

# CLASS :IX

## APRIL

SUBJECT	CHAPTER/LESSON/TOPIC	NO. OF PERIODS	LEARNING OUTCOME	ACTIVITY
ENGLISH	LIT: The Fun They Had, The Sound of Music (Part 1,2) Poem-The Road Not Taken, Supp Reader-The Lost Child .Grammar – Tenses Writing Skills- Descriptive Paragraph (person,event,situation)	The Fun They Had-3 The Sound of Music (Part 1)-3 The Sound of Music (Part 2)-3 Poem=The Road Not Taken,-3 The Lost Child .3 Tenses,-3 Descriptive Paragraph (person,event,situation)-3	Developing Critical Thinking Proficiency in Speaking	Group Activity- Ask each group to annotate the text, highlighting the key messages in the text about the future of education which will become computerised and estranged from social interactions. Group Discussion about choices in life
HINDI	क्षितिज : पाठ-1 : दो बैलों की कथा , पाठ-9 साखियाँ व सबद, व्याकरण : उपसर्ग व प्रत्यय	पाठ-1 : दो बैलों की कथा-8 पाठ-9 साखियाँ व सबद-8 उपसर्ग व प्रत्यय-7	भाषिक कौशलों का विकास	दोहा वाचन / गायन प्रस्तुति
SANSKRIT	मणिका प्रथमो भाग:-प्रथम:पाठ:-अविवेकः परमापदां पदम् अनुप्रयुक्त-व्याकरणम्(मणिका अभ्यास पुस्तकम् प्रथमो भागः) -धातुरूपाणि - भू नम् ,गम् -(पञ्चसु ,लकारेषु) स्वर -सन्धि- दीर्घ, गुण शब्दरूपाणि - बालकवत्,लतावत्,फलवत् प्रत्यय-क्त्वा, तुमुन् ,उच्चारणस्थानानि	प्रथम:पाठ:-6 धातुरूपाणि -2 शब्दरूपाणि -2 स्वर -सन्धि-3 प्रत्यय-3 उच्चारणस्थानानि, पुनरावृत्ति:-4	बौद्धिक क्षमता का विकास	कथा वाचन व लेखनम् , परियोजना कार्य

<b>MATHS</b>	Chapter-1 Number System (Rational and Irrational numbers, Representation of real numbers on number line, Real numbers and their decimal expansions, Operation on Real numbers, Laws of Exponents)	15	Students are able to classifying real numbers, proving their properties and using them in different situations.	Number Activity/ Construction of Square root Spiral
	Chapter-2 Polynomials (Polynomials and their types, Degree and zeroes of a polynomial, Factor theorem)	10		Factise Quadratic Polynomial through an Activiyy
<b>SCIENCE</b>	Physics- Ch-7: Motion (Topics-Distance, displacement, speed, velocity, uniform & non uniform motion, graphical representation of motion)	8	Physics: To enable students define kinematics, motion and rest and to differentiate motion and rest and produce motion and explain their demonstrations regarding motion and rest. -give example of moving boy life.  Chemistry: - Explain the forces of attraction between the particles of matter and describe the effect of temperature on matter.. -List out the characteristics of particles of matter and explain the states of matter.  Biology: Recall about the discovery of cell -Understand and appreciate the importance of cell -Explain the structural organization of a cell -Differentiate between Prokaryotic and Eukaryotic cells -Explain the structure and number of chromosomes in humans -Explain the structure and functions of plasma membrane, cell wall, nucleus and other Cell organelles.	Physics: To represent State of rest and state of motion graphically.
	Chemistry- Ch-1 Matter in our surroundings. Matter-Nature and Behaviour (Topics-Definition of matter; solid, liquid and gas; characteristics - shape, volume, density; Topic- Change of state melting (absorption of heat), freezing, evaporation (cooling by evaporation), condensation, sublimation.)	8		Chemistry: Activity- Practical activity 5 as per syllabus. -Quiz
	Biology-Ch-5:The Fundamental Unit of Life Topics-What are living organisms made up of?, Structural organization of a cell, Plasma membrane, Cell Wall, Nucleus, Cytoplasm-Cell Organelles;	8		Biology: 1.Practical: Practical activity 1 as per syllabus. 2.To study the process of osmosis(using raisins) 3.Art Integrated activity Prokaryotic Cell

<p style="text-align: center;"><b>SST</b></p>	<p><b>HISTORY:</b> - CHAPTER-1 (THE FRENCH REVOLUTION)  <b>ECO:</b> -CHAPTER-1 (THE STORY OF VILLAGE PALAMPUR)  <b>GEO:</b> - CHAPTER:1 (INDIA SIZE AND LOCATION)  <b>CIVICS:</b> - CHAPTER- 1 (WHAT IS DEMOCRACY? WHY</p>		<p><b>HIS.</b>-*Familiarize with the names of people involved, the different types of ideas that inspired the revolution, the wider forces that shaped it.  .*Know the use of written, oral and visual material to recover the history of revolutions.  <b>Eco</b>-*Familiarize with basic economic concepts . through an imaginary story of a village.  <b>Geo</b>- *Identify the location of India in the Indian subcontinent  <b>Civ</b>.*Develop conceptual skills of defining democracy.  • Understand how different historical processes and forces have promoted democracy.  • Develop a sophisticated defence of democracy against common prejudices.  • Develop a historical sense of the choice and nature of democracy in India.</p>	<p><b>His</b>-* Political symbols / Flowchart  <b>Eco</b>-*Pictorial representation, (traditional &amp; Modern farming)  <b>Geo</b>-* Map Skill.  <b>Civ</b>-A map showing democratic and non-democratic countries.</p>
<p style="text-align: center;"><b>AI</b></p>	<ol style="list-style-type: none"> <li>1. Self Management Skill-1</li> <li>2. Entrepreneurship Skill-1</li> <li>3. Introduction to AI</li> </ol>	<p style="text-align: center;">2 4 3</p>	<p>Student learnt how to manage.  Student get motivated after knowing qualities of Entrepreneur.  Identify and appreciate Artificial Intelligence and describe its applications in daily life.</p>	<p>Game 1: Rock Paper Scissor  Game 2: Emoji Scavenger  Game 3: Animal Mystery</p>

<b>IT</b>	1. Self Management Skill-1 2. Entrepreneurship Skill-1	2 5	Student learnt how to manage. Student get motivated after knowing qualities of Entrepreneur. Identify and appreciate	
<b>FMS</b>	1. Communication Skillsl- 4. Introduction to FMM	3 3	Students b able to know the importance as well the barriers to communication. -Money- Introduction and its history.	Communication Skills Activity.

## MAY

SUBJECT	CHAPTER/LESSON/TOPIC	NO. OF PERIODS	LEARNING OUTCOME	ACTIVITY
<b>ENGLISH</b>	LIT: The Little Girl , Poems-Wind  Supp Reader: The Adventures of Toto. Ishwaran the Storyteller .Grammar- ,Tenses, Sub-verb concord. Writing Skills- Descriptive Paragraph-Contd,  <b>Periodic Test 1</b>	LIT: The Little Girl -3  Poems-Wind -2  The Adventures of Toto -3  Ishwaran the Storyteller-3 Tenses-2  Sub-verb concord-4  Descriptive Paragraph-contd,	Enhancing Writing Skills  Developing Listening skills for specific Information  Learning Life skills	Listening Skills Activity  Weave a story on the 'Bonding between Animals and Humans'.
<b>HINDI</b>	क्षितिज : पाठ-2 : ल्हासा की ओर, पाठ-10 वाख व्याकरण : समास लेखन : संवाद लेखन, ई मेल लेखन, अपठित गद्यांश	पाठ-2 : ल्हासा की ओर- 7, पाठ-10 वाख- 5 व्याकरण : समास-4 लेखन - संवाद लेखन-3 ई मेल लेखन-3 अपठित गद्यांश-2	प्रकृति का मानव-जीवन पर प्रभाव	तकनीकी माध्यम द्वारा प्रस्तुतिकरण, पी.पी.टी.

<b>SANSKRIT</b>	<p>द्वितीयःपाठः - पाथेयम् तृतीयः पाठः -विजयतां स्वदेशः  अनुप्रयुक्त- व्याकरणम् -  अव्ययानि(अत्र,तत्र ,अन्यत्र ,सर्वत्र ,यत्र,एकत्र उभयत्र  ,यदा,तदा,सर्वदा,एकदा,पुरा,अधुना,अद्य श्वः,हयः,किं कुत्र,कति कदा कुतः ,कथं ,किमर्थं  ,च,अपि,यदि,तर्हि,यथा,तथा,सम्यक् ,एव )  रचनात्मकं कार्यम् -  औपचारिक-अनौपचारिक -पत्रलेखनम्</p>	<p>द्वितीयःपाठः -7  तृतीयः पाठः -7  अनुप्रयुक्त- व्याकरणम् -4  रचनात्मकं कार्यम् -2  पुनरावृत्तिः-2</p>	<p>श्लोकोच्चारण गायन में दक्षता एवं  परोपकार,  दान,परिश्रम,देशभक्ति की भावना उत्पन्न होना</p>	<p>श्लोकोच्चारण  मौलिक लेखन-देश प्रेम</p>
<b>MATHS</b>	<p>Chapter-2 Polynomials (cont.) Algebraic Identities  Chapter-3 Coordinate Geometry (Cartesian System, Plotting of points in cartesian plane)</p>	<p>10  5</p>	<p>Students are able to identify polynomials among algebraic expressions and factorises them by applying appropriate algebraic identities.  Students are able to find the co-ordinates of objects(eg-lamp on a table, cross streets) in real life situations</p>	<p>Art Integrated Activiy: Making Foldable on formulas of Algebraic Identities  To locate the position of 5 students of a class.</p>

<b>SCIENCE</b>	<p>Physics- Ch-7: Motion (continued), Newton equations of motion(Numericals), uniform circular motion)</p> <p>Chemistry- Ch-2 Is matter around us pure? Topics: Meaning of pure substance;Types of pure substance:elements &amp; compounds; What is a mixture?; What is a solution?</p> <p>Biology- Ch-5:The Fundamental Unit of Life(continued) Topic: Cell Organelles; Cell Division.</p>	8 6 7	<p>Physics: Students will be able to -Numerical problems related to the equations of motion.</p> <p>Chemistry:-Students will be able to: - Define different types of mixtures &amp; compare their properties. - Define solute &amp; solvent and understand the concept of concentration of solution in terms of mass.</p> <p>Biology:-Explain the structure and functions of various cell organelles. -Compare and contrast plant and animal cells -Understand and compare different types of cell division.</p>	<p>Physics:To study the equations of motion graphically and determine the distance and speed in uniform circular motion.</p> <p>Chemistry- To do the practical activity no.1 &amp; 2 as per the syllabus.</p> <p>Biology- -Plant and animal cell (Diagram/Sketch). Quiz</p>
<b>SST</b>	<p><b>HISTORY:</b> - CHAPTER-1 (THE FRENCH REVOLUTION) (CONT)</p> <p><b>ECO:</b> -CHAPTER-1 (THE STORY OF VILLAGE PALAMPUR) (CONT..)</p> <p><b>CIVICS:</b> - CHAPTER-2 (CONSTITUTIONAL DESIGN)</p>		<p>Civ-* Introduction to the process of Constitution making. *Develop respect for the Constitution and appreciation for Constitutional values, *Recognise that Constitution is a living document that undergoes changes.</p>	<p><b>Civ- Drawing of*Preamble of ndia</b></p>
<b>AI</b>	<p>1. Introduction to AI (contd.)</p> <p>2. Applications of AI</p>	4 5	<p>Students come to know about use of AI in day to day life.</p>	<p>To make layout of Smart Home</p>
<b>IT</b>	<p>Introduction of Electronic Spreadsheet</p>	3	<p>Students come to know about the introduction of Spreadsheet application</p>	<p><b>Identify the Parts of Spreadsheet, Rows &amp; Columns</b></p>

<b>FMS</b>	1.Communication Skills- Contd.	2	What is required in public speaking.	Currency of various country -Activity
	2.Money-Exchange System 3.Key Characteristics of Money-	5	Money As a medium of exchange,Use of Currency As a money.	

# JULY

<b>SUBJECT</b>	<b>CHAPTER/LESSON/TOPIC</b>	<b>NO. OF PERIODS</b>	<b>LEARNING OUTCOME</b>	<b>ACTIVITY</b>
<b>ENGLISH</b>	<p>LIT: A Truly Beautiful Mind, The Snake and the Mirror Poem-the Rain on the Roof, The Lake Isle of Innisfree. Supp Reader: In the kingdom of Fools ..Grammar- Reported Speech Commands &amp; Requests, Statements Questions.</p> <p>Writing Skills- Story Writing</p>	<p>A Truly Beautiful Mind-3</p> <p>The Snake and the Mirror-3</p> <p>Poem--The Rain on the Roof-3 The Lake Isle of Innisfree-3</p> <p>In the kingdom of Fools-3 .</p> <p>Reported Speech Commands &amp; Requests, Statements Questions. -7</p> <p>Story writing -3</p>	<p>Expressions of thoughts Developing speaking skills</p> <p>Developing presentation Skills and collaborative work.</p>	<p>Enactment (Group Activity) General Discussion about Materialistic world and emotions</p>
<b>HINDI</b>	<p>क्षितिज : पाठ-3 : उपभोक्तावाद की संस्कृति, पाठ-11 सवैये कृतिका : पाठ-1 : इस जल प्रलय में व्याकरण : अर्थ की दृष्टि से वाक्य भेद लेखन : लघु कथा लेखन, पत्र-लेखन (औपचारिक पत्र/अनौपचारिक पत्र)</p>	<p>पाठ-3 : उपभोक्तावाद की संस्कृति-5 पाठ-11 सवैये-4 पाठ-1 : इस जल प्रलय में-5 व्याकरण : अर्थ की दृष्टि से वाक्य भेद-3 लेखन : लघु कथा लेखन-3 पत्र-लेखन-(औप</p>	<p>तर्कशक्ति और चिंतन-मनन का विकास, सच्चे धर्म की पहचान, सृजनात्मक एवं मौलिक अभिव्यक्ति को प्रोत्साहन</p>	<p>अधिन्यास-पत्र, कहानी लेखन</p>

		चारिक पत्र/अनौपचारिक पत्र)-4		
<b>SANSKRIT</b>	<p>चतुर्थः पाठः-विद्यया भान्ति सद्गुणाः  अनुप्रयुक्त- व्याकरणम् -  कारक-उपपदविभक्तयः-  द्वितीया -समया/निकषा,प्रति  ,विना,परितः,उभयतः  ,तृतीया -सह,समम् ,सार्धम्, विना ,अलम्,  हीन  चतुर्थी-रुच, दा(यच्छ),नमः,कुप् ,अलम्  (सामर्थ्ये)  पञ्चमी - विना, बहिः, भी,रक्ष  षष्ठी -उपरि,अधः,पुरतः,  पृष्ठतः,वामतः,दक्षिणतः  सप्तमी - स्निह, विश्वस्, निपुण,कुशल  धातुरूपाणि - अस् ,प्रच्छ-(पञ्चसु  ,लकारेषु)  शब्दरूपाणि -कविवत् ,नदीवत्  स्वरसन्धि- वृद्धि,यण्,अयादि अपठित  अवबोधनम्</p>	<p>चतुर्थः पाठः-8  अनुप्रयुक्त-  व्याकरणम् -7  पुनरावृत्तिः-6  अपठित  अवबोधनम्-2</p>	नैतिक मूल्यों का विकास	अधिन्यास पत्र ,सूक्तिलेखनम्
<b>MATHS</b>	<p>Chapter- 4 Linear Equations in two Variables (linear equations and their solutions and graphs)  Chapter- 5 Introduction to Euclid's Geometry (Euclid's Definitions, Axioms and Postulates)  Chapter-6 Lines and Angles (Linear Pair of angles, Vertically Opposite angles, Angles made by parallel lines)</p>	<p>10  5  10</p>	<p>Graphical representations of a linear equation in one or two variables and applies the concept to daily life situations.</p> <p>Prove results on Linear pair of angles,vertically opposite angles</p> <p>• Prove results on corresponding angles, alternate angles,interior angles when a transversal intersect two parallel lines.</p>	<p>To Find coordinates of points where the graph of a linear equation intersects X axis and Y axis graphically.</p> <p>Power point Presentation on Euclid's Geometry.</p> <p>To verify that vertically Opposite angles are equal when two lines intersect each other.</p>



<b>SCIENCE</b>	<p><b>Physics</b>- Ch-8: Force and laws of motion Topics-Force, balanced and unbalanced forces, Galileo's observations, Newton's first law of motion, Inertia and types of inertia.(Linear momentum, Newton's 2nd law of motion with illustrations,</p> <p><b>Chemistry</b>-Ch-2 (Contd.)-Define suspension and properties of suspension -Define colloidal solution and properties of colloidal solution. Topic- Physical and chemical changes.</p> <p>Ch-3.Atoms and Molecules (Introduction) Topics-Laws of Chemical Combination, Dalton's Atomic Theory</p> <p><b>Biology</b>- Ch-6: Tissues Topics-Are plants and animals made of same type of Tissues?; Meristematic Tissue, Permanent Tissue-its types simple and complex; Animal Tissues-Epithelial and connective tissues.</p>	9 8 9	<p><b>Physics:</b> Define force, its unit and its effects. -Differentiate balanced and unbalanced force - Explain first law of motion.</p> <p><b>Chemistry:</b> - --Define suspension and properties of suspension -Define colloidal solution and properties of colloidal solution. -To understand the difference between a physical and a chemical change. -Classify different examples as physical or chemical change -To critically examine the particles which produce matter - Explain law of conservation of mass and constant proportions with examples.</p> <p><b>Biology:-</b> -Differentiate between different types of plant tissues. -Construct a flow chart to show the different types of epithelial tissues and distinguish between the various types of connective tissues.</p>	<p><b>Physics:</b> To demonstrate inertia of rest, inertia of motion and inertia of direction through an activity.</p> <p><b>Chemistry:</b> Practical activity 3 (Identify physical and chemical changes)</p> <p><b>Biology:</b> -Concept map of plant and animal tissues. -Practical Activity- To identify parenchyma, collenchyma and sclerenchyma tissues in plants</p>
<b>SST</b>	<p><b>ECO</b>.-CHAPTER 2 (PEOPLE AS A RESOURCE) <b>HISTORY:</b> - CHAPTER-2 (SOCIALISM IN EUROPE AND THE RUSSIAN REVOLUTION. <b>GEO:</b> - CHAPTER- 2 (PHYSICAL FEATURES OF INDIA)</p>		<p><b>Eco</b>• Understand the demographic concept. • Understand how population can be an asset or a liability for the nation. <b>His</b>•*Explore the history of socialism through the study of Russian Revolution . *Familiarize with the different types of ideas that inspired the revolution <b>Geo</b>•*Understand the</p>	<p><b>Eco-Worksheet- open book test or Mind Map</b> <b>His</b>•* Word Search. <b>Geo</b>•*Crossword Puzzle or Map Activity ( locating of physical features )</p>

			major landform features and the underlying geological structure.	
<b>AI</b>	AI Ethics AI Project Cycle- Problem Scoping	4 4	Able to describe some ethical concerns of AI with respect to inclusion, bias, and Privacy Describe, explain and apply the different stages in project cycle	Smart Home To make 4W's Problem Scoping Canvas
<b>IT</b>	Spreadsheet Contd...	5	Students are able to know the uses of Formula & functions	
<b>FMS</b>	2. Self Management Skills 3.Key Characteristics of Money- 4. What is Financial Planning ?	9	Able to know about their strength & weakness and role of positive thinking. -Role of financial Plan	Self management activity.

# AUGUST

SUBJECT	CHAPTER/LESSON/TO PIC	NO. OF PERIODS	LEARNING OUTCOME	ACTIVITY
<b>ENGLISH</b>	Lit: My Childhood  Poem-A Legend of the Northland Supp. Reader-,The Happy Prince. Grammar-Subject-Modals Writing Skill-Diary Entry.	My Childhood-3 A Legend of the Northland-3 Supp. Reader- The Happy Prince-3, Modals-5.  Writing Skill-Diary Entry-3	Identifies and appreciates significant literary elements and themes	Describe one of your childhood activities.

<p><b>HINDI</b></p>	<p>क्षितिज : पाठ-12 कैदी और कोकिला कृतिका : पाठ-2 मेरे संग की औरतें, व्याकरण: अलंकार शब्दालंकार- अनुप्रास अलंकार, यमक अलंकार अर्थालंकार उपमा अलंकार, रूपक अलंकार लेखन : अनुच्छेद लेखन, सूचना लेखन अपठित पद्यांश</p>	<p>पाठ-12 कैदी और कोकिला-4 पाठ-2 मेरे संग की औरतें-5 व्याकरण: अलंकार शब्दालंकार- अनुप्रास अलंकार-2 यमक अलंकार-2 अर्थालंकार उपमा अलंकार-2 रूपक अलंकार-2 सूचना लेखन-2 अपठित पद्यांश-2</p>	<p>स्त्री अस्मिता का बोध</p>	<p>देशभक्ति पर आधारित कविता लेखन, उन महिलाओं की सूची जिन्होंने स्वतंत्रता संग्राम में महत्वपूर्ण भूमिका निभाई</p>
<p><b>SANSKRIT</b></p>	<p>पञ्चमःपाठः- कर्मणा याति संसिद्धिम् अनुप्रयुक्त- व्याकरणम् - धातुरूपाणि - सेव् , लभ् , रुच् -(लट् -लृटलकारयोः) शब्दरूपाणि -साधुवत् संख्या -(1 से 100 ) (1-4 केवलं प्रथमा-विभक्तौ )  रचनात्मकं कार्यम् - चित्राधारितं वर्णनम्/ अनुच्छेदलेखनम्, संवाद पूर्तिः /कथा पूर्तिः</p>	<p>पञ्चमःपाठः- 6 अनुप्रयुक्त- व्याकरणम् -8 रचनात्मकं कार्यम् - 5 पुनरावृत्तिः- 5</p>	<p>कर्म करने की ओर अग्रसर होना</p>	<p>कर्म विषये आशुभाषणम्</p>
<p><b>MATHS</b></p>	<p>Chapter- 7 Triangles (Congruence of Triangles, Criteria for Congruence of Triangles, Tsosceles Property of Triangles ) Chapter- 8 Quadrilaterals (Angle sum property of a Quadrilateral, its types, properties of a parallelogram, Mid point theorem and its converse)</p>	<p>18  7</p>	<p>Describe congruent triangles</p> <ul style="list-style-type: none"> <li>List the five criterias for the congruence of triangles (SAS) ,(ASA) , (AAS),(SSS) , (RHS)congruence rules.</li> </ul> <p>Explain the non-criteria for the congruence of triangles.</p> <p>Describe the types of quadrilaterals and their properties</p> <ul style="list-style-type: none"> <li>Prove the angle sum property of quadrilaterals</li> </ul>	<p>To verify ASA Congruence rule.</p> <p>To verify Mid Point Theorem</p>

			<ul style="list-style-type: none"> <li>• Describe the types of parallelograms and their Properties.</li> <li>• Prove that the diagonal of a parallelogram divides it into two congruent triangles</li> </ul>	
<b>SCIENCE</b>	<p>Physics-Physics- Ch- 8: Force and laws of motion (continued), Newton's 3rd law of motion with examples, Law of conservation of momentum with applications)</p> <p>Ch-9: Gravitation: Topic:Newton's universal law of gravitation, importance this law, Gravitation and Newton's third law of motion.</p> <p>Chemistry- Ch-3.Atoms and Molecules. Topics- Dalton's symbols of elements.Atomic mass, Molecule, Valency, Writing chemical formulae of compounds.</p> <p>Biology- Ch-6: Tissues Topics- Muscular tissues, Nervous tissue -Ch-12 Improvement in food resources.(Introduction) -Revision</p>	8 6 9	<p>Physics: -Illustrations of third law of motion.Knowledge of momentum. -Concept of law of conservation of momentum. Numerical problem related to the above topic. Understand the importance of newton's universal law of gravitation.</p> <p>Chemistry:- To learn the postulates of Dalton's atomic theory. - Recall the symbols of different element. -To extend the knowledge of atomic mass unit to the atomic masses calculated with its help.-Define and understand the meaning of a molecule and an ion.-Generate the chemical formulae of compounds using their valencies</p> <p>Biology: -Differentiate between 3 types of muscular tissue. Identify the different parts of a neuron and their function in the transmission of a nerve impulse.</p>	<p>Physics: -To demonstrate third law of motion. -To verify the law of conservation of momentum through an activity.</p> <p>Chemistry: Making tables of 1.Elements and their symbols 2. Ions and their symbols. -Verification of the law of conservation of mass in a chemical reaction.</p> <p>Biology: Practical- 1.To identify striped,smooth and cardiac muscle fibers and nerve cells in animals, from prepared slides and draw their labeled diagrams. 2.Diagram/sketc</p>

				h of 3 types of muscular tissue
<b>SST</b>	<p><b>HISTORY:</b> -CHAPTER-3 (NAZISM &amp; RISE OF HITLER).</p> <p><b>GEO.</b>-CHAPTER-3 (DRAINAGE)</p> <p><b>CIVICS:</b> - CHAPTER -3 (ELECTORAL POLITICS)</p> <p><b>ECO.</b>-CHAPTER 2 (PEOPLE AS A RESOURCE) (Cont..)</p> <p><b>GEO:</b> -CHAPTER- 5 (NATURAL VEGETATION AND WILDLIFE).</p>		<p><b>His</b>-Discuss the critical significance of Nazism in shaping the politics of the modern world. * Get familiarized with the speeches and writings of Nazi Leaders.</p> <p><b>Geo</b>-Identify the river systems of the country and explain the role of rivers in human society..</p> <p><b>Civ</b>-*Introduce the idea of representative democracy via competitive party politics .*Familiarise with our electoral system and reasons for adoption of the present Indian Electoral System. *Develop an appreciation of citizen's increased participation in electoral politics. * Recognise the significance of the Election Commission.</p> <p><b>Geo</b>:-Explain the nature of diverse flora and fauna as well as their distribution. *Develop concern about the need to protect the biodiversity of our country.</p>	<p><b>His</b>-*Learning is fun- By drawing a Pyramid</p> <p><b>Geo</b>-*Identificati on of river patterns or Crossword Puzzles.</p> <p><b>Civ</b>-*Symbols, names &amp; Slogan of Political parties of India on a 4 sheet.</p> <p><b>Geo</b>:-Interdiscipl inary Project</p>
<b>AI</b>	AI Project Cycle- Data Acquisition Data Exploration ICT Skill- I	6  2	<p>Enquire about and state the problem for the project cycle and create a system map</p> <p>Understand different ways for data acquisition and interpretation through graphs and visuals</p>	Letter to future Self System Map Data Visualization
<b>IT</b>				

<b>FMS</b>	3.Information and communication Technology Skills 5. What is Income? 6. What is Expenses?	10	-Students are able to do basic Computer operation and Networking. - identify the contents lying in income and expenses.	IT skills Activity
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# SEPTEMBER

SUBJECT	CHAPTER/LESSON/TOPIC	NO. OF PERIODS	LEARNING OUTCOME	ACTIVITY
<b>ENGLISH</b>	Lit: Revision Supp Reader : Revision, Grammar- Reported Speech contd....(Revision) Writing Skill : Revision	Revision-15		
<b>HINDI</b>	पुनरावृत्ति	पुनरावृत्ति-15	सृजनात्मक एवं मौलिक अभिव्यक्ति को प्रोत्साहन	अधिन्यास पत्र, कक्षा-परीक्षा, (मौखिक/लिखित)
<b>SANSKRIT</b>	पुनरावृत्ति:-पूर्वप्रथमसत्रीय- परीक्षाये	पुनरावृत्ति:-15	दक्षता की जांच	कक्षा परीक्षा
<b>MATHS</b>	Chapter- 8 Quadrilaterals (cont.)  Revision (Chapter-1,2,3, 4,5, 6,7,8)	5	Prove that if each pair of opposite sides and angles of a quadrilateral is equal, then it is a parallelogram	

• Prove that if diagonals of a quadrilateral bisect each

other, then it is a parallelogram

Prove the mid-point theorem and its converse

To do practice of all important topics

To do practice of all theorems of ch-6,7

To learn all formulaes of ch-1,3,4,12,14

Clear the doubts of students

discuss the difficult topics

<p><b>SCIENCE</b></p>	<p>Physics- Physics- Ch-10 Gravitation (continued), Topic: Kepler's laws of planetary motion, Free fall and acceleration due to gravity, Mass and weight , Weight of an object on surface of moon, Thrust and Pressure, Archimede's Principle</p> <p>Chemistry- Ch-3- Atoms and Molecules (continued); Topic: Molecular mass, REVISION</p> <p>Biology- Ch-12 Improvement in food resources.(Till-Crop variety improvement) Revision for Half Yearly Exams</p>	<p>4</p> <p>2</p> <p>4</p>	<p>Physics- To differentiate between g and G; mass and weight. -Calculate quantities using equations of motion during a free fall. -To evaluate the numerical value of g at different places like earth and moon. -Calculate the weight of given object on moon and earth.</p> <p>Chemistry: -Calculate molecular masses of different compounds.</p> <p>Biology: Explain various factors for which crop variety improvement is done.</p>	<p>Physics: To determine the density of a solid denser than water. -To study the relation between the force and the weight of the liquid displaced by the body.</p> <p>Chemistry: Videos/PPTs showing different models of structure of atom.</p> <p>Biology- Quiz- Chapter 6.</p>
<p><b>SST</b></p>	<p><b>GEO:</b> - CHAPTER 4 (CLIMATE)</p> <p><b>ECO:</b> - CHAPTER: 3 (POVERTY AS A CHALLENGE)</p> <p><b>REVISION</b> OF HALF YEARLY SYLLABUS</p>		<p><b>Eco</b>-* Understand poverty as a challenge. * Identify vulnerable group and interstate disparities. *Appreciate the initiatives of the government to alleviate poverty</p>	<p><b>Eco</b>- *Draw or paste the logos of anti-poverty measures and also mention their features.</p>
<p><b>AI</b></p>	<p>Revision of Half Yearly Syllabus- Self Managment Skill Entrepreneurship Skill ICT Skill Introudction to AI and AI Ethics AI Project Cycle upto Data Exploration</p>			



IT				
FMS	3.Information and communication Technology Skills-Contd. 4: Entrepreneurship Skills  Unit 7: What is Bank? Unit 8: Why Save?	10	Students be able to -know about the Entrepreneurship and its role. -Need of saving and saving institutions	Activity for identifying the qualities of a successful Entrepreneur

# OCTOBER

SUBJECT	CHAPTER/LESSON/TOPIC	NO. OF PERIODS	LEARNING OUTCOME	ACTIVITY
ENGLISH	Ch- Reach for the Top Supp.Reader-The Last Leaf Grammar-Determiners Revision on ,Modals Writing skills Descriptive Paragraph	Ch- Reach for the Top-3  The Last Leaf-3  Grammar-Determiners=4  Writing skills  Descriptive Paragraph(Revision)-3	Read Comprehends and responds to complex texts independently.	Speech on any achievers journey towards success
HINDI	क्षितिज : पाठ-4 साँवले सपनों की याद  पाठ : 13 - ग्राम श्री  पाठ : 15 - मेघ आए	पाठ-4 साँवले सपनों की याद -5 पाठ : 13 - ग्राम श्री-8 पाठ : 15 - मेघ आए -6	पर्यावरण-संरक्षण तथा जीव-जंतुओं के प्रति सहानुभूति	चित्रात्मक प्रस्तुति, लुप्त पक्षियों का कोलाज बनाना
SANSKRIT	षष्ठः पाठः-तत् त्वम् असि अनुप्रयुक्त- व्याकरणम् - धातुरूपाणि - कृ ,ज्ञा-(पञ्चसु ,लकारेषु) शब्दरूपाणि - हलन्त -भवत् , सर्वनाम शब्द -अस्मद् ,युष्मद् प्रत्ययाः -ल्यप् ,शतृ व्यञ्जन सन्धिः-वर्गीयप्रथमवर्णस्य तृतीय वर्ण परिवर्तनम्,,	षष्ठः पाठः-6 अनुप्रयुक्त-व्याकरणम् -8 पुनरावृत्तिः-4	आत्मज्ञान से सत्य की ओर अग्रसर होना	योगः-अनुच्छेदस्य लेखनम्

	म् स्थाने अनुस्वारः			
<b>MATHS</b>	Chapter- 9 Circles (circle and its related terms, Angle subtended by a chord, Perpendicular from centre to a chord, Equal chords, cyclic Quadrilaterals)	17 5	<p>Students are able to define circle, various terms, such as centre, circumference, radius, chord, diameter, arc, segment and sector.</p> <ul style="list-style-type: none"> <li>Describe various areas covered by a circle on a plane. Define the congruent arcs of a circle and their properties.</li> </ul> <p>Describe the properties of cyclic quadrilaterals. concyclic points</p> <p>students are able to prove equal chords of a circle subtend equal angles at the centre and its converse</p> <p>Students are able to find area of triangles in real life situations by using Heron's formula</p>	<p>To verify that equal chords of a circle subtends equal angles at the centre.</p> <p>To find area of a triangular object (eg: set square or tile or umbrella or kite ) using Heron's Formula.</p>
	Chapter-10 Heron's Formula (Area of a triangle)			
<b>SCIENCE</b>	<p>HALF YEARLY EXAMS Physics- Chapter- 10 Work &amp; Energy Topics- Work done by a constant force, Forms of energy- Kinetic and potential energy Expression for Kinetic Energy and potential energy</p> <p>Chemistry: Chapter- 4: Structure of the atom. Topics: Discovery of electron, proton and neutrons, Thomson model, Rutherford's model.,.</p>	6 6 8	<p>Physics: Students will be able to Identify and list different types of energy. Expression of KE and PE understand different types of energy.</p> <p>Chemistry:--Understand that atoms are not indivisible particles as they have subatomic particles in them.</p> <ul style="list-style-type: none"> <li>-Compare the two models and conclude that atom has a positively charged centre.</li> <li>-To interpret that electrons revolve around the nucleus in discrete orbits.</li> <li>-Construct the atomic structure of an atom with its various shells.</li> <li>-Illustrate the occurrence of</li> </ul>	<p>Physics: To determine if potential energy possessed by an object depend upon its position or configuration.</p> <p>Chemistry: To build static model of electron distribution in atoms in different orbits of first eighteen atoms.</p> <p>-Quiz</p>

	Biology- Chapter- 12 Improvement in food resources (continued).		<p>electrons in K,L,M and N shells-State the rules of distribution of electrons in different shell. -Evaluate the valency of different elements ,given their atomic no.</p> <p>Biology: - Differentiate between Manure and Fertilizers. Explain various ways of irrigation and cropping patterns. Explain protection from pests and diseases; Organic farming.Explain animal husbandry.</p>	Biology: To visit IARI website and enlist various improved varieties of crops/ Fruits etc.
<b>SST</b>	<p><b>GEO:</b> - CHAPTER 4 (CLIMATE) (Cont..)</p> <p><b>HISTORY:-</b>CHAPTR-5 (PASTORALISTS IN THE MODERN WORLD.)</p> <p><b>ECO:</b> - CHAPTER: 3 (POVERTY AS A CHALLENGE)</p>		<p><b>Geo-</b>Identify various factors influencing the climate and explain the climatic variation of our country and its impact on the life of the people. * Explain the importance and unifying role of monsoons.</p> <p><b>His-</b>Analyze the impact of modern states, marking of boundaries, processes of sedentarization, contraction of pastures, and expansion of markets on pastoralism in the modern world.</p> <p><b>Eco-</b>* Understand poverty as a challenge.* *Identify vulnerable group and interstate disparities. *Appreciate the initiatives of the government to alleviate poverty.</p>	<p><b>Geo-</b>*Scrap file/PPT on= migratory birds visiting India.</p> <p><b>His:-</b>Interdisciplinary Project.</p>
<b>AI</b>	Modelling - AI, ML, DL Neural Network Introduction to Python	2 4	Model and evaluate the problem for the project cycle Able to develop an understanding of Neural Networks	Python Programs

<b>IT</b>				
<b>FMS</b>	4: Entrepreneurship Skills-Contd. Ch.9: Setting Goals Ch.10.: Systematic Savings and Investments	10	Students be able to -Entrepreneurship Development Process -know about various Systematic Savings and Investments	Entrepreneurship Skills Activity

# NOVEMBER

SUBJECT	CHAPTER/LESSON/TOPIC	NO. OF PERIODS	LEARNING OUTCOME	ACTIVITY
<b>ENGLISH</b>	LIT-Poetry –No Men Are Foreign, On Killing A Tree Supp. Reader- A House is not a Home  Grammar-REVISION  Writing Skill-Revision on Story writing & Diary Entry	Reader- No Men Are Foreign.-3  On Killing a Tree=3  A House is Not a Home-3  Revision on Story Writing &  Diary Entry--4	Students were able to know that a thought of war can only be defeated by a thought of peace	Write a paragraph in about 100-120 words on 'Global Brotherhood'.  Collage Making  Reading and collecting articles on Saving Trees
<b>HINDI</b>	क्षितिज : पाठ-6 प्रेमचन्द के फटे जूते, कृतिको : पाठ-3 रीढ़ की हड्डी  पुनरावृत्ति :	पाठ-6 प्रेमचन्द के फटे जूते-8 कृतिको : पाठ-3 रीढ़ की हड्डी-7  पुनरावृत्ति : 10	दिखावे एवं अवसरवाद की प्रवृत्ति से अवगत कराना लैंगिक भेदभाव की समाप्ति की और उन्मुख करना तथा जागरूकता में वृद्धि	पोस्टर मेकिंग, कक्षा-परीक्षा (मौखिक/लिखित)



	Husbandry- Bee Keeping			
<b>SST</b>	<p><b>CIVICS:</b> - CHAPTER: -4 (WORKING OF INSTITUTIONS)</p> <p><b>HISTORY:</b>-CHAPTER-4(FOREST SOCIETY AND COLONIALISM)</p> <p><b>ECO:</b>-CHAPTER-4(FOOD SECURITY IN INDIA)</p> <p><b>CIVICS:</b>-CHAPTER-5 (DEMOCRATIC RIGHTS.</p>		<p><b>Civ:</b>-Get an overview of central governmental structures. *Identify the role of Parliament and its procedures. * Understand the working of Indian Judiciary. <b>His</b>-Discuss the social and cultural world of forest communities through the study of specific Revolts. *Understand how oral traditions can be used to explore tribal revolts. *Highlight varying patterns of developments within pastoral societies in different places. *Analyze the impact of colonialism on forest societies, and the implication of scientific forestry. * Show the different processes through which agrarian transformation may occur in the modern world. <b>Eco</b>:-Understand the concept of food security. * Appreciate and analyse the role of government in ensuring food supply. <b>Civ</b>:-Recognize the need for rights in one's life. * Identify and be able to comprehend the Fundamental Rights given by the Indian Constitution to its citizens. *Create awareness regarding the process of safeguarding rights.</p>	<p><b>Civ- Collage making.(President or Prime Ministers - since independence to today.)</b></p> <p><b>His</b>:-Interdisciplinary Project.</p> <p><b>Civ</b>-Poster on Democratic Rights.</p>
<b>AI</b>	Conditional Statements and Control Statements Communication Skill	8	Able to build program logic	Python Programs
<b>IT</b>				

<b>FMS</b>	Unit 5: Green Skills  Ch.10.: Systematic Savings and Investments-Contd. Ch. 11: Making A Budget	10	Students be able to -know the concept of Green Skills -and how to prepare a budget.	Green Skills Activity
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# DECEMBER

SUBJECT	CHAPTER/LESSON/TOPI C	NO. OF PERIODS	LEARNING OUTCOME	ACTIVITY
<b>ENGLISH</b>	LIT: Kathmandu  Poetry-A Slumber Did My Spirit Seal. Supp. Reader: The Beggar. Grammar-Determiners	: Kathmandu-3  A Slumber Did My Spirit Seal-3  The Beggar-3 Grammar-Determiners=3	To develop linguistic skills  -To enhance reading, writing & comprehensive skills of the	Brochure making
<b>HINDI</b>	क्षितिज : पाठ-7: मेरे बचपन के दिन, पाठ -15 : मेघ आए, पाठ-17 बच्चे काम पर जा रहे हैं  पुनरावृत्ति	पाठ-7: मेरे बचपन के दिन- 6 पाठ -15 : मेघ आए-6 पाठ-17 बच्चे काम पर जा रहे हैं-6  पुनरावृत्ति-4	प्राकृतिक सौंदर्य तथा ग्रामीण पृष्ठभूमि से अभिभूत कराना	पोस्टर मेकिंग
<b>SANSKRIT</b>	अष्टमः पाठः - न धर्मवृद्धेषु वयः समीक्ष्यते नवमः पाठः - कवयामि वयामि यामि अनुप्रयुक्त- व्याकरणम् -	अष्टमः पाठः -7 नवमः पाठः - 7 अनुप्रयुक्त- व्याकरणम् -4 पुनरावृत्ति:-5	वास्तविक ज्ञान की ओर अग्रसर	भित्ति पत्र (संस्कृत विद्वान् )

<b>MATHS</b>	Chapter- 12 Statistics (frequency polygon)  Revision (Chapter-1,2,3,4,5,6,7, 8,9,10, 11,12)	5	Draw a frequency polygon and interpret the given data.	Crossword Puzzle
<b>SCIENCE</b>	<p>Physics- Ch-12 Sound Topics- Production, Propagation of sound, types of waves, Characteristics of sound waves, Reflection of sound, Range of hearing, Applications of Ultrasound.</p> <p>Chemistry- Ch-4 Structure of the Atom( continued) Topic: Isotopes and Isobars</p> <p>Biology- Revision</p>	<p>8</p> <p>8</p> <p>6</p>	<p>Physics- Compare the speed of sound in different media. -Analyze the use of multiple reflection of sound.-Understand the application of the ultrasound.</p> <p>Chemistry: Memorize the atomic no. and mass no. of elements and its meaning.-Calculate the no. of protons, electrons and neutrons from the given symbols of isotopes of an element.-Learn and interpret the meaning of isobars.</p>	<p>Physics- Topic Related Activity Verification of the Laws of reflection of sound. -Determination of the speed of a pulse propagated through a stretched string/slinky (helical spring).</p> <p>Chemistry:- Comparison of three models of structure of atom on A4 Sheet.</p> <p>Biology: Assignments</p>
<b>SST</b>	<p><b>GEO.</b>-CHAPTER-6.POPULATION</p> <p><b>ECO</b>:-CHAPTER-4(FOOD SECURITY IN INDIA</p> <p><b>REVISION OF MICRO PRE-BOARD SYLLABUS.</b></p>		<p><b>Geo</b>:-Analyze the uneven nature of population distribution and show concern about the large size of our population <b>Eco</b>:-Understand the concept of food security. Appreciate and analyze the role of the</p>	<p><b>Geo</b>:-Map Activity.- Locating and Labeling.</p> <p><b>Eco</b>- Project on a cooperative society.</p>



			government in ensuring food supply.	
<b>AI</b>	Python List and functions Green Skill Revision for Pre Board		Able to apply logic in writing Python programs	Python Program
<b>IT</b>				
<b>FMS</b>	Unit 5: Green Skills-Contd. Ch. 11: Making A Budget- Contd.	10	Students be able to -know the concept of Green Economy and Sustainable Development. -and how to adhere to a budget.	Family Budget Activity

# JANUARY

<b>SUBJECT</b>	<b>CHAPTER/LESSON/TO PIC</b>	<b>NO. OF PERIODS</b>	<b>LEARNING OUTCOME</b>	<b>ACTIVITY</b>
<b>ENGLISH</b>	Lit: If I were You Revision-Grammar and Writing Skills-	If I were You-5 Revision-Grammar and Writing Skills-8	Reads literary texts for enjoyment, interprets and appreciates characters, themes and incidents	Role play

<b>HINDI</b>	आंतरिक मूल्यांकन पुनरावृत्ति	आंतरिक मूल्यांकन-6 पुनरावृत्ति-4	भाषायी कौशल जाँच सामूहिक	परिचर्चा, कक्षा - परीक्षा (मौखिक/लिखित)
<b>SANSKRIT</b>	दशमः पाठः - भारतीय विज्ञानम् (केवलम् आन्तरिकमूल्यांकनम् )	दशमः पाठः -6 पुनरावृत्ति:-6	श्रवण , वाचन एवं लेखन कौशल	लेखन कौशल परीक्षा
<b>MATHS</b>	<b>Internal Assessment and Revision</b>			Oral test, Written test
<b>SCIENCE</b>	Physics-Revision Chemistry-Revision Biology-Revision Preboards			
<b>SST</b>	<b>FULL REVISION- PRE-ANNUAL EXAMS</b> <b>(FULL SYLLABUS AS PER CBSE SYLLABUS)</b>			Python Programs

<b>AI</b>	Python List Revision for Annual Exam			
<b>IT</b>				
<b>FMS</b>	-Employability Skills- Revision -Introduction to FMM-Revision	10	Students be able -to revise Employability Skills  -Introduction to FMM	

## FEBRUARY

<b>SUBJECT</b>	<b>CHAPTER/LESSON/TOPIC</b>	<b>NO. OF PERIODS</b>	<b>LEARNING OUTCOME</b>	<b>ACTIVITY</b>
<b>ENGLISH</b>	Revision of the full Syllabus	Reading Comprehension -5  Writing Skill - 6  Revision:-8		
<b>HINDI</b>	पुनरावृत्ति			
<b>SANSKRIT</b>	एकादश पाठः-भारतेनास्ति मे जीवनं जीवनम् -(केवलम् आन्तरिकमूल्याङ्कनम् -श्रवण -वाचन ) पुनरावृत्ति:	एकादश पाठः-7 पुनरावृत्ति: -7 आन्तरिकमूल्याङ्कनम्-6	श्रवण एवं वाचन कौशल	श्लोकोच्चारण परीक्षा

<b>MATHS</b>	Revision of Full Syllabus (Chapter-1,2,3,4,5,6,7,8,9,10,11,12)			
<b>SCIENCE</b>	FULL REVISION- ANNUAL EXAMS (FULL SYLLABUS AS PER CBSE)			
<b>SST</b>	FULL REVISION- ANNUAL EXAMS (FULL SYLLABUS AS PER CBSE SYLLABUS)			
<b>AI</b>	Full Syllabus as per CBSE Syllabus			
<b>IT</b>	Full Syllabus as per CBSE Syllabus			
<b>FMS</b>				

# MARCH

SUBJECT	CHAPTER/LESSON/TOPIC	NO. OF PERIODS	LEARNING OUTCOME	ACTIVITY
ENGLISH	FULL SYLLABUS			
HINDI	मार्च - वार्षिक परीक्षा (Full Syllabus as per CBSE)			
SANSKRIT	वार्षिक परीक्षा			
MATHS	Annual Examination (Full Syllabus as per CBSE)			
SCIENCE	FULL REVISION- ANNUAL EXAMS (FULL SYLLABUS AS PER CBSE)			

<b>SST</b>	<b>FULL REVISION- ANNUAL EXAMS</b>  <b>(FULL REVISION- ANNUAL EXAMS)</b>  <b>(FULL SYLLABUS AS PER CBSE SYLLABUS)</b>			
<b>AI</b>	Full Syllabus			
<b>IT</b>	Full Syllabus			
<b>FMS</b>	Employability Skills- Revision -Introduction to FMM-Revision	6		



	(सामान्य--सपाद-सार्ध –पादोन) अपठित अवबोधनम्			
<b>MATHS</b>	Chapter-1 Real Numbers. Chapter -2 Polynomials	15  08	Students will be able to state and apply fundamental theorem of Arithmetic to find LCM and HCF to find and verify relation between zeroes and coefficients of a polynomial.	Mind Map,  Word Search Puzzle



<b>SCIENCE</b>	<p><b>Physics:Ch-9 Light:</b> Reflection &amp; Refraction Laws of reflection of light, Spherical mirrors &amp; terms associated, Sign convention in spherical mirrors , Image formation in spherical mirrors</p> <p><b>Chemistry:</b> Chapter1: Chemical reactions and equations</p> <p><b>Topics-</b>Changes around us in the form of chemical reaction</p> <p>Chemical equations, writing a chemical equation, balanced chemical equation. Types of chemical reactions</p> <p>Biology:Ch 5- Life Processes Topics-Nutrition Respiration</p>	8	<p><b>PHYSICS:</b> *Understand the concept of reflection of light and laws of reflection of light. *Identify mirrors-plane mirror, concave mirror and convex mirror and related terms. *Draw images of the object at different positions in case of spherical mirrors. *Solve numerical problems related to the topic.</p> <p><b>CHEMISTRY:</b> *Recognize the physical and chemical processes associated with biological processes affecting life and the Environment. *Understand chemical reaction they encounter every day.-Represent equations to represent the reaction. *Apply the principles of conservation of mass to balance chemical reactions.-Identify the different types of chemical reaction and explain.-Identify the different types of chemical reactions and explain.</p> <p><b>BIOLOGY</b> -Recall the term nutrition and describe autotrophic and heterotrophic modes of nutrition in living beings Tell Respiration -Differentiate between aerobic and anaerobic respiration, .Describe the structures and respiratory mechanisms in plants. - Draw respiratory system in humans and the role its different parts play in respiration,-Describe the mechanism of breathing in human</p>	<p>Practicals/Activities: <b>Physics:</b> 1 Based on application Image comparison by plane ,convex and concave mirrors. Practicals: 1. Focal length of concave mirror. 2. Image formation by spherical mirror(concave)</p> <p><b>Chemistry:</b> Observe and analyse different types of chemical reactions taking place in daily life.</p> <p><b>Biology-</b> 1.Diagram/Sketching of human alimentary canal and nutrition in amoeba, Respiratory system in humans 2.concept map on types of Respiration 3. To show experimentally that CO<sub>2</sub> is given out during Respiration</p>
		8		
		8		

<b>SST</b>	<b>ECO</b> :-CH-1: Development	6 Periods	Familiarize with the centrality of power sharing in a democracy	<b>Concept Map</b>
	<b>GEO</b> : - CH-1: Resources and Development	9 Periods	Understand the value of resources and the need for their judicious utilization and conservation.	<b>Mind Map</b>
	<b>CIVICS</b> - CH- 1 Power Sharing	5 Periods	Familiarize with the centrality of power sharing in a democracy	<b>Map of Belgium and Srilanka</b>
	<b>HISTORY</b> - CH-1 The Rise of Nationalism In Europe	4 Periods	Establish the relationship and bring out the difference between European nationalism and anticolonial nationalisms	<b>Draw flags of Nation and describe their origin.</b>
<b>AI</b>	Stress Management Entrepreneurship Skill <b>Unit 1: Introduction to AI- Foundational Concepts of AI</b>	2 3 4	Able to understand cause of stress and managing it Able to understand meaning of entrepreneurship Able to understand different types of intelligence and what type of intelligence can be given to AI being	Activities related to AI Domains
<b>IT</b>	Stress Management Entrepreneurship Skill		Able to understand cause of stress and managing it Able to understand meaning of entrepreneurship	

**MAY**

SUBJECT	CHAPTER/LESSON/TOPI C	NO. OF PERIODS	LEARNING OUTCOME	ACTIVITY
ENGLISH	<p><b>LIT:</b> Ch- Two Stories about Flying (i) His First Flight, (ii) Black Aeroplane, <b>Poem-</b> A Tiger in the Zoo, <b>Supp Reader:</b> Ch- The Thief's Story, <b>Grammar-</b> Modals, Writing Skills- letter of Complaint (official) ,</p>	<p>Ch-Two Stories about Flying (i) His First Flight,(3) (ii) Black Aeroplane(3) <b>Poem-</b> A Tiger in the Zoo(3) Ch- The Thief's Story,(3) Grammar- Modals,(4) Writing Skills- letter of Complaint (official)-5 ,</p>	<p>Enhancing writing skills, Learning life skills</p>	<p><b>Group Activity with a set of examples of poetic devices used in the poems</b></p>
HINDI	<p>क्षितिज: पाठ -2: राम- लक्ष्मण- परशुराम संवाद, पाठ-11: बालगोबिन भगत व्याकरण: पद-परिचय अपठित बोध लेखन - ई मेल लेखन</p>	<p>पाठ -2: राम- लक्ष्मण- परशुराम संवाद-8 पाठ-11: बालगोबिन भगत-6 व्याकरण: पद-परिचय-6 अपठित बोध- 2 लेखन - ई मेल लेखन -2</p>	<p>संचार कौशल तथा अभिनय क्षमता में वृद्धि</p>	<p>लीला-मंचन</p>
SANSKRIT	<p>द्वितीय:पाठ:- नास्ति त्यागसमं सुखम् औपचारिक-अनौपचारिक-पत्रलेखनम् स्वरसन्धि- वृद्धि,यण्,अयादि ,पूर्वरूपम् तद्धित - प्रत्यया: (मतुप्, ठक्, त्व,तल्)</p>	<p>द्वितीय:पाठ: -7 अनुप्रयुक्त- व्याकरणम् -8 रचनात्मकं कार्यम् -2 पुनरावृत्ति:-2</p>	<p>त्याग की भावना उत्पन्न होना</p>	<p>कथा वाचन व लेखनम् , परियोजना कार्य</p>
MATHS	<p>Chapter- 3 Linear Equation in two variables.  Chapter- 4 Quadratic equations</p>	<p>12  08</p>	<p>Students will be able To find consistency and inconsistency of a pair of linear equations.  To Solve a Quadratic equation by quadratic formula. To find nature of roots of a quadratic equation</p>	<p>Graph paper activity Cutting and pasting work</p>

<b>SCIENCE</b>	<p><b>Physics-</b> Chapter 9 Light (Continued), *Refraction of light(Glass Slab), Refractive Index , Refraction by spherical lenses,Image formation in lenses,Power of a lens.. NCERT Exercise.</p>	8	<p><b>Physics:</b> Compare the speed of light in different media. *Relate the refraction with the speed of light in different media. *Identify that power of lens is reciprocal of its focal length. <b>Chemistry:</b> To explain corrosion and rancidity with the help of daily life examples. *Compare chemical properties of acids and bases ,write equations and give illustration. *Identify strong and weak acids and bases.</p> <p>*To analyze and compare pH of given solutions and find chemical nature of given solution.</p> <p>*Appreciate the importance of pH in daily life and apply neutralization/pH to solve problems in day to day life.</p> <p>*Describe preparation of different salts and suggest their uses in day to day life.</p> <p><b>Biology:</b> Describe the blood circulatory system in humans *Describe lymph and lymphatic system</p> <p>*Explain the transportation of water and minerals in plants. Explain the translocation of food in plants</p> <p>*Mention the methods used by plants to get rid of excretory products. *Comprehend the process of excretion in humans and mention its importance.</p>	<p>Practicals/ Activities: <b>Physics:</b> 1 Focal length of convex lens. 2. Image formation by convex lens. 3. Refraction through glass slab. *To Show the refraction of light by using water glass and a stick . <b>Chemistry:</b> Mind map and concept map <b>Biology:</b> 1.MCQs(Quiz) 2.Diagram/Sket ching of Human Heart, Human Excretory System</p>
	<p><b>Chemistry:</b> Chapter 1 Chemical Reactions and Equations (Continued) Corrosion and Rancidity.</p>	8		
	<p>Chapter 2 -Acids , bases and salts (Introduction) Topic: Indicators, Acids, Bases(General Properties)</p>	8		
	<p><b>Biology-</b> Chapter 5 Life Processes (Continued) Topic: Transportation &amp; Excretion</p>			
<b>SST</b>	<p><b>ECO:-</b>CH-1: Development (Cont.)</p>	5 Periods	<ul style="list-style-type: none"> <li>• Enable the learners to identify and comprehend the forms in which nationalism developed along with the formation of nation states in Europe</li> <li>• Understand the rationale for overall Human development in our country which include the rise of income, improvement in Health and Education rather than income.</li> </ul>	<p><b>Project on sustainable development.</b></p> <p><b>Role play and poster making</b></p> <p><b>Draw flow</b></p>
	<p><b>HISTORY-</b> CH-1 The Rise of Nationalism In Europe (Cont.)</p>	7 Periods		

	<b>GEO-</b> CH-2 Forest And Wildlife Resources	4 Periods	<ul style="list-style-type: none"> <li>Understand the importance of forests and wildlife.</li> </ul>	<b>chart on types of forests.</b>
<b>AI</b>	<b>Unit 2 : AI Project Cycle</b>	8	Able to understand different phases of Project Cycle and relation among them	Problem Scoping Template
<b>IT</b>				

# JULY

SUBJECT	CHAPTER/LESSON/TOPIC	NO. OF PERIODS	LEARNING OUTCOME	ACTIVITY
<b>ENGLISH</b>	LIT: Ch- From the Diary of Anne Frank, Poems- The Ball poem, How to tell wild animals, Amanda!, Supp Reader: - Ch-Footprints without Feet, <b>Grammar-</b> Subject- verb concord, Reported Speech , (i)Commands And Request(ii)Statements (iii)Questions	Ch- From the Diary of Anne Frank,(3) Poems- The Ball poem,(3) How to tell wild animals,(3) Amanda!,(3) Supp Reader: - Ch-Footprints without Feet,(3) <b>Grammar-</b> Subject- verb concord(3), Reported Speech ,(i)Commands And Request-2 (ii)Statements-2 (iii)Questions-2	Able to Identify and appreciates significant literary elements, such as, metaphor, imagery, symbol, simile, personification, onomatopoeia, intention or point of view, rhyme scheme, themes, titles, etc.	<b>Activity-</b> Summarize the poem and express the literal meaning and understanding of the poem.
<b>HINDI</b>	कृतिका: पाठ -1: माता का अँचल क्षितिज: पाठ - 4 : आत्मकथ्य पाठ-12: लखनवीं अंदाज व्याकरण: वाच्य, रचना	कृतिका : पाठ -1: माता का अँचल-8 क्षितिज: पाठ - 4 : आत्मकथ्य-4 पाठ-12: लखनवीं अंदाज-4	शारीरिक, सामाजिक एवं नैतिक विकास को बढ़ावा तकनीकी अभिरुचि /अभिव्यक्ति को बढ़ावा	खेल एकीकरण परियोजना कार्य से जोड़ना पी.पी.टी.

	की दृष्टि से वाक्य भेद लेखन ( औपचारिक पत्र अनौपचारिक पत्र), संदेश लेखन	व्याकरण: वाच्य-2 रचना की दृष्टि से वाक्य भेद-2 लेखन ( औपचारिक पत्र -2 अनौपचारिक पत्र-2 ) संदेश लेखन-2		
<b>SANSKRIT</b>	तृतीयः पाठः -रमणीया हि सृष्टिः एषा ,चतुर्थः पाठः- आज्ञा हि गुरुणाम् अविचारणीया अपठित अवबोधनम् - अनुप्रयुक्त- व्याकरणम् -समासाः - (तत्पुरुष-विभक्तिः, नञ्, उपपदः, द्वंद्व, अव्ययीभाव(अनु, उप, सह निर् प्रति यथा) अनुप्रयुक्त- व्याकरणम् -व्यंजनसंधिः-परसवर्णः (अनुस्वारस्य स्थाने पञ्चमवर्णस्य प्रयोगः), तुकागमः, वर्गीयप्रथमवर्णस्य तृतीये वर्णे -परिवर्तनम् अपठित अवबोधनम्	तृतीयः पाठः -7 चतुर्थः पाठः- 7 अनुप्रयुक्त- व्याकरणम् -8	पशु -पक्षियों का संरक्षण	भित्ति पत्र
<b>MATHS</b>	Chapter-5 Arithmetic Progression Chapter-6 Triangles	10 15	Students will be aware about sequences and progressions. To find area of Similarity of Triangles and proof of theorem Area of Similar Triangles,	To distinguish between A.P. & non A.P. through an activity

<p style="text-align: center;"><b>SCIENCE</b></p>	<p><b>Physics-Chapter Ch- 10 Human Eye and the colorful world :</b> Human Eye, its working , Power of accommodation of eye, Defects of vision , refraction of light through glass prism ,</p> <p><b>Chemistry chapter 2 Acids,Bases and Salts</b></p> <p>Chemical properties of acids and bases,</p> <p>What do all acids and bases have in common? How strong are acid or base solution? Importance of pH in every day life. More about salts</p> <p>Chapter 3: Metals and Non-metals</p> <p><b>.Biology</b> - Chapter 5 Life Processes (Continued)</p> <p>Chapter 6- Control and coordination (Till Coordination in Plants)</p>		<p><b>Physics:</b>Identify and define parts of the human eye.          *Discuss how parts of the eye work together to provide vision.          *Explain the refraction through glass prism &amp; angle of deviation.  <b>Chemistry:</b> Compare chemical properties of acids and bases ,write equations and give illustration.          *Identify strong and weak acids and bases.          *To analyze and compare pH of given solutions and find chemical nature of given solution.          *Appreciate the importance of pH in daily life and apply neutralization/pH to solve problems in day to day life.          *Describe preparation of different salts and suggest their uses in day to day life          *Understand the physical properties of metals and non metals .  <b>BIOLOGY:</b>          -To draw excretory system.          -Understand the working of excretory system          -To describe the mechanism of urine formation.          -To understand the significance of artificial kidney.          -Enable the learner to recognize the need for control and coordination in the body of living organism.          -Describe the basic unit of nervous tissue.          -Illustrate reflex action and its importance          -Describe the nervous system in humans.          - Discuss the chemical coordination in plants and plant movements.</p>	<p>Practicals/Activities:          Physics:          *Refraction through glass prism          *Dispersion of white light by using a glass prism.( To show the spectrum of white light and Recombination of spectrum.)</p> <p>Chemistry:          *Mind map and concept map.</p> <p>Biology:          *Assignment on competency based questions</p>

**CIVICS: -**

**CH-2 (FEDERALISM)**

5 Periods

- Analyse federal provisions and institutions.
- Explain decentralization in rural and urban areas.

**Mind map using Mindmeister/ mindmup 2.0**

**HISTORY: -**

**CH-2 (NATIONALISM IN INDIA) (Including Map Work)**

9 Periods

- Recognize the characteristics of Indian nationalism through a case study of NCM & CDM
- Analyze the nature of the diverse social movements of the time

**Crossword Puzzle**

**GEO: -  
CH-3 (WATER RESOURCES)**

5 Periods

- Comprehend the importance of water as a resource as well as develop awareness towards its judicious use and conservation.

**Ppt on dams**

**ECO: -  
CH-2 (SECTORS OF INDIAN ECONOMY)**

5 Periods

- Reason out the government investment in different sectors of economy.

**Graph showing the contribution of three sectors in GDP.**



AI	ICT Skills Project Cycle contd	2	Distinguish between different operating systems. Apply basic skills for care and maintenance of computer
		4	
		3	
IT	ICT Skills	4	Distinguish between different operating systems. Apply basic skills for care and maintenance of computer

# AUGUST

SUBJECT	CHAPTER/LESSON/TOPIC	NO. OF PERIODS	LEARNING OUTCOME	ACTIVITY
ENGLISH	Lit: Revision, Supp Reader : Revision, Grammar- Reported Speech continued , Determiners, Writing Skill : Letter of Complaint (Business)		Expressions of thoughts Developing speaking skills	
HINDI	कृतिका: पाठ -3 : साना साना हाथ जोड़ि व्याकरण: शब्दालंकार- श्लेष अलंकार अर्थालंकार - उत्प्रेक्षा अलंकार , अतिशयोक्ति अलंकार, मानवीकरण अलंकार लेखन; अनुच्छेद लेखन, स्ववृत लेखन, विज्ञापन लेखन	पाठ -3 : साना साना हाथ जोड़ि-8 व्याकरण: शब्दालंकार- श्लेष अलंकार -2 अर्थालंकार - उत्प्रेक्षा अलंकार-2 , अतिशयोक्ति अलंकार-2 मानवीकरण अलंकार-2 लेखन; अनुच्छेद लेखन3 स्ववृत लेखन- 4 विज्ञापन लेखन-3	प्रकृति एवं पर्यावरण के प्रति संवेदनशीलता तथा जागरूकता में वृद्धि  रचनात्मकता का विकास करना	पोस्टर मेकिंग विज्ञापन

<b>SANSKRIT</b>	पञ्चमःपाठः- अभ्यासवशगं मन वाच्यपरिवर्तनम्-केवलं लट् लकारे (कर्तृ-कर्म-क्रिया) अशुद्धिः संशोधनम्(वचन-लिङ्ग-पुरुष-लकार-विभक्ति-दृष्ट्या संशोधनम्), रचनात्मकं कार्यम्-चित्राधारितं वर्णनम्/ अनुच्छेदलेखनम्,संवाद पूर्तिः/कथा पूर्तिः	पञ्चमःपाठः- 8 वाच्यपरिवर्तनम्- 5 अशुद्धिः संशोधनम्- 4 रचनात्मकं कार्यम्-5	श्लोकों के उच्चारण में शुद्धता	गीता के श्लोक
<b>MATHS</b>	Chapter- 7 coordinate geometry .  Chapter- 8 Introduction to Trigonometry	06  18	Students will be able to find the distance between two points, coordinates of a point which divides a line segment joining two points in the given ratio.  To Identify the hypotenuse, adjacent side, and opposite side of an acute angle in a right triangle	Graph paper activity Rangometry
<b>SCIENCE</b>	Physics-Chapter 10- Human Eye and Colorful World(continued); Atmospheric Refraction,Scattering of light, Tyndall Effect, Atmospheric effects of scattering and Refraction . NCERT Exercise of the chapter.  Chemistry- Chapter-3: Metals and Non-metals(Contd)  Revision for periodic test 2  Biology - Chapter 6: Control and Coordination (Contd)  Chapter 7 How Do Organisms Reproduce?  Revision for Periodic Test II	8  8  8	PHYSICS: Identify why stars twinkle ,reason of advance sunrise and delayed sunset,Blue color of sky and reddening of sun . CHEMISTRY: Differentiate between chemical properties of metals and nonmetals. * Write chemical reactions of metals and nonmetals with oxygen, water and dilute acids. *Know the difference between acidic, basic and amphoteric oxide. *Remember reactivity series of metals. *Explain the ionic bonding with electron dot structure. *Understand the properties of ionic compounds.  Biology-Discuss the role of endocrine system in humans. -Interpret the significance of feedback mechanism.	Practicals/Activities: <b>Physics:</b> Activity by self experiencing the natural phenomenon in the night sky.  <b>Chemistry:</b> Cartoon making on ionic bond formation .  <b>Biology:</b> 1.To study binary fission in amoeba and budding in yeast and Hydra 2.Diagram/sketching

			<p>-Mention the importance of DNA copying in reproduction.</p> <p>-Give the significance of variations.</p> <p>- Describe various modes of reproduction used by single organisms.</p> <p>-Discuss sexual reproduction and its significance.</p>	
<b>SST</b>	<b>HISTORY: -</b> CH -2 (Nationalism in India) (Cont).	4 Periods	<ul style="list-style-type: none"> <li>Recognize the characteristics of Indian nationalism through a case study of Non-Cooperation and Civil Disobedience Movement.</li> <li>Identify and analyze the challenges posed by communalism to Indian democracy</li> <li>Explain the importance of agriculture in the national economy.</li> <li>Understand the role of financial institutions from the point of view of day-to- day life</li> </ul>	<p><b>Brochure making</b></p> <p><b>*Mind map</b></p> <p><b>Activity explaining the features of various types of crops.</b></p> <p><b>*Cheque activity</b></p>
	<b>CIVICS: -</b> _CH- 4 (Gender, Religion and caste)	6 Periods		
	<b>GEO: -</b> CH- 4 (Agriculture)	7 Periods		
	<b>ECO: -</b> CH- 3 (Money and Credit)	5 Periods		
<b>AI</b>	<b>Unit 6 Natural Language Processing</b>	4	Able to understand different applications of NLP	Bag of words Python Program
	<b>Unit 3 – Advance Python</b>	5		
<b>IT</b>				

# SEPTEMBER

SUBJECT	CHAPTER/LESSON/TOPIC	NO. OF PERIODS	LEARNING OUTCOME	ACTIVITY
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<b>ENGLISH</b>	Revision & Pre-Term – I			
<b>HINDI</b>	पुनरावृत्ति	पुनरावृत्ति-15	भाषिक/लेखन विकास	कक्षा परीक्षा मौखिक / लिखित
<b>SANSK RIT</b>	पुनरावृत्ति:-पूर्वप्रथमसत्रीय-परीक्षाये	पुनरावृत्ति:-15	दक्षता की जांच	कक्षा परीक्षा
<b>MATHS</b>	Chapter-9 Application of Trigonometry	08	Students will be able to find the height of the tower, building, poles etc.	Art Integrated

<p style="text-align: center;"><b>SCIENCE</b></p>	<p>Physics- Revision for Half yearly Exam</p> <p>Chemistry-Chapter 4 Carbon and its compounds</p> <p>Revision for Half Yearly Exam</p> <p>Biology- Chapter 7- How do organisms reproduce? (Continued)</p> <p>Revision for Half Yearly Exam</p>		<p>PHYSICS: Students will be able to understand reasoning and application based questions and solve the problems successfully..</p> <p>CHEMISTRY-To know about the basic steps of metallurgy.</p> <p>-To understand the phenomenon of corrosion and its prevention. -Explain bonding in Carbon.</p> <p>*Acquainted with the concept of allotropy and catenation.</p> <p>BIOLOGY: Mention the importance of DNA copying in reproduction.</p> <p>-Give the significance of variations.</p> <p>-Describe various modes of reproduction used by single organisms.</p> <p>-Discuss sexual reproduction -Explain the process of sexual reproduction in flowering plants.</p> <p>*Explain the process of sexual reproduction in humans. *Analyze the need for reproductive health *Describe about sexually transmitted diseases. *Explain various contraceptive methods and its need.</p>	<p>Physics: Activity by self experiencing the natural phenomenon in the night sky.</p> <p>Chemistry: Activity on corrosion.</p> <p>Biology 1.To study binary fission in amoeba and budding in yeast and Hydra.</p>
	<p style="text-align: center;"><b>SST</b></p>	<p>HISTORY: CH-3 Making of a Global World</p>	<p>2 Periods</p>	<ul style="list-style-type: none"> <li>Show that globalization has a long history and point to the shifts within the process.</li> </ul>
<p>CIVICS: - CH- 6 Political Parties</p>		<p>6 Periods</p>	<ul style="list-style-type: none"> <li>Introduction to major political parties, challenges faced by them and reforms in the country</li> </ul>	<p><b>Brochure making of various political parties.</b></p>
<p>GEO: - CH- 4 (Agriculture) Cont.</p>		<p>2 Periods</p>	<ul style="list-style-type: none"> <li>Explain the importance of agriculture in the national economy.</li> </ul>	<p><b>Activity explaining the features of various types of crops.</b></p>
<p>ECO: - CH - 3 (Money and Credit) Cont.</p>		<p>2 Periods</p>	<ul style="list-style-type: none"> <li>Understand money as an economic concept.</li> </ul>	<p><b>Cheque activity</b></p>

AI	Revsion of Half Yearly			
IT	Revsion of Half Yearly			

# OCTOBER

SUBJECT	CHAPTER/LESSON/TOPIC	NO. OF PERIODS	LEARNING OUTCOME	ACTIVITY
ENGLISH	Ch- Glimpses Of India Part I - Baker from Goa Part II- Coorg Part - III Tea from Assam	Ch- Glimpses Of India Part I - Baker from Goa(3) Part II- Coorg(3) Part - III Tea from Assam(3)	Read Comprehends and responds to complex texts independently.	Brochure/ Collage Making.
HINDI	क्षितिज: पाठ -14: एक कहानी यह भी कृतिका: पाठ - 4 में क्यों लिखता हूँ पुनरावृत्ति	पाठ -14: एक कहानी यह भी-7 कृतिका: पाठ - 4 में क्यों लिखता हूँ -6 पुनरावृत्ति -6	गहन- सोच को बढ़ावा	माइंड मैप कक्षा परीक्षा मौखिक / लिखित
SANSKRIT	षष्ठः पाठः-राष्ट्रं संरक्ष्यमेव हि , सप्तमः पाठः - साधुवृत्तिं समाचरेत् स्त्री प्रत्ययाः (टाप् ,डीप् ) विसर्ग संधिः-विसर्गस्य उत्त्वम् ,रत्वं ,विसर्गलोपः,विसर्गस्य स्थाने स् ,श,ष्	षष्ठः पाठः-8 सप्तमः पाठः - 8 व्याकरणम् -8	देशभक्ति की भावना उत्पन्न होना	मम देश :-अनुच्छेदस्य लेखनम्

<b>MATHS</b>	Chapter-10 Circles	10	Students will be able to prove the theorems and apply them. To learn to find area of a ring, area of minor and major sector, area of minor and major segment, length of an arc	Paper cutting activity.
	Chapter-12 Area related to Circles	12		Crossword Puzzle
<b>SCIENCE</b>	<p>Physics- Chapter -11 -Electricity Electric charge , current potential difference. Electric circuit, Ohm's law Resistance, Resistivity</p> <p>Chemistry- Chapter 4: Carbon and its Compounds (continued)</p> <p>Biology- Chapter 8- Heredity</p>		<p>PHYSICS: Students will be able to: Draw electric circuit. *Explain how electric current flows in a circuit. *Wire a basic circuit. *Take measurements on a circuit. *Explain the difference between series and parallel connections &amp; calculate resistance.</p> <p>CHEMISTRY: Easily differentiate between saturated and unsaturated compounds. -Will be able to write the isomers of butane and pentane.</p> <p>BIOLOGY: Enable the learner to define heredity and variations -Comprehend the significance of accumulation of variation during reproduction. -Study mendel's contribution for the inheritance of traits.</p>	<p>Practicals/ Activities: Physics: *Verification of Ohm's law.</p> <p>Chemistry : Electron dot structures of alkane, alkene, alkyne.( By art integration)</p> <p>Biology: Making of Monohybrid Cross and Dihybrid Cross</p>
<b>SST</b>	<p>PRE-TERM 1</p> <p><u>HISTORY:</u> CH-3 (Making of a Global World) Cont.</p> <p>CH-4 The Age of Industrialization</p> <p><u>GEO: -</u> CH-6: (Mineral and Energy Resources)</p>	<p>4 Periods</p> <p>9 Periods</p> <p>6 Periods</p>	<ul style="list-style-type: none"> <li>● Show that globalization has a long history and point to the shifts within the process</li> <li>● Familiarize with the Pro-to-Industrial phase and Early – factory system.</li> <li>● Identify different types of minerals and energy resources and places of their availability</li> </ul>	<p><b>Collage</b></p> <p><b>Mind Map</b></p> <p><b>Presentation using Canva or Wakelet</b></p>

AI	Data Science Communication Skill	5 4	Understand AI domain- Data Science Demonstrate knowledge of various methods of communication skill and overcome barriers in communication	Program related to Data Science
IT	Communication Skill		Demonstrate knowledge of various methods of communication skill and overcome barriers in communication	

# NOVEMBER

SUBJECT	CHAPTER/LESSON/TOPIC	NO. OF PERIODS	LEARNING OUTCOME	ACTIVITY
ENGLISH	LIT- Ch-Madam Rides the Bus, The Sermon at Benares, Poem- <b>Supp Reader</b> Ch- The Making of a Scientist	Ch-Madam Rides the Bus,(3) The Sermon at Benares,(3) Ch- The Making of a Scientist(4)	Able to comprehends, and responds to complex texts.	<b>Group Discussion-</b> Collects evidences and discusses after reading science based literary texts.
HINDI	क्षितिज: पाठ- 5: उत्साह, अट नहीं रही है पाठ - 16: नौबतखाने में इबादत पुनरावृत्ति	पाठ- 5: उत्साह, अट नहीं रही है-8 पाठ - 16: नौबतखाने में इबादत-8 पुनरावृत्ति -9	प्रसिद्ध शहनाईवादक बिस्मिल्ला खां की कड़ी मेहनत और अभ्यास से प्राप्त की गई सफलता से परिचित कराना	अभ्यास प्रपत्र कक्षा परीक्षा मौखिक / लिखित
SANSKRIT	अष्टम:पाठ:- तिरुक्कुरल्-सूक्ति-सौरभम् पुनरावृत्ति:	अष्टम:पाठ:- 8 पुनरावृत्ति:-7	नैतिक मूल्यों का विकास	सूक्तिलेखनम्



<b>MATHS</b>	Chapter- 13 surface area and volume .	12	Students will be able to find the Surface area & volume of a combination of Solids.	Art integrated
	Ch-14 Statistics	18	To find mean, median, mode for grouped data	Graphical
<b>SCIENCE</b>	<p>Physics- Chapter-11- Electricity (Continued) Resistance of the system of resistors( Parallel and Series), Heating Effect of Electric current.</p> <p>Chemistry:Chapter 4- Carbon and its Compounds (Contd)</p> <p>Biology-Chapter 8- Heredity (Continued) Ch-13 Our Environment</p>		<p>PHYSICS:Students will be able to: *Calculate the energy by using Joule's law of heating.</p> <p>Understand the practical use of heating effect.</p> <p>CHEMISTRY: Know about the naming of carbon compounds.</p> <p>-Understand chemical properties of Ethanol and Ethanoic acid.</p> <p>-Understand Cleansing action of soap and detergents.</p> <p>BIOLOGY: Explain the chromosomal basis of sex determination in humans. -Describe the abiotic and biotic components of ecosystem</p> <p>-Illustrate food chain and food webs</p> <p>-Discuss about various trophic levels and energy flow in an ecosystem.</p> <p>Describe all aspects related to two major environmental problems-ozone layer depletion and waste disposal.</p>	<p>Practicals/Activities: *Resistance in parallel *Resistance in series</p> <p>Biology : Case-Based questions</p> <p>Poster Making</p>

<b>SST</b>	<b>CIVICS:-</b> CH:7 Outcomes of Democracy	5 Periods	<ul style="list-style-type: none"> <li>Evaluate the functioning of democracies in comparison to alternative forms of governments.</li> </ul>	<b>Collage</b>
	<b>HISTORY:</b> _CH:5 Print Culture and the Modern World	7 Periods	<ul style="list-style-type: none"> <li>Identify the link between print culture and the circulation of ideas.</li> </ul>	<b>Brochure Making</b>
	<b>GEO:</b> CH:6 Manufacturing Industries	7 Periods	<ul style="list-style-type: none"> <li>Bring out the importance of industries in the national economy as well as understand the regional disparities which resulted due to concentration of industries in some areas.</li> </ul>	<b>Concept Map</b>
	<b>ECO:-</b> CH:4 Globalization and the Indian Economy	6 Periods	<ul style="list-style-type: none"> <li>Explain the working of the Global Economic phenomenon.</li> </ul>	<b>Draw the symbols of various MNCs and write their tagline</b>
<b>AI</b>	Evaluation Computer Vision	5 4	Able to understand importance of evaluating and testing of AI model	Program related to Computer Vision
<b>IT</b>				

# DECEMBER

SUBJECT	CHAPTER/LESSON/TOPIC	NO. OF PERIODS	LEARNING OUTCOME	ACTIVITY
<b>ENGLISH</b>	<b>LIT</b> Ch-Madam Rides the Bus, The Sermon at Benares, Poems: The Tale of Custard the Dragon <b>Supp Reader Ch-</b> The Necklace, <b>Writing Skill-</b> Analytical Paragraph	Ch-Madam Rides the Bus (3) The Sermon at Benares(3) Poems: The Tale of Custard the Dragon(3) <b>Ch-</b> The Necklace,(3) <b>Writing Skill-</b> Analytical Para(4)	Reads literary texts for enjoyment, interprets and appreciates characters, themes and incidents	<b>Activity- Role Play</b>

<b>HINDI</b>	क्षितिज: पाठ -6: यह दंतुरित मुसकान तथा फसल पाठ -9: संगतकार पाठ - 17 : संस्कृति पुनरावृत्ति	पाठ -6: यह दंतुरित मुसकान तथा फसल-6 पाठ -9: संगतकार-8 पाठ - 17 : संस्कृति-6 पुनरावृत्ति-2	भारत देश की संस्कृति और सभ्यता से अवगत कराते हुए महिलाओं के योगदान को प्रस्तुत करना संगतकार के योगदान को प्रस्तुत करना	महिला सशक्तिकरण पर नाटकीय प्रस्तुतिकरण, उन लोगों की सूची बनाएँ जिन्होंने भारत के इतिहास में एक संगतकार की भूमिका निभाई कक्षा परीक्षा मौखिक / लिखित
<b>SANSKRIT</b>	नवम:पाठ:- सुस्वागतम् भो! अरुणाचलेऽस्मिन् व्याकरणम्	नवम:पाठ:-7 पुनरावृत्ति:-15	राष्ट्रीय एकता का विकास	एक भारत श्रेष्ठ भारत आधारित गतिविधि
<b>MATHS</b>	Ch-15 probability	12	Students will be able to find probability of events in different situations	Data collection activity
<b>SCIENCE</b>	Physics- Chapter-12 Magnetic Effects of Electric current, Magnetic field and field lines, Magnetic field due to a current carrying conductor, Right hand thumb rule,, Magnetic field due to current carrying circular loop, Solenoid and Electromagnet. Force on a current carrying conductor , Electric Motor. Chemistry- Revision of chapter 4 Biology- Chapter 13-Our Environment (Contd) Revision		<b>PHYSICS:</b> Identify an electric current as a source of a magnetic field. * Describe the magnetic field lines around a wire carrying an electric current.	Practicals/Activity: Physics: 1. Drawing of magnetic field lines by using bar magnet and iron filings. 2. Making of solenoid and Electromagnet.  Chemistry:  Biology: Poster Making

<b>SST</b>	<b>Geo:</b> CH:7 Lifelines of National Economy	8 Periods	<ul style="list-style-type: none"> <li>Explain the importance of transport and communication in the ever-shrinking world.</li> <li>Understand that forms of writing have a specific history, and that they reflect historical changes within society and shape the forces of change.</li> </ul>	<b>Collage on various means of transport</b>  <b>Brochure Making</b>
	<b>History:</b> _CH:5 Print, Culture and the Modern World	8 Periods		
<b>AI</b>	Advance Python contd Green Skill Revision for PreBoard		Able to apply logic in building python programs	Python Programs
<b>IT</b>	Green Skill Revision for PreBoard			

# JANUARY

SUBJECT	CHAPTER/LESSON/TOPIC	NO. OF PERIODS	LEARNING OUTCOME	ACTIVITY
<b>ENGLISH</b>	Supp Reader Ch- Bholi Writing Skill- Letter of Order & Enquiry Revision		Reads literary texts for enjoyment, interprets and appreciates characters, themes and incidents	Art Integrated project on the given topic.
<b>HINDI</b>	पुनरावृत्ति: आंतरिक मूल्यांकन	आंतरिक मूल्यांकन-8 पुनरावृत्ति:-8	भाषायी कौशल जाँच	कक्षा परीक्षा मौखिक / लिखित

<b>SANSKRIT</b>	दशमः पाठः -कालोऽहम् (आन्तरिकमूल्याङ्कनम्) पुनरावृत्तिः	पुनरावृत्ति:-10	श्रवण , वाचन एवं लेखन कौशल	लेखन कौशल परीक्षा
<b>MATHS</b>	Revision of full syllabus, pre-board exam & internal assessment exam			
<b>SCIENCE</b>	<p><b>Physics</b> : Chapter-12 Magnetic Effects of Electric current Electromagnetic Induction;Electric Generator and Domestic Electric Circuit. Revision for Preboards</p> <p><b>Chemistry</b> : Revision for Preboards</p> <p><b>Biology</b> : Revision for Preboards</p>		<p><b>PHYSICS</b>:*Analyze that Phenomenon electromagnetic induction is the production of induced current. * Identify that generator converts mechanical energy into electrical energy. * Identify that Fuse is the most important safety device in Domestic circuit .</p>	<p>Physics: Class Test Chemistry: Class test Biology:Quiz/ Oral test</p>
<b>SST</b>	Revision Pre-Annual Exam (Full Syllabus)			
<b>AI</b>	Revision Of Full Syllabus			

IT	Revision Of Full Syllabus			
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# FEBRUARY

SUBJECT	CHAPTER/LESSON/TOPIC	NO. OF PERIODS	LEARNING OUTCOME	ACTIVITY
ENGLISH	Revision Of Full Syllabus			
HINDI	पुनरावृत्ति:	पुनरावृत्ति-19	भाषिक विकास	कक्षा परीक्षा मौखिक / लिखित
SANSKRIT	एकादश पाठ:-किं किम् उपादेयम् (आन्तरिकमूल्याङ्कनम्) पुनरावृत्ति:	पुनरावृत्ति:-12	श्रवण एवं वाचन कौशल	श्लोकोच्चारण परीक्षा
MATHS	Revision			

<b>SCIENCE</b>	<b>Physics</b> : Revision for Annual examination. <b>Chemistry</b> : Revision for Annual examination. <b>Biology</b> : Revision for Annual examination.			
<b>SST</b>	<b>REVISION:</b> - FOLLOW UP			
<b>AI</b>	Revision Of Full Syllabus			
<b>IT</b>	Revision Of Full Syllabus			

# MARCH

<b>SUBJECT</b>	<b>CHAPTER/LESSON/TOPIC</b>	<b>NO. OF PERIODS</b>	<b>LEARNING OUTCOME</b>	<b>ACTIVITY</b>
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<b>ENGLISH</b>	Final Exam			
<b>HINDI</b>	वार्षिक परीक्षा (AS PER CBSE)			
<b>SANSKRIT</b>	वार्षिक -परीक्षा			
<b>MATHS</b>	CBSE BOARD EXAM			
<b>SCIENCE</b>	CBSE BOARD EXAM			



<b>SST</b>	Final Exam			
<b>AI</b>	CBSE BOARD EXAM			
<b>IT</b>	CBSE BOARD EXAM			