

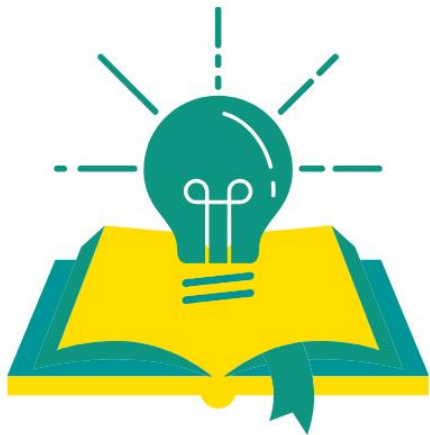


Bal Bharati
PUBLIC SCHOOL
SOLAN

ANNUAL PEDAGOGY PLAN

2025-26

Class : VIII



Home - Bal Bharti Public School Solan

We Welcome you! Our is School Co-educational and we encourages the students to take part in various co-curricular activities.

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Subject: English

BOOKS					
1) Class book–Longman New Images Next –Pearson 2) Enrichment Reader–New Images Next-Pearson 3) Cornerstone - Pearson					
Month	No. of Working Days	Content	Learning Outcomes	Skill	Teaching Method
March	22	Class Book The three questions The Commentators Enrichment Reader: A Short Monsoon Diary Grammar: Modals, Editing Writing Skill: Notice writing	Responds to a variety of questions on familiar and unfamiliar texts verbally and in writing. Use synonyms, antonyms appropriately deduce word meanings from clues in context while reading a variety of texts. Refers to dictionary to check meaning and spelling, and to suggested websites for information. Reading to understand the text. Identify parts of speech ,idioms. Appreciate literary devices. Writes grammatically correct sentences for a variety of situations, using noun, to enable the students to understand the passage and grasp its meaning	Evaluate Analyze Recall Extrapolate Think Critically	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. Use dictionary as a reference book for
April	19	Class Book A Robot in the House Communication Enrichment Reader: IF Grammar: Tenses and	To enable the students to understand the passage and grasp its meaning To enable the students to recite the poem with correct pronunciation Reads a variety of texts in English/Braille and identifies main ideas, characters, sequence of ideas and events and relates with his/her personal experiences.	Critical Thinking, Listening Speaking	Discuss the ideas of the text for critical thinking. Interpret tables, charts, diagrams and maps and write a short paragraph Explanation Extempore

		<p>Verb</p> <p>Writing Skill: Diary entry</p>	<p>Participates in activities in English like role play, group discussion, debate, etc. Look at cartoons/ pictures/comic strips with or without words, and talk/write about them. Drafts, revises and writes short paragraphs based on verbal clues.</p>		
May	23	<p>Class Book The Tea Kettle One Stranded Bus and a pond</p> <p>Enrichment Reader: The Guests A promise not Kept</p> <p>Grammar: Article and Voice Writing Skill: Picture Composition</p>	<p>To enable the students to understand the passage and grasp its meaning Reads a variety of texts in English and identifies main ideas, characters, sequence of ideas and events and relates with his/her personal experiences. Uses meaningful sentences to describe / narrate factual / imaginary situations in speech and writing. Writes grammatically correct sentences for picture composition.</p>	<p>Evaluate Analyze Extrapolate Problem solving</p>	<p>Language Game Worksheets Newspaper activity various types of writing such as messages, notices, letters, report, biography, diary entry travelogue etc.</p>
June	15	<p>Class Book A Nation's Strength</p> <p>Enrichment Reader: Ode to Autumn</p> <p>Grammar: Integrated Grammar Writing Skill: Descriptive writing</p>	<p>To enable the students to recite the poem with correct pronunciation to enable the students to integrate skills of different subjects and enhance their creativity.</p>	<p>Understanding Applying Evaluating</p>	

<p style="text-align: center;">July</p>	<p style="text-align: center;">14</p>	<p>Class Book The Eyes Have it The Nightingale and the glow worm Enrichment Reader: Book Shop Memories O Captain! My Captain Grammar: Pronoun, Preposition Writing Skill: Speech writing</p>	<p>To enable the students to integrates kills of different subjects and enhance their creativity. Poem recitation with correct pronunciation. To learn the poetic devices and to inculcate the values of love and respect for one’s own country. Summarize orally the stories, poems and events that he/she has read or heard. Locate sequence of ideas, events and identify main idea of a story/poem through various types of comprehension questions</p>	<p>Remembering Understanding Inference Evaluating</p>	<p>To learn the art of story telling Role Play Dialogue Conversation Extempore Peer assessment Worksheets Newspaper article</p>
<p style="text-align: center;">August</p>	<p style="text-align: center;">22</p>	<p>Class Book The Open window A Remarkable Rocket Enrichment Reader: A Telephonic Conversation Grammar: Editing and gap filling Writing Skill: Picture Composition</p>	<p>To enable the students to understand the passage and grasp its meaning Reads a variety of texts in English and identifies main ideas, characters, sequence of ideas and events and relates with his/her personal experiences. Uses meaningful sentences to describe / narrate factual / imaginary situations in speech and writing. Listen to descriptions and identify objects. Infer the meaning from the text. Understand and practice the gap filling Observing and writing a paragraph on Picture composition.</p>	<p>Understanding Applying Analyzing Creating Evaluating</p>	<p>Diary entries Listening comprehension Pair/Group work Scriptwriting Role play Word wall/ Puzzle</p>
<p style="text-align: center;">September</p>	<p style="text-align: center;">23</p>	<p>Class Book The Human Seasons Journey to the Sundarbans. Enrichment Reader: Lord Ullin’s Daughter Grammar: Conjunction, Preposition Writing Skill: E-Mail</p>	<p>To enable the students to understand the passage and grasp its meaning Responds to a variety of questions on familiar and unfamiliar texts verbally and in writing. Uses synonyms, antonyms appropriately deduce word meanings from clues in context while reading a variety of texts. Comprehend the use of Conjunction Identify and differentiate between type of</p>	<p>Remembering Creating Inference Applying Problem solving</p>	<p>Peer assessment Poetry writing Poster Making Written assignments Practice question Explanation and Discussion</p>

		writing	Preposition Drafts revises and writes E- Mail appropriate format		
October	16	Class Book The Way through the Woods From Story Telling to Film- Making A Comedy of Manners	To enable the students to understand the passage and grasp its meaning Write a biographical sketch. Understand imagery and infer from the text	Evaluate Analyze Extrapolate Problem solving	Story telling Book review writing Written Assignments Worksheets Character dramatization Listen to English news (TV, Radio) as a resource
		Enrichment Reader: The Rehearsal Grammar: Modals Writing Skill: Story writing	Express opinions Understand and analyze the correct usage of modals Different types of modals Transforming sentences To enable the students to write creatively.		To develop listening comprehension.
November	23	REVISION			
December	14	FINAL TERM			

Subject: Hindi

- पाठ्य पुस्तक : वसंत भाग-III
- नवीन शिक्षार्थी हिंदी व्याकरण तथा रचना

महीने	कार्य दिवसों की संख्या	विषय- वस्तु	शिक्षण- युक्तियाँ	कौशल – विधियाँ	शिक्षण- युक्तियाँ
मार्च	22	पाठ 1 लाख की चूड़ियाँ पाठ 2 बस की यात्रा व्याकरण : भाषा, बोली लिपि और व्याकरण, वर्ण-विचार	<ul style="list-style-type: none">• गाँव और शहरीकरण के विकास में ग्रामोद्योगों का क्या महत्व रहेगा ?• जीवन मूल्य समयानुसार प्रत्येक वस्तु का नवीनकरण की आवश्यकता	<ul style="list-style-type: none">• कल्पना कौशल• वाचन कौशल• पठन कौशल• लेखन कौशल	<ul style="list-style-type: none">• चूड़ियाँ से विभिन्न आकर के चीजों को बनाना• बस यात्रा और अन्य वाहनों पर चर्चा
अप्रैल	20	पाठ 3 दीवानों की हस्ती	<ul style="list-style-type: none">• हमें हमेशा दूसरों की मदद करनी चाहिए	<ul style="list-style-type: none">• कल्पना कौशल• वाचन कौशल• पठन कौशल• चित्र- चित्रण	<ul style="list-style-type: none">• जीवन के मूल्यों पर चर्चा
मई	23	पाठ 4 भगवान के डाकिये व्याकरण: उच्चारण और वर्तनी, प्रत्यय व उपसर्ग	<ul style="list-style-type: none">• जीवन मूल्यों में बंधुत्व की भावना का विकास	<ul style="list-style-type: none">• कल्पना कौशल• वाचन कौशल• पठन कौशल• चित्र- चित्रण	<ul style="list-style-type: none">• अनुच्छेद लेखन “हमें एक दुसरे की मदद करनी चाहिए”
जून	15	पाठ 5 क्या निराश हुआ जाए अपठित गद्यांश अनुच्छेद लेखन, मुहावरे, शब्द – विचार, औपचारिक पत्र लेखन	<ul style="list-style-type: none">• जीवन के मानवीय मूल्य भले ही दब गए हों पर उन्हें बनाए रखते हुए हमें	<ul style="list-style-type: none">• पठन कौशल• लेखन कौशल• श्रवण कौशल	<ul style="list-style-type: none">• घटना वर्णन

जुलाई	14	पाठ 6 यह सबसे कठिन समय नहीं अपठित गद्यांश अनुच्छेद लेखन, मुहावरे, रचना के आधार पर औपचारिक पत्र लेखन	<ul style="list-style-type: none"> जीवनमूल्यों में आश्रित होकर अपने लक्ष्य की ओर बढ़ना अपनाना चाहिये। वर्तमान परिस्थितियों में भी हमें सम्मिलित ही होना चाहिए 	<ul style="list-style-type: none"> पठन कौशल लेखन कौशल श्रवण कौशल 	<ul style="list-style-type: none"> “छात्र के – जीवन का कठिन समय” पर अनुच्छेद
अगस्त	22	पाठ 9 सूरदास के चरित पाठ 10 जहाँ पहिया है व्याकरण :, कारक, संज्ञा , संवाद लेखन	<ul style="list-style-type: none"> सूरदास के दोहों से नितिपरक तथ्यों पर अपने विचार व्यक्त करेंगे 	<ul style="list-style-type: none"> पठन कौशल लेखन कौशल श्रवण – कौशल 	<ul style="list-style-type: none"> पीपीटी अपने मन पसंद किन्ही पांच निति परक दोहों सृजनात्मक रूप में प्रस्तुत करना कृ षण की बाल लीलाएं सुनाएंगे पीपीटी
सितम्बर	24	पाठ 10 अकबरी लोटा व्याकरण वाक्यांशों के लिए शब्द, विराम चिन्ह, अव्यय, औपचारिक पत्र लेखन	<ul style="list-style-type: none"> जीवन में अपने स्वार्थ के लिए किसीको मुर्ख नहीं बनाना चाहिए 	<ul style="list-style-type: none"> लेखन कौशल श्रवण कौशल वाचन कौशल 	<ul style="list-style-type: none"> संग्राहलय के बारे में जानकारी एकत्रित करना
अक्टूबर	17	पाठ 11 :पानी की कहानी पाठ 12 :बाज और सांप व्याकरण : सूचना लेखन, वाक्य रचना की अशुद्धियाँ, संधि अपठित गद्यांश, लोकोक्तियाँ	<ul style="list-style-type: none"> पानी का महत्व तथा मूल्यों को जानेगे पशु- पक्षियों के बारे में चर्चा 	<ul style="list-style-type: none"> आदर्श सस्वर वाचन कौशल श्रवण कौशल 	<ul style="list-style-type: none"> वाटर साइकल का चित्र कहानी लेखन परियोजना
नवम्बर	23	पुरनावृति	नवम्बर		
दिसम्बर	14	वार्षिक परीक्षा	दिसम्बर		

Subject: Mathematics

Month	No. of Working Days	Content	Learning Outcome: Students will be able to :	Skill	Teaching Methodology
Feb/March	32	Chapter 1: Rational Numbers	Recall the definition and operations on rational numbers Explore the properties of rational numbers	Recall, Analyze, Critical Thinking, Logical Reasoning	Collaborative Learning, Guided discussion, Peer teaching, Problem solving with examples
		Chapter 2: Linear Equations in One Variable	Recall the simple equations Solve Equations having the Variable on both Sides Reduce Equations to Simpler Form	Participation in Class Discussion, Critical Thinking, Application	Guided discussion, Peer teaching, Problem solving with examples
		Chapter 3: Understanding	Draw the curves	Logical Reasoning, Analyze,	Collaborative learning, Guided discussion, Activity method, Induction

		<p>Quadrilateral</p> <p>Chapter 4:</p> <p>Data Handling</p>	<p>Differentiate different types of given polygons. Prove the angle sum property of quadrilateral Verify that sum of exterior angles of a polygon is 360° Differentiate among different types of quadrilaterals</p> <p>Recall the pictograph, bar graph, double bar graph etc. to represent data(Graphical Representation) Convert the given information in fractions or percentages of whole set. Draw the pie chart Enlist all the outcomes of an experiment and write their respective probabilities</p>	<p>Creativity, Presentation</p> <p>Synthesizing, Critical Thinking, Organizing, Evaluate</p>	<p>ACTIVITY: To verify that the diagonals of a rectangle are equal.</p> <p>Guided discussion, Peer teaching, Collaborative learning, Problem solving with examples</p>
<p>April</p>	<p>19</p>	<p>Chapter 5:</p> <p>Squares and Square Roots</p>	<p>Express a square natural number n as $n = m \times m$ (m is an integer) Enlist the properties of square numbers. Find the patterns in square numbers & find the square root of a number</p>	<p>Interpretation, Participation in Class Discussion, Observation and critical thinking, Computation with accuracy</p>	<p>Activity Method, Guided discussion, Peer Teaching, Problem solving with examples</p>

		Chapter 6: Cubes and Cube Roots	Express a cube natural number n as $n=m*m*m$ Explore the properties of cube numbers. Find the patterns in cube numbers & find the cube root of a number	Interpretation, Participation in Class Discussion, Observation and critical thinking, Computation with accuracy	Problem Solving, Guided discussion, Peer Teaching
May/June	38	Chapter 7: Comparing Quantities Chapter 8: Algebraic expressions and identities	Recall Ratios and Percentages. Find increase or decrease percent. Calculate discount. Estimate in percentage & find sales Tax /Value added Tax/Goods and services Tax differentiate between simple interest and compound interest. Recall Addition and Subtraction of Algebraic Expressions. Find the product of polynomials.	Application, Computation with accuracy, Logical reasoning, Critical Thinking Analysis and Synthesis, Application, Computation with Accuracy	Guided discussion, Problem solving. Activity: To derive the formula for area of parallelogram using coloured paper Guided discussion, Collaborative learning, Peer teaching, Problem solving
July	14	Chapter 10:			

		Exponents and powers Chapter 11: Direct and Inverse Proportions	Write multiplicative inverse of the given numbers in exponential form. Derive the laws of exponents & evaluate and simplify the expressions involving exponents. Use the exponents to express small numbers in standard form. Observe the change in one quantity on bringing the change in the other establish the relation between two quantities. Solve the questions based on finding the unknown quantity. Inter conversion of units of a quantity.	Critical Thinking, Synthesis, Computation with Accuracy Critical Thinking, Synthesis, Computation with Accuracy, Conversion of Units	Problem solving, Induction method, Collaborative learning Guided discussion with examples, Collaborative learning, Problem solving
Aug/Sept	45	Chapter 12: Factorization	Recall to write factors of a monomial. Write common factors of 2 monomials factorize by regrouping of terms of a polynomial. Factorize the polynomial by using the identities. Divide the polynomial by a monomial (or polynomial) by cancelling common factors.	Analysis and Synthesis, Application, Computation with Accuracy, Logical Reasoning	Guided discussion, Peer teaching, Collaborative learning, Problem solving with examples

Oct.	16	<p>Chapter 13: Introduction to Graphs</p> <p>Chapter 9: Mensuration</p>	<p>Cartesian system, A line graph. Some Applications</p> <p>Area of Polygon Visualize different surfaces of a solid to calculate its surface area (cuboid, cube and cylinder) Identify real life examples of cuboid, cube and cylinder Derive the formulae for volume of cuboid, cube and cylinder.</p>	<p>Understanding, Application, Visualization</p> <p>Application, Visualization, Computation with Accuracy, Logical Reasoning, Critical Thinking</p>	<p>Peer teaching, Collaborative learning</p> <p>Guided discussion, Induction, Problem solving, Collaborative learning Activity: To draw solids (cubes and cuboids) made by unit cubes on isometric dot sheet.</p>
Nov.	23	Revision	Revision and testing skills		Revision and Class tests
Dec.	14	Final Examination (Full Syllabus)			

Subject: Science

Month	No. of Working Days	Content	Learning Outcome	Skills	Teaching Methodology
February & March	32	Ch 1: Crop Production And Management 1.1 Agricultural Practices 1.2 Basic Practices of Crop Production 1.3 Preparation of Soil 1.4 Sowing 1.5 Adding Manure and Fertilizers 1.6 Irrigation 1.7 Protection from Weeds 1.8 Harvesting 1.9 Storage 1.10 Food from Animals	Students will be able to: <ul style="list-style-type: none"> grasp the significance of crops as a vital source of food, fiber, and other essential products for human beings. learn about various agricultural practices involved in crop production, understand the concept of crop rotation and its benefits 	<ul style="list-style-type: none"> ➤ Analysis. ➤ Critical Thinking ➤ Curiosity. ➤ Confidence. ➤ Creativity ➤ Motivation. ➤ Creativity. ➤ Communication. ➤ Decision making. ➤ Problem Solving 	<ul style="list-style-type: none"> ➤ Demonstration cum lecture method ➤ Guided Discussion ➤ Activity based teaching ➤ Problem solving based learning ➤ 5 E's ➤ Collaborative Learning
		Ch3: Coal and Petroleum 3.1 Coal 3.2 Petroleum 3.3 Natural Gas 3.4 Some Natural Resources are Limited	Students will be able to: <ul style="list-style-type: none"> learn various products derived from petroleum learn environmental impact of petroleum extraction, refining, and usage 		
		Ch2: Microorganisms: Friend and Foe 2.1 Microorganisms 2.2 Where do Microorganisms Live? 2.3 Microorganisms and Us	Students will be able to: <ul style="list-style-type: none"> understand the basic definition of microorganisms and their characteristics 		
April	19	Ch2: Microorganisms: Friend	<ul style="list-style-type: none"> learn different types of 	<ul style="list-style-type: none"> ➤ Analysis. 	

		<p>and Foe (Cont.) 2.4 Harmful Microorganisms 2.5 Food Preservation 2.6 Nitrogen Fixation 2.7 Nitrogen cycle</p> <p>Lab Activity -To draw a schematic flow chart of nitrogen cycle</p> <p>Ch11: Chemical Effects of Electric Current 11.1 Do Liquids Conduct Electricity? 11.2 Chemical Effects of Electric Current 11.3 Electroplating</p> <p>Lab Activity - To study the Electrolysis of water.</p>	<p>microorganisms, including bacteria, viruses, fungi, protozoa, and algae.</p> <ul style="list-style-type: none"> learn ecological significance of microorganisms, their role in nutrient cycling, <p>Students will be able to:</p> <ul style="list-style-type: none"> understand the basic concept of electric current and its ability to produce various effects. about the process of electrolysis. understand the concept of electroplating, which is the deposition of a layer of metal onto an object using an electric current. 	<ul style="list-style-type: none"> ➤ Critical Thinking ➤ Curiosity. ➤ Confidence. ➤ Creativity ➤ Motivation. ➤ Creativity. ➤ Communication. ➤ Problem solving <ul style="list-style-type: none"> ➤ Decision making 	<ul style="list-style-type: none"> ➤ Demonstration cum lecture method ➤ Guided Discussion ➤ Activity based teaching ➤ Problem solving based learning ➤ 5 E's ➤ Collaborative Learning
May	23	<p>Ch 7 : Reaching the age of Adolescence 7.1 Adolescence and Puberty 7.2 Changes at Puberty 7.3 Secondary Sexual Characters 7.4 Role of Hormones in Initiating Reproductive Function 7.5 Reproductive Phase of Life in Humans 7.6 How is the Sex of the Baby Determined? 7.7 Hormones other than Sex Hormones</p>	<p>Students will be able to:</p> <ul style="list-style-type: none"> understand the physical changes that occur during adolescence, including the onset of puberty, growth spurts, development of secondary sexual characteristics. learn about the significance of personal hygiene and self-care during adolescence 	<ul style="list-style-type: none"> ➤ Analysis. ➤ Critical Thinking ➤ Curiosity. ➤ Confidence. ➤ Creativity ➤ Motivation. ➤ Creativity. ➤ Communication. ➤ Decision making ➤ Problem Solving 	<ul style="list-style-type: none"> ➤ Demonstration cum lecture method ➤ Guided Discussion ➤ Activity based teaching ➤ Problem solving based learning ➤ 5 E's ➤ Collaborative Learning

		<p>7.8 Role of Hormones in Completing the Life History of Insects and Frogs</p> <p>7.9 Reproductive Health</p> <p>Ch 6 :Reproduction In Animals</p> <p>6.1 Modes of Reproduction</p> <p>6.2 Sexual Reproduction</p> <p>6.3 Asexual Reproduction</p> <p>Lab Activity1 –To study</p> <p>(a)binary fission in Amoeba</p> <p>(b)Spore formation in Rhizopus with the help of prepared slides</p>	<ul style="list-style-type: none"> develop an understanding and acceptance of the physical and emotional changes that occur during adolescence <p>Students will be able to:</p> <ul style="list-style-type: none"> understand the two main types of reproduction in animals: sexual and asexual learn about different reproductive strategies adopted by animals, including internal fertilization and external fertilization. 		
June	15	<p>Ch5: Conservation of Plants and Animals</p> <p>5.1 Deforestation and Its Causes</p> <p>5.2 Consequences of Deforestation</p> <p>5.3 Conservation of Forest and Wildlife</p> <p>5.4 Biosphere Reserve</p> <p>5.5 Flora and Fauna</p> <p>5.6 Endemic Species</p>	<p>Students will be able to:</p> <ul style="list-style-type: none"> understand the concept of biodiversity and its importance in maintaining a healthy and balanced ecosystem learn about different conservation measures and strategies aimed at protecting plants and animals. 	<ul style="list-style-type: none"> ➤ Analysis. ➤ Critical Thinking ➤ Curiosity. ➤ Confidence. ➤ Creativity ➤ Motivation. ➤ Creativity. ➤ Communication. ➤ Decision making ➤ Problem Solving 	<ul style="list-style-type: none"> ➤ Demonstration cum lecture method ➤ Guided Discussion ➤ Activity based teaching ➤ Problem solving based learning ➤ 5 E's ➤ Collaborative Learning
July	14	<p>Ch5: Conservation of Plants</p>		<ul style="list-style-type: none"> ➤ Analysis. ➤ Critical Thinking 	<ul style="list-style-type: none"> ➤ Demonstration

		<p>and Animals (Cont.) 5.7 Wildlife Sanctuary 5.8 National Park 5.9 Red Data Book 5.10 Migration 5.11 Recycling of Paper 5.12 Reforestation</p> <p>Ch. 10 : Sound 10.1 Sound is Produced by a Vibrating Body 10.2 Sound Produced by Humans 10.3 Sound Needs a Medium for Propagation 10.4 We Hear Sound through Our Ears 10.5 Amplitude, Time Period and Frequency of a Vibration 10.6 Audible and Inaudible Sounds 10.7 Noise and Music 10.8 Noise Pollution</p> <p>Lab Activity -To find the time period and the frequency of an oscillating pendulum.</p>	<ul style="list-style-type: none"> • understand the role of individuals in conservation efforts. <p>Students will be able to:</p> <ul style="list-style-type: none"> • understand that sound is a form of energy • learn about the basic characteristics of sound • learn about how sound travels through different mediums and the factors that affect it. • develop an awareness of noise pollution and its adverse effects on human health and the environment. 	<ul style="list-style-type: none"> ➤ Curiosity. ➤ Confidence. ➤ Creativity ➤ Motivation. ➤ Creativity. ➤ Communication. ➤ Decision making ➤ Problem Solving 	<p>cum lecture method</p> <ul style="list-style-type: none"> ➤ Guided Discussion ➤ Activity based teaching ➤ Problem solving based learning ➤ 5 E's ➤ Collaborative Learning
August	22	<p>Ch. 13 : Light 13.1 What makes Things Visible 13.2 Laws of Reflection 13.3 Regular and Diffused Reflection 13.4 Reflected Light Can be Reflected Again 13.5 Multiple Images</p>	<p>Students will be able to:</p> <ul style="list-style-type: none"> • learn about different sources of light, including natural. • learn about the reflection of light, including the laws of reflection. • understand how images 	<ul style="list-style-type: none"> ➤ Analysis. ➤ Critical Thinking ➤ Curiosity. ➤ Confidence. ➤ Creativity ➤ Motivation. ➤ Creativity. ➤ Communication. 	<ul style="list-style-type: none"> ➤ Demonstration cum lecture method ➤ Guided Discussion ➤ Activity based teaching ➤ Problem solving

		<p>13.6 Sunlight — White or Coloured</p> <p>13.7 What is inside Our Eyes?</p> <p>13.8 Care of the Eyes</p> <p>13.9 Visually Impaired Persons Can Read and Write</p> <p>13.10 What is the Braille System?</p> <p>Ch. 4 : Combustion & Flame</p> <p>4.1 What is Combustion?</p> <p>4.2 How Do We Control Fire?</p> <p>4.3 Types of Combustion</p> <p>4.4 Flame</p> <p>4.5 Structure of a Flame</p> <p>4.6 What is a Fuel?</p> <p>4.7 Fuel Efficiency</p>	<p>are formed by mirrors, including concept of lenses and their properties.</p> <ul style="list-style-type: none"> Learn about different parts of an eye <p>Students will be able to:</p> <ul style="list-style-type: none"> understand the concept of combustion understand the three essential requirements for combustion to different types of flames produced during combustion, 	<ul style="list-style-type: none"> Decision making Problem Solving 	<p>based learning</p> <ul style="list-style-type: none"> 5 E's Collaborative Learning
Sept	23	<p>Ch. 12: Some natural Phenomenon</p> <p>12.1 Lightning</p> <p>12.2 Charging by Rubbing</p> <p>12.3 Types of Charges and Their Interaction</p> <p>12.4 Transfer of Charge</p> <p>12.5 The Story of Lightning</p> <p>12.6 Lightning Safety</p> <p>12.7 Earthquakes</p> <p>Lab Activity 6– To study the power of static Electricity</p> <p>Ch 8 : Force and Pressure</p> <p>8.1 Force – A Push or a Pull</p>	<p>Students will be able to:</p> <ul style="list-style-type: none"> Understand the concept of lightning and its formation. Identify the safety measures to be taken during a thunderstorm Explain the causes and effects of earthquakes. <p>Students will be able to:</p>	<ul style="list-style-type: none"> Analysis. Critical Thinking Curiosity. Confidence. Creativity Motivation. Creativity. Communication. Decision making Problem solving 	<ul style="list-style-type: none"> Demonstration cum lecture method Guided Discussion Activity based teaching Problem solving based learning 5 E's Collaborative Learning

		8.2 Forces are due to an Interaction 8.3 Exploring Forces 8.4 A Force can Change the State of Motion 8.5 Force can Change the Shape of an Object 8.6 Contact Forces 8.7 Non-contact Forces	<ul style="list-style-type: none"> Understand the concept of force and its effects on objects 		
Oct	17	<p>Ch 8 : Force and Pressure (Cont.) 8.8 Pressure 8.9 Pressure Exerted by Liquids and Gases 8.10 Atmospheric Pressure</p> <p>Lab Activity- To show that liquid pressure varies with depth.</p> <p>Ch. 9 : Friction 9.1 Force of Friction 9.2 Factors affecting Friction 9.3 Friction : A Necessary Evil 9.4 Increasing and Reducing Friction 9.5 Wheels Reduce Friction 9.6 Fluid Friction</p>	<ul style="list-style-type: none"> Learn about factors that affect pressure, such as area and force, different units of pressure, like Pascal and atmosphere. the forces acting on objects in fluids. <p>Students will be able to:</p> <ul style="list-style-type: none"> Understand the concept of friction and its role in everyday life. Learn the advantages and disadvantages of friction in different situations Learn about the methods used to increase or decrease friction 	<ul style="list-style-type: none"> ➤ Analysis. ➤ Critical Thinking ➤ Curiosity. ➤ Confidence. ➤ Creativity ➤ Motivation. ➤ Creativity. ➤ Communication. ➤ Decision making ➤ Problem Solving 	<ul style="list-style-type: none"> ➤ Demonstration cum lecture method ➤ Guided Discussion ➤ Activity based teaching ➤ Problem solving based learning ➤ 5 E's ➤ Collaborative Learning
Nov	23	REVISION			
December	14	FINAL TERM			

Subject: Sanskrit

दिव्याञ्जलि: - संस्कृत पाठ्यपुस्तक भाग -3

मास	कार्य दिवसों की संख्या	विषयवस्तु	शिक्षण उद्देश्य	शिक्षण विधियां/ गतिविधियां
मार्च	22	<ul style="list-style-type: none">➤ मूर्खः अनुचरः➤ तुलसीपादपस्य आत्मकथा व्याकरण:- शब्दरूपाणि, धातुरूपाणि, प्रत्ययाः (क्त्वा, ल्यप्, तुमुन्)	मूल्य शिक्षा (मूर्ख की संगति का दुष्परिणाम) प्रदान करना। तुलसी की कथा के द्वारा भारतीय आयुर्वेद से छात्रों का परिचय।	प्रत्यय चार्ट का निर्माण। अन्य स्थानीय औषधीय पौधों की जानकारी एकत्रित करना।
अप्रैल	20	<ul style="list-style-type: none">➤ क्रिकेटक्रीडकः-सचिनः तेंदुलकरः➤ नीतिश्लोकाः) श्लोकाः - केवलं गायनाय) व्याकरण:- संख्यावाचि शब्दाः (20-1) चित्र-वर्णनम्	निबंध के माध्यम से सचिन का जीवन परिचय के ज्ञान के साथ -साथ परिश्रम भावना का विकास। श्लोकों के माध्यम से व्यवहारिक मूल्यों को प्रदान करना।	यति, गति, लय के साथ सस्वर श्लोक गायन। संख्या चार्ट का निर्माण। चित्र को देखकर वाक्यों की रचना करना।
मई	23	<ul style="list-style-type: none">➤ नवीन शब्दावली।➤ स्वास्थ्यचक्रम् व्याकरण:- अपठित-अनुच्छेदाः कारकाः उपपदविभक्तयः च। सन्धि-प्रकरणम् दीर्घ, गुण, वृद्धि सन्धिः।	भारतीय आयुर्वेदिक ग्रंथ चरक संहिता से बच्चों का परिचय करवाते हुए दैनिक स्वास्थ्य नियमों से अवगत करवाना। संस्कृत शब्द भंडार के ज्ञान में वृद्धि करना।	विज्ञान विषय के साथ एकीकरण करके स्वास्थ्य वर्धक नियमों का ज्ञान। स्वास्थ्य वर्धक नियमों की सूची बनाना।
जून	15	<ul style="list-style-type: none">➤ अतिलोभः न कर्तव्यः➤ लौहपुरुषः-सरदार वल्लभभाई पटेलः व्याकरण:- अव्ययाः, समय -लेखनम्	छात्रों को लोभ (लालच) न करने की प्रेरणा प्रदान करना। निबंध के माध्यम से श्री पटेल जी के जीवन को जानते हुए उनके जीवन से प्रेरणा लेने के लिए प्रेरित करना।	अव्ययों की सहायता से वाक्य रचना। संस्कृत समय घड़ियों का निर्माण।
जुलाई	14	<ul style="list-style-type: none">➤ पुनर्मूषको भव) चित्रकथा)	चित्र कथा के माध्यम बच्चों को कृतघ्नता न करने की प्रेरणा प्रदान करना।	व्यवहारिक ज्ञान के साथ - साथ नैतिक मूल्य प्रदान करना।

अगस्त	22	<ul style="list-style-type: none"> ➤ दीपावली उत्सवः) शतृ प्रत्ययः(➤ विद्यायाः महत्त्वम् ➤ नवीन-शब्दावली2- <p>व्याकरण:- प्रत्ययाः) क्त ,क्तवतु ,तव्यत् ,शतृ) पत्र लेखनम्</p>	दीपावली उत्सव का पौराणिक महत्व जानना तथा अधर्म पर धर्म की विजय की शिक्षा प्रदान करना। श्लोकों के माध्यम से विद्या के महत्व को जानना।	प्रत्यय चार्ट का निर्माण। अन्य भारतीय उत्सवों की जानकारी एकत्रित करना। मंजूषा की सहायता से पत्र पूर्ति।
सितम्बर	24	<ul style="list-style-type: none"> ➤ दुर्जनः परदोषाणां दर्शने कुशलो महान् ➤ अस्माकं पर्यावरणं प्रदूषणं च <p>व्याकरण:- संख्यावाचि शब्दाः(50-21)</p> <ul style="list-style-type: none"> ➤ सन्धि-प्रकरणम् यण ,अयादि सन्धिः 	छात्रों को बुराई तथा बुरे लोगों से दूर रहने की प्रेरणा प्रदान करना। पर्यावरण के महत्व को जानते हुए पर्यावरण संरक्षण की भावना को जागृत करना।	विज्ञान विषय के साथ एकीकरण करके प्रदूषण के प्रकारों के विषय में चर्चा करना।
अक्तूबर	17	<ul style="list-style-type: none"> ➤ प्रहेलिकाः) केवलं पठनाय(➤ फ्रांसदेशे देवभाषा संस्कृतम् <p>➤ व्याकरण:- अपठित - अनुच्छेदाः</p>	विदेशों में संस्कृत भाषा के गौरव के विषय में जानना। बच्चों में रचनात्मकता का विकास।	हिंदी विषय के साथ एकीकरण करके छात्रों से विभिन्न पहेलियों को पूछना।
नवम्बर	23	पुनराभ्यास		
दिसम्बर	14	वार्षिक परीक्षा		

Subject: Computer

Month	No. of Working Days	Chapter	Content	Learning Outcome	Skill	Teaching Methodology
February & March	32	CHAPTER 1	OpenShot Video Editor	Students will be able to: Understand the basics of video editing, including timeline management, transitions, and effects	Video Editing	Hands-on practice, demonstrations, project-based learning
		CHAPTER 2	Inkscape – Vector Designing	Students will be able to: Learn to create vector graphics, use path tools, and design scalable images	Graphic Designing	Hands-on practice, demonstrations, project-based learning
April	19	CHAPTER 3	Emerging Technologies	Students will be able to: Gain knowledge of AI, IoT, Blockchain, and other upcoming technologies	Research, Analytical Thinking	Group discussions, presentations, research-based activities
May	23	CHAPTER 4	MySQL	Students will be able to: Learn database creation, query handling, and data manipulation	Database Management, SQL Query Writing	Practical sessions, assignments, case studies
June	15	CHAPTER 5	Networking and Digital Citizenship	Students will be able to: Understand networking basics, internet safety, and responsible online behavior	Networking, Cyber Safety	Interactive sessions, simulations, real-world case studies
July	14	CHAPTER 6	Google Sites	Students will be able to: Develop and design fully functional websites using Google Sites	Web Designing, Content Management	Hands-on practice, project work, peer feedback
August	22	CHAPTER 7	App Development - Thinkable	Students will be able to: Create mobile applications using a drag-and-drop interface and understand UI/UX principles	App Development, UI/UX Design	Practical implementation, coding exercises, guided projects
September	23	CHAPTER 8	Python – Looping and Lists	Students will be able to: Implement loops and lists in	Programming, Logical Thinking	Coding exercises, problem-solving tasks,

				Python programming for efficient data processing		hands-on coding
October	16	CHAPTER 9	Data Science – An Introduction	Students will be able to: Understand basic concepts of data science, data handling, and visualization techniques	Data Analysis, Visualization	Case studies, data analysis projects, hands-on exercises
November	23	CHAPTER 10	Future Possibilities of AI	Students will be able to: Explore AI's impact on different industries, ethical concerns, and future trends	AI Awareness, Critical Thinking	Research projects, debates, discussions
December	14	Revision and Final Term	Reinforce knowledge from all chapters and prepare for assessments	Review, Exam Preparation	Revision sessions, quizzes, practice tests	