: none"> • Interactive maps • Hands-on activities • Group exercises

		<p><u>Civics:</u> What is Government?</p>	<ul style="list-style-type: none"> - Gain a sense of why government is required - Appreciate need to make decisions with collective sanction - Understand key elements that influence the functioning of democracy 	<ul style="list-style-type: none"> • Critical analysis • Conceptual understanding • Simulate Collaborative effort and teamspirit 	<ul style="list-style-type: none"> • Role-play • Case studies • Class debates.
May	18	<p><u>History:</u> From Hunting Gathering to Growing food</p>	<ul style="list-style-type: none"> - Appreciate the skills and knowledge of hunter-gatherer and its implications - Recognizes distinctive features of early human cultures and explains their growth. - Identify stone artifacts as archaeological evidence, making deductions from them of their use. - Case study: The Deccan, North-west and North-East 	<ul style="list-style-type: none"> • Critical thinking • Presentation SkillsMap skills 	<ul style="list-style-type: none"> • Multimedia presentations • Discussions • Role-play.
		<p>In the earliest cities</p>	<ul style="list-style-type: none"> - Understand the meaning of Urbanism - Explain broad developments during ancient period e.g. the first cities on the Indus etc. and relates the developments occurring in one place with another. 	<ul style="list-style-type: none"> • Archaeological - interpretation • Historical research. 	<ul style="list-style-type: none"> • Visual aids • Case studies • Class Discussions.

		<p><u>Civics:</u></p> <p>Panchayat Raj</p>	<ul style="list-style-type: none"> – Study from the text and direct observation of functioning of a Gram Panchayat – Understand the local self-government and the need for it 	<ul style="list-style-type: none"> • Critical thinking • Civic awareness. 	<ul style="list-style-type: none"> • Case studies • Role-play • Guest lectures.
		<p><u>Geography:</u></p> <p>Motions of the Earth</p>	<ul style="list-style-type: none"> – Understand the rotation and revolution of the Earth. – Explore the impact of these motions on day and night, seasons, and climate. 	<ul style="list-style-type: none"> • Scientific observation • Map - interpretation. 	<ul style="list-style-type: none"> • Demonstrations • Simulations
<p>June</p>	<p>18</p>	<p><u>Geography:</u></p> <p>Maps</p>	<ul style="list-style-type: none"> – Locates directions on the flat surface and continents & oceans on the world map. – Locates physical features of India such as mountains, plateaus, plains, rivers, and deserts etc. on the map of India. – Draws neighborhood map showing scale, direction, and features with the help of conventional symbols. 	<ul style="list-style-type: none"> • Map skills • Application 	<ul style="list-style-type: none"> • Demonstrations, • Hands-on activities • Map exercises.

		<p><u>Civics:</u></p> <p>Rural Administration</p>	<ul style="list-style-type: none"> - Describes the role of government, especially at the local level. - Identifies various levels of the local government. - Analyses the functioning of rural local government bodies in sectors like health and education and water. - Understand the working of Panchayat Raj and appreciate its importance 	<ul style="list-style-type: none"> • Analyze • Understand • Describe • Empathy 	<ul style="list-style-type: none"> • Analytical thinking • Civic participation.
		<p>Urban Administration</p> <p><u>History:</u></p> <p>What Books and Burials tell us (To be taken as project work)</p>	<ul style="list-style-type: none"> - Explain the election of ward councilor - Difference between Municipal corporation and Municipality - Functions of Urban Civic bodies - Sources of Income - To appreciate different developments taking place in different parts of subcontinent. 	<ul style="list-style-type: none"> • Analyze • Understand • Describe • Empathy • Historical analysis • Interpretation. 	<ul style="list-style-type: none"> • Case studies, guest lectures, discussions. • Document analysis, virtual tours, class discussions

		<p><u>History:</u></p> <p>Kingdoms, Kings and an Early Republic</p>	<ul style="list-style-type: none"> - 1.Introduce the concept of the state and its varieties - Understand the use of textual sources in this context - Earn about Jana padas to Mahajanpadas - Case study: Bihar, Magadha, and the Vaji confederacy 	<ul style="list-style-type: none"> • Historical research, interpretation. 	<ul style="list-style-type: none"> • Group projects, discussions • Multimedia presentations.
July	18	<p><u>History:</u></p> <p>Kingdoms, Kings and an Early Republic</p>	<ul style="list-style-type: none"> - 1.Introduce the concept of the state and its varieties - Understand the use of textual sourcesin this context - Earn about Jana padas to Mahajanpadas - Case study: Bihar, Magadha, and theVaji confederacy 	<ul style="list-style-type: none"> • Historical research • Interpretation. 	<ul style="list-style-type: none"> • Group projects, discussions • Multimedia presentations.

August	24	<p><u>Civics:</u> Rural Livelihood</p>	<ul style="list-style-type: none"> - Describes factors responsible for availability of different occupations undertaken in rural areas. 2. Understanding the conditions that underline and impact life strategies of various groups of people - Various types of livelihoods prevalent in a village - Different types of farmers: Large and middle farmer, Marginal and Landless farmer 	<ul style="list-style-type: none"> • Analyze • Understand • Describe • Empathy 	<ul style="list-style-type: none"> • Guest speakers
September	18	<p><u>History:</u> Traders, Kings and pilgrims</p>	<ul style="list-style-type: none"> - Introduce the ideas of contact between faraway places and what makes them happen. - Explore how textual and visual material is used to understand the 	<ul style="list-style-type: none"> • Explore • Understand • Discuss 	<ul style="list-style-type: none"> • Group projects • Guest lectures • Class presentations.

October	20	<p><u>Civics:</u> Urban Livelihoods</p> <p><u>History:</u> Buildings, painting and Books</p> <p>Vital villages, thriving towns (To be taken as projectwork)</p>	<ul style="list-style-type: none"> - Explain the difference between Primary, Secondary and Tertiary occupations - Descriptions of various types of livelihoods including vegetable vendor, domestic servant, garment worker and wage employment - Difference between self-employed, regular employment and wage employment - Outline significant contribution in culture and science viz. Astronomy, medicine, mathematics and knowledge of metals. - Demonstrate the variety of early urban centres, coastal towns, capitals, religious centers. - Illustrate the use of archaeological material including coins, sculptures as well as textual sources to reconstruct social and economic history. 	<p>Critical thinking</p> <p>Understand Explain</p> <p>Demonstrate Illustrate</p>	<ul style="list-style-type: none"> • Group projects • Guest lectures, • Class Presentations.
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		<p><u>Geography:</u></p> <p>Major Domains of the Earth</p>	<ul style="list-style-type: none"> - To understand interrelationship of the realms of the earth - To understand how man is modifying the environment and its effects with special reference to Global warming and Green House Effect. 	<ul style="list-style-type: none"> • Knowledge • Analyze • Understand • Describe • Map skills • Critical Thinking 	<ul style="list-style-type: none"> • Visual aids group • Projects • Class discussions.
		<p>Our Country: India</p>	<ul style="list-style-type: none"> - Locates physical features of India Such as mountains, plateaus, plains, rivers, desert, etc. on the map of India. comprehend the broad - Physiographic divisions of India 	<ul style="list-style-type: none"> • Knowledge • Comprehend • Appreciate • Map skills 	<ul style="list-style-type: none"> • Guest speakers • Virtual tours, group • Projects.
		<p><u>Civics:</u></p> <p>Understanding Diversity</p>	<ul style="list-style-type: none"> - Describes various forms of human diversity around him/her. - Develops a healthy attitude towards various kinds of diversity around them. 	<ul style="list-style-type: none"> • Understand • Explain • Illustrate 	<ul style="list-style-type: none"> • Group discussions • Reflective exercises • Class projects.

November	22	History: NewEmpires and Kingdoms	<ul style="list-style-type: none"> – introduce the idea that strategies of expansion, and their logic, differ – explain the development of different administrative systems – Understand – how <i>prashastis</i> and <i>caritas</i> are used to reconstruct political history 	<ul style="list-style-type: none"> • Understand • Describe 	<ul style="list-style-type: none"> • Discuss and Debate
	REVISION				
December	13	FINAL EXAMINATION			

SUBJECT: COMPUTER

Month	No. of Working Days	Content	Learning Outcome	Skill	Teaching Methodology
March	22	CHAPTER 1: Computer – Its Components	<p>Students will be able to:</p> <ul style="list-style-type: none"> • Define input and output devices. • Identify input and output devices. • Tell about the concept of memory. • List different storage devices. • Define processing. • Tell about CPU and ALU. 	Understanding, recall, recognition.	<p>Lecture cum Demonstration: Begin the chapter with a live demonstration introducing computer devices and memory devices.</p> <p>Visual Aids: Use visuals, such as pictures or props, to enhance understanding and create excitement.</p>
April	22	<p>CHAPTER 2: Computer Memory</p> <p>CHAPTER 3: Excel – Creating Worksheet</p>	<p>Students will able to:</p> <ul style="list-style-type: none"> • Tell about memory and its uses. • Define primary and secondary memory. • Tell about RAM and ROM. • Open and close Excel. • Create a workbook. • Save a workbook. • Format a worksheet. 	Attention to detail, recall, reorganization.	<p>Interactive Session: Conduct an interactive discussion introducing the basic components of memory and its needs in current era.</p> <p>Present a live demonstration using Excel and its features.</p> <p>Group Discussion: Facilitate group discussions to share their</p>

					findings and experiences.
May	18	CHAPTER 4: Excel – formula and functions.	Students will be able to: <ul style="list-style-type: none"> • Define the term formula and function in reference to MS Excel. • To use library functions like sum, max, min etc. • To create the formulas using cell address, • Tell about different types of referencing. • Use different number formats. 	Creativity, understanding, recall. Critical thinking, problem solving, analyzing.	Interactive Recap: Conduct an interactive session recapping basic Excel formulas and functions, emphasizing key concepts of Excel. Peer Teaching: Encourage students to share their knowledge, promoting collaborative learning,
June	18	CHAPTER 5: Excel - Creating Charts	Students will be able to: <ul style="list-style-type: none"> • Change the views. • Create a chart • Define the terms used in charts. • Insert SmartArt • Use Sparkline’s. 	Creativity, recall, reorganization, Critical thinking	Demonstration: Provide a live demonstration of creating Chart. Formatting the chart and using smartart
July	18	CHAPTER 6: Windows Movie Maker	Students will be able to: <ul style="list-style-type: none"> • Open and close movie maker. • Add videos and photos. • Import files from different locations. • Add title, captions and credits. • Edit media clips. • Save and edit projects. 	Creativity, Problem solving, Critical thinking	Live Demonstration: Provide a live demonstration of creating Videos and using different features of movie maker.
August	24	CHAPTER 7: Pencil 2D	Students will be able to: <ul style="list-style-type: none"> • Open and close Pencil 2D software. • Use tool palette. 	Creativity, Problem solving, Critical thinking	Live Demonstration: Provide a live demonstration creating animations using Pencil 2D tool

		Animation Software	<ul style="list-style-type: none"> • Use and change layers. • Add animations features. • Create project using Vector layer. • Create project using Bitmap layer 		
September	18	CHAPTER 8: Programming in QBasic	Students will be able to: <ul style="list-style-type: none"> • Create program using QBasic programming language. • Save and execute program. • Find and remove error in the program. 	Creativity, problem solving, analytical skill	Demonstration: Conduct an interactive session creating a program to have the desired output, emphasizing key concepts of Qbasic.

October	20	CHAPTER 9: Graphics in QBasic CHAPTER 10: Internet Services	Students will be able to: <ul style="list-style-type: none"> • Use graphics in QBasic. • Work different modes of graphics. • Use commands like color, draw, circle etc. • Tell the different ways to connect to internet. • Recall the services provided by internet. • Search information using internet. 	Creativity, problem solving, Recall.	Live Demonstration: Use of graphics and different commands. Using internet to search desired information.
November	22	REVISION			
December	13	FINAL EXAMINATION			

