

SESSION 2026-27

MONTHWISE BIFURCATED CURRICULUM PLAN

CLASS - IX



ENGLISH

MONTH	UNIT / TOPICS	Activities (Chapter-wise)	Hands-on Learning / Map Work / Project works	Art integrated Learning
APRIL	Literature : Unit 1 Ch - 1 How I Taught My Grandmother to Read (Prose)	Storytelling Session, Turncoat Debate, Vocabulary Web, Role play depicting the grandmother's first day at school	Interview grandparents about their learning experiences and prepare a report	Design an illustrated memoir page depicting grandmother's literacy journey, Prepare a scrap book titled "Learning Has No Age"
	Ch - 1 Bharat Our Land (Poem)	Poetry recitation, spelling/vocabulary activities. Quiz on Indian Heritage, Know My India Presentation	Prepare an interdisciplinary project on India's major geographical features. For each feature, describe the region, explain its importance in the lives of the people living there and mention the languages spoken in that region.	Create a collaborative folk art mural using Madhubani/Warli/ Gond motifs based on the poem OR Translation of National Anthem in English with meaning
	Grammar: Tenses	Headline Hunt Activity (students collect newspaper headlines and classify tenses), Grammar Relay	Prepare a Tense Portfolio using newspapers, magazines or digital sources	Design a visual infographic depicting personal milestones using different tense forms.

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	Writing Skills: Formal Letters Paragraph writing	Letter Writing Workshop, Peer Editing Activity *Write a paragraph about a place that you have visited which has stayed in your memory.	Draft letters on local issues and display them on a class notice board.	Design a newspaper editorial page featuring students' letters. Create an illustrated descriptive panel integrating sketches and captions.
MAY - JUNE	Literature Unit-02 CH-02 The Pot Maker (Prose)	Role Play depicting a potter's life; Hot Seating Activity; Vocabulary Enrichment	*Prepare a role-play between Sentila and the chosen character.	Clay Modelling Workshop.
	CH-02 Gifts of Grace: Honouring Our Vocations (Poem)	*Visit the website https://www.msde.gov.in/ Collect information on any one vocation of your choice. Prepare a presentation explaining the following. Reason for your choice How is it helpful to the society and self?	Conduct interviews with workers in the locality and prepare a reflection journal	Vocational Portrait Gallery depicting artisans, farmers, carpenters, weavers etc.

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	Grammar	Grammar Treasure Hunt; Advertisement Analysis	Collect newspaper advertisements and identify determiners	Creative Advertisement Designing using appropriate determiners
	Determiners			
	Writing Skills Reflective writing -Poster Writing* Descriptive writing Descriptive Paragraph	Poster Exhibition Competition Picture Prompt Writing; Gallery Walk	Personal Reflection Journal Awareness Campaign on Environmental Conservation Observation-based Nature Journal	Decorative Reflective Journal Cover inspired by indigenous art Digital/Handmade Awareness Posters Illustrated Descriptive Panel
MAY : PT:-1 CHAPTER/ TOPICS:- Literature: CH-1 How I Taught My Grandmother to Read CH-1 Bharat Our Land Grammar - Tenses and Writing- Formal Letter Writing.				
JULY	Literature Unit- 03 CH-03 Winds of Change (Prose)	*Group speaking activity	Make your own hand fan. Display the hand fans in the class and describe the process used to make it.	Artistic Scrapbook titled Treasured Memories
	CH-03 Canvas of Soil (Poem)	*Write a descriptive piece of two to three paragraphs describing the details and colours in the garden you have visited.	MINI PROJECT –Do research and collect information on any FIVE famous gardens of India, such as Amrit Udyan, Brindavan Gardens, and many	Prepare natural pigments

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			others. Focus on history, design elements, and cultural significance Prepare a short report and make a presentation	
	Grammar Clauses	Clause Puzzle Challenge; Sentence Construction Race	Clause Portfolio Preparation	Sentence Wheel depicting different types of clauses
	Writing Skills Notice Writing Factual Description	School Event Simulation Observation Walk, Object Description Challenge	Prepare Notices for School Events Maintain an Observation Journal	Creative Notice Board Designing. Create an illustrated information panel with labelled visuals
JULY : PT:-2 CHAPTER/ TOPICS:- Literature: Unit-02 CH-02 The Pot Maker (Prose), CH-02 Gifts of Grace: Honouring Our Vocations (Poem), Unit- 03 CH-03 Winds of Change (Prose), CH-03 Canvas of Soil (Poem) Grammar – Determiners, Clauses and Writing- Notice Writing				
AUGUST	Literature Unit-04 Ch-04 Vitamin-M (Prose)	SPEAKING ACTIVITY ON INTONATION	Family Memory Album Compilation	Artistic Scrapbook titled Treasured Memories
	Ch-04 I Cannot Remember My Mother (Poem)	Reflective Note on Family Bonds	Make list of 10 sensory words each of Visual, Auditory, Olfactory, Tactile and Gustatory.	Gather more information on unique flowers of India—where they are found, how they look, what smell they emit,

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			others. Focus on history, design elements, and cultural significance Prepare a short report and make a presentation	and what the historical significance is, if any. [For example, Kurinji or Neelakurinji that blooms once in twelve years.]
	Grammar: Reported Speech Prepositions*	News Reporter Activity; Dialogue Conversion Game Treasure Hunt Activity; Position Mapping	Collect dialogues from newspapers and transform them into reported speech Classroom Mapping Exercise Artistic Treasure Map Preparation	Comic Strip Creation converting direct to indirect speech Artistic Treasure Map Preparation
	Writing Skills: Formal e-mail Diary Entry*	Email Writing Workshop, Peer Editing Session, Inbox Simulation Activity, Digital Communication Etiquette Discussion Reflective Diary Writing Session	Draft formal emails on real-life situations (leave application, complaint, enquiry, invitation) and compile them into an Email Portfolio Personal Diary Maintenance	Design a Digital Email Interface Template or create an Illustrated Flowchart depicting Email Etiquette and Structure Artistic Diary Cover Designing

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SEPTEMBER: TERM :-1/ HALF YEARLY EXAMINATION				
OCTOBER	Literature Unit- 05 CH-05 The World of Limitless Possibilities (Prose)	Inspirational Talk Show; Goal-sharing Session OR INTERVIEW the sports captain and the sports coach of your school.	Career Exploration Portfolio	Vision Board Preparation
	Ch-05 Nine Gold Medals (Poem)	HUMAN BAR GRAPH ACTIVITY (USE SENTENCE STARTER)	Slogan writing OR Create an Infographic on any sports	Inclusive Sports Poster Campaign
	Grammar -Modals	Modal Situation Cards; Advice Clinic Activity	Prepare a handbook on school rules using modals	Design Safety Awareness Signages using modal expressions
	Writing Skills: Slogan Writing*	Slogan Competition	Awareness Campaign	Artistic Slogan Banner Designing
NOV.	Literature Unit- 06 CH-06 Twin Melodies (Prose)	Stress Intonation Activity - (Speaking Activity)	Make a list of indigenous instruments that are used in your region.	Musical Collage depicting Indian Instruments
	CH -6 A Friend Found in Music (Poem)	Role Play (Speaking Activity)	Invitation Letter	Album Cover Designing
	Grammar – Subject-Verb Agreement	Grammar Escape Room, Error Detective Challenge	Collect errors from newspapers/social media and edit them	Create a digital grammar infographic titled

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				"Agreement Matters"
	WRITING Invitation Writing Play Script Writing*	INVITATION EXCHANGE ACTIVITY Script Writing Workshop	Prepare invitation cards for hypothetical events Prepare a Mini Play	Handmade Invitation Card Designing Puppet Theatre Presentation
	Informal Letter Writing *	Peer Exchange Activity	Letter Exchange Programme	Handmade Illustrated Postcards
NOVEMBER : PT:-3 CHAPTER/ TOPICS:- Literature: Unit- 05 CH-05 The World of Limitless Possibilities (Prose), Ch-05 Nine Gold Medals (Poem), Unit- 06 CH-06 Twin Melodies (Prose), CH -6 A Friend Found in Music (Poem) Grammar – Modals and Writing- Informal Invitation Writing				
DEC.	Literature Unit- 07 CH-07 Carrier of Words (Prose)	Vocabulary Games; Character Interview	Multilingual Word Collection	Multilingual Word Wall
	CH -07 Words (Poem)	POETIC DEVICE ACTIVITY	Design 'Non verbal Game'	Typography Art using meaningful words
	Grammar – Editing/Omission	Error Detective Challenge	Editing Newspaper Articles	Newspaper Editing Desk Activity
	Condolence Writing*	Writing Workshop	Reflection Writing Essay Portfolio	Condolence Card Designing
	Narrative Essay Writing	Peer Review Session	Preparation	Storyboard Planning

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JAN. 27	Literature Unit- 08 CH-08 Unit-8: Follow That Dream (Prose)	Motivational Speech Activity TED-style Talk	Goal-setting Journal	Dream Catcher Project
	Literature Unit- 08 CH-08 Believe in Yourself (Poem)	Choral Recitation; Affirmation Circle	Self-Reflection Sheet	Self-Portrait with Positive Affirmations
	Grammar: Conditional Clause	What if...?" Speaking Chain Activity, Situation Analysis Game	Prepare a booklet of real-life conditional situations	Design a cause- effect flowchart creatively depicting conditional clauses
	Writing Skills: Magazine Article Writing Speech Writing*	Editorial Board Workshop Extempore Speaking Activity, Speech Delivery Competition, Peer Feedback Session, Public Speaking Workshop	Class Magazine Preparation Prepare and deliver a speech on a contemporary social issue and compile it in a Speech Portfolio	Magazine Page Designing Design an Illustrated Speech Poster highlighting the theme with relevant quotes, sketches and slogans
FEBRUARY -2027 : ANNUAL EXAMINATION				

HINDI

माह/ अवधि	गद्य खंड	काव्य खंड	व्याकरण	लेखन कार्य	आवधिक परीक्षा	Activities (Chapter wise)	Hands-on Learning / Map Work / Project works (Chapterwise)	Art integrated Learning (Chapterwise)
APRIL	दो बैलों की कथा	रैदास के पद	शब्द निर्माण: उपसर्ग, प्रत्यय	अनुच्छेद लेखन		भूमिका- अभिनय, प्रश्नोत्तर, पदगान, भावार्थ चर्चा	पशु-प्रेम पर पोस्टर बनाना, संत कवियों की जानकारी संग्रह	बैलों का चित्रांकन, रैदास का जीवन चार्ट
MAY	क्या लिखूँ?	राम- लक्ष्मण- परशुराम संवाद	संज्ञा, सर्वनाम	पत्र लेखन : अनौप चारिक पत्र	PT 1 (दो बैलों की कथा, शब्द निर्माण: उपसर्ग, प्रत्यय)	'क्या लिखूँ' शीर्षक पर कविता लिखकर कविता वाचन	रचनात्मक लेखन, पात्र- विश्लेषण	कविता का चित्रात्मक प्रस्तुतीकरण
JUNE	संवाद हीन	राम- लक्ष्मण- परशुराम संवाद	विशेषण क्रिया	संवाद लेखन		संवाद पाठ, पुनरावृत्ति	वर्कशीट	संवाद मंचन, माइंड मैप
JULY	ऐसी भी बातें होती हैं	भारति, जय, विजय करे!	अर्थ की दृष्टि से वाक्य भेद	सूचना लेखन	PT 2 (रैदास के पद, क्या लिखूँ ?, संज्ञा, सर्वनाम)	समूह चर्चा, काव्य पाठ	संचार माध्यमों का अध्ययन, देशभक्ति गीत संग्रह	चार्ट निर्माण, तिरंगा पोस्टर
AUG.	आखिरी चट्टान तक	झाँसी की रानी	अलंकार: अनुप्रास, यमक, श्लेष			कहानी चर्चा, कविता वाचन, पुनरावृत्ति	अनुभव लेखन, स्वतंत्रता सेनानियों पर प्रोजेक्ट, मॉडल टेस्ट	चित्रकथा निर्माण, झाँसी की रानी का चित्र, चार्ट प्रस्तुति

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माह/ अवधि	गद्य खंड	काव्य खंड	व्याकरण	लेखन कार्य	आवधिक परीक्षा	Activities (Chapter wise)	Hands-on Learning / Map Work / Project works (Chapterwise)	Art integrated Learning (Chapterwise)
SEPT.	अर्धवार्षिक परीक्षा							
OCT.	रीढ़ की हड्डी	घर की याद	शब्द निर्माण: उपसर्ग, प्रत्यय	अनुच्छेद लेखन	PT 3 (संवाद हीन, राम- लक्ष्मण- परशुराम संवाद, विशेषण, क्रिया)	पठन एवं चर्चा, कविता वाचन	यात्रा-वृत्तांत लेखन, संस्मरण लेखन	प्राकृतिक दृश्य चित्रण, पारिवारिक वृक्ष बनाना
NOV.	मैं और मेरा देश	तब याद तुम्हारी आती है	संज्ञा, सर्वनाम, विशेषण, क्रिया	पत्र लेखन: अनौप चारिक पत्र		नाट्य प्रस्तुति, भाषण प्रतियोगिता पुनरावृत्ति	सामाजिक कुशितियों पर सर्वेक्षण, देशभक्ति लेखन, प्रश्न-पत्र अभ्यास	नाटक मंचन, भारत मानचित्र सज्जा, माइंड मैप
DEC.	निर्मल जीव सिंह 'सेवा'	पुनरा वृत्ति	अर्थ की दृष्टि से वाक्य भेद, अलंकार: अनुप्रास, यमक, श्लेष	संवाद लेखन, सूचना लेखन	PT 4 (झाँसी की रानी, रीढ़ की हड्डी, अलंकार)	अभ्यास कार्य	परियोजना फाइल	व्याकरण चार्ट
JAN.	सम्पूर्ण पुनरावृत्ति							
FEB.	वार्षिक परीक्षा							

अर्धवार्षिक परीक्षा पाठ्यक्रम : अप्रैल से सितंबर तक का सम्पूर्ण पाठ्यक्रम

वार्षिक परीक्षा पाठ्यक्रम : सम्पूर्ण पुस्तक, व्याकरण एवं लेखन

MATHEMATICS (041)

MONTH	UNIT / TOPICS	Activities (Chapter-wise)	Hands-on Learning / Map Work / Project works	Art integrated Learning	Mathematics at Advanced Level (Optional)
APRIL	Coordinate Geometry:- ❖ Brief history of coordinate geometry ❖ The 2-D Cartesian coordinate system ❖ Distance between two points in the 2-D plane ❖ Midpoint of the line segment between two points in the 2-D plane. Number System :- ❖ Introduction to rational numbers. ❖ Representation of rational numbers on the number line. ❖ Density of rational numbers and its proof. ❖ Finding rational numbers between any two rational numbers. ❖ Decimal representation of rational numbers. ❖ Introduction to irrational numbers. ❖ Proof of irrationality of $\sqrt{2}$ and $\sqrt{3}$ The square root spiral.	To find the values of abscissa and ordinates of various points given in a Cartesian plane. To represent some irrational numbers on the number line.	Design your Dream park on the Cartesian Plane. Number Line Adventure	Coordinate Pixel Art: Plot some points in the 2-D plane and colour the squares to reveal the picture. Number system Peacock Art	

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MONTH	UNIT / TOPICS	Activities (Chapter-wise)	Hands-on Learning / Map Work / Project works	Art integrated Learning	Mathematics at Advanced Level (Optional)
MAY - JUNE	Algebra :- Introduction to Polynomials :- ❖ Algebraic expressions. ❖ Definition of a polynomial. ❖ Degree of a polynomial ❖ Introduction to linear polynomials and applications ❖ Exploring linear patterns ❖ Modelling linear growth and linear decay ❖ Linear relationships ❖ Visualising linear relationships ❖ Slope and y-intercept of a line $y = ax + b$. Exploring Algebraic Identities: ❖ Revisiting algebraic identities ❖ Visualising identities using geometrical models ❖ Factorisation of algebraic expressions using identities. ❖ More identities and their applications.	Classification of Polynomials based on number of terms. To verify the algebraic identity $(a+b)^2 = a^2 + 2ab + b^2$ $(a-b)^2 = a^2 - 2ab + b^2$ $a^2 - b^2 = (a+b)(a-b)$ $(a+b+c)^2 = a^2 + b^2 + c^2 + 2ab + 2bc + 2ca$.	To understand the concept of polynomials, To identify different types of polynomials. To learn degree, terms and coefficients. To apply polynomials in real life situations. Algebra with Squares and Rectangles.	Create a colourful garden using flowers, leaves, butterflies and trees where each part represent different polynomials. Identity art wall pattern: To understand and visually explore algebraic identities.	Coordinate Geometry:- Introduction: The Language of Graphs. The Cartesian System. Explore Four Quadrants. Moving Points: The Magic of Reflections. Coordinates as Perpendicular Distances. The Concept of Slope (Gradient). Properties of Slope. Intercept : The y-intercept & The x-intercept. Different Forms of the Equation of a Line.: General form: $Ax + By + C = 0$ Slope-Intercept form: $y = mx + c$ Intercept Form: $\frac{x}{a} + \frac{y}{b} = 1$

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MONTH	UNIT / TOPICS	Activities (Chapter-wise)	Hands-on Learning / Map Work / Project works	Art integrated Learning	Mathematics at Advanced Level (Optional)
	❖ Visualising factorisation of quadratic expressions through algebra tiles and without using algebra tiles. ❖ Finding new identities. ❖ Simplifying rational expressions.				
JUNE : PT-I CHAPTER-1-THE USE OF COORDINATES					
JULY	Algebra:- Sequences and Progressions:- ❖ Introduction to sequences. ❖ Explicit or general rule of a sequence ❖ Recursive rule of a sequence. ❖ Arithmetic Progressions ❖ (AP): nth term, visualising an AP, and practical context leading to APs ❖ Sum of the first n natural numbers. ❖ Geometric Progression(GP) : nth term, visualising a GP, and practical contexts leading to GPs	To prepare Pattern Staircase(A.P.) Paper Folding Growth(G.P.)	Sequence Hunt : Collect 5 real-life examples of A.P. and G.P. Write their pattern. Identify whether they are A.P or G.P. Find first term and common difference/ratio.	Create rangoli patterns: Repeating addition patterns-A.P. Expanding multiplication patterns-G.P.	Exploring Some More Progressions: Introduction. Sum of the first n terms of Geometric Progression. Infinite Geometric Progression. Method of Differences and Combinatorics.

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MONTH	UNIT / TOPICS	Activities (Chapter-wise)	Hands-on Learning / Map Work / Project works	Art integrated Learning	Mathematics at Advanced Level (Optional)
	❖ Applications of GP in fractals. ❖ Tower of Hanoi puzzle. Geometry:- Introduction to Euclid's Geometry : Axioms and Postulates:- ❖ History of geometry ❖ Constructing a square with a given side as described in the Baudhayana's Sulbasutras. ❖ Discovering Euclid's definitions. ❖ Axioms: Axioms of measurement and rules for geometric objects. Lines and Angles: - ❖ Rays and angles. ❖ Measures of angles. ❖ Intersecting lines and angles. ❖ Pairs of angles. ❖ Theorems and examples on intersecting lines. ❖ Theorems and examples on parallel lines.	Euclid's First Axiom (Real Life Test): Things which are equal to the same thing are equal to one another. Angle Hunt with Angle Hunt with Matchsticks : To understand different types of angles formed by intersecting lines and parallel lines using simple materials.	Euclid's First Postulate (Straight Line Test). Angle Construction (Using Compass). Measuring Angles in Real Objects. Paper Folding Angle Formation. Road Map Angle Study.	Geometric Mandala Design. Rangoli Pattern Using Geometry Point to Pattern Drawing. Warli art through lines and angles : To understand different types of angles and pairs of angles. To integrate Mathematics with art using traditional Indian Warli patterns.	
JULY: PT-II :- CHAPTER-2 INTRODUCTION TO LINEAR POLYNOMIALS, CHAPTER-4 EXPLORING ALGEBRAIC IDENTITIES					

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AUG.	Triangles: Congruence Theorems ❖ Practical applications of triangles ❖ Proofs of conditions of congruence of triangles ❖ Theorems on triangles ❖ Propositions and their converse ❖ Problems based on applications of theorems on triangles. Mensuration :- Area and Perimeter : ❖ Perimeter of shapes. ❖ Perimeter of a circle: Introduction to π and its irrationality. ❖ Length of an arc. ❖ Area of shapes: rectangles, parallelograms, and triangles. ❖ Heron's formula. ❖ Squaring a rectangle : Proof from Baudhayana's Sulbasutras ❖ Area of a circle: derivation	To verify experimentally the different criteria for congruency of triangles using triangle cut outs. Finding the area of a triangle using Heron's Formula.	School Garden Design : To design and calculate area/perimeter of your school garden.	Create a colourful village scene using rectangles, parallelograms, triangles and circles, then calculate the area and perimeter of each shape used in the art work.	Logarithms: Introduction to Logarithms. Understanding Logarithms as the Inverse of Exponents. Logarithms Properties. Logarithm to base 10: Rules of common logarithms Logarithms Across Subjects. Solving Logarithmic Equations: The Search for 'x'. Enrichment- Graph of logarithmic and exponential functions.

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	❖ Area of the sector of a circle. ❖ Brahmagupta's formula for area of a cyclic 4-gon. ❖ Heron's formula as a special case of Brahmagupta's formula. Probability:- Introduction to Probability ❖ Concept of probability and randomness. ❖ The probability scale. ❖ Empirical probability : ❖ Analyzing statistical data and performing experiments ❖ Theoretical probability: ❖ Sample space and events. ❖ Representing probability through tree diagrams and tables.	Coin Toss Experiment: To understand theoretical and experimental probability.	Coin Toss Understanding Uncertainty Dice Rolling Sample Space Idea Bag of objects- Real Life Probability.	Probability Wheel (Colour Art) Tree of Probability Art.	
SEPTEMBER: TERM-I/ HALF YEARLY EXAMINATION					

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OCT.	Geometry :- Circles :- ❖ Practical applications and uses of circles. ❖ Definitions related to a circle- centre, diameter and radius. ❖ Chords and the angles they subtend. ❖ Midpoints and perpendicular bisectors of chords. ❖ Distance of chords from the centre. ❖ Subtended angles by an arc. - Cyclicity of points.	To verify that the opposite angles of a cyclic quadrilateral are supplementary.	Exploring Basic Properties of a Circle: To understand radius, diameter, chord and centre of a circle through drawing and observation.	To connect Mathematics with Indian art forms like mandala and rangoli.	SETS : Introduction. Representation of a set. Finite and Infinite Sets. Empty or Null Sets. Equality of sets. Subset. Cardinality of a set. Power Set. Universal Set. Venn Diagram. Set Operations Complement of a Set. Application of Sets.
NOV.	Mensuration:- Surface Area and Volume:- ❖ Surface areas and volumes of spheres (including - hemispheres) and right circular cones.	To obtain the formula for the surface area of a sphere. To find the relationship among the volumes of a right circular cone and a hemisphere of equal radii and equal heights.	Cone Activity- Paper cone and water filling. Sphere Activity- Volume of ball by water displacement.	Create an interactive 3D Geometric Origami Museum. Design miniature 3D Sculptures like The Taj Mahal, a modern skyscraper. Alongside each model, artistically display the	Relations and Functions : Introduction. Ordered Pairs. Cartesian Product of Sets. Relations Functions. Some Functions and their graphs.

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				geometric formulae, Calculate surface areas and volumes to visually demonstrate math concepts in a real-world setting.	
NOVEMBER- PT-III - CIRCLES & SURFACE AREA AND VOLUME					
DEC.	Linear Equations in Two Variables:- ❖ Introduction to linear equations in two variables through practical examples. ❖ Solution of linear equation in two variables: ❖ Graphical representation ❖ Slope-intercept form of linear equation in two variables. ❖ Drawing graphs of linear equations when x and y assume only certain values. ❖ Pair of linear equations in two variables.	To obtain the conditions for consistency and inconsistency of a system of linear equations graphically.	My Shop Budget (Linear equations in two variables)	Mathematical wall art using Linear Equations.	Combinatorics: Introduction: The Mathematics of possibilities. The Fundamental Principle of Counting (FPC). Factorials. Permutations: When Order Matters. Combinations: When Order Does NOT Matter. Combinatorics in the Modern World.

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SCIENCE (PHYSICS)

MONTH	UNIT/TOPICS	ACTIVITIES (CHAPTERWISE)	Hands-on Learning /MapWork/Project works (Chapterwise)	Art integrated Learning (Chapterwise)
APRIL	CH-4 Describing Motion Around Us Distance and displacement, velocity; uniform and non-uniform motion along a straight line; acceleration. Distance-time and velocity-time graphs for uniform motion and uniformly accelerated motion.	Plotting of distance-time and velocity time graphs using an inclined plane.	Measuring Speed by Walking. Understanding the difference between distance vs displacement.	Create a motion story chart showing an object's journey, such as a car traveling from home to school. Include drawings or photos showing uniform and non-uniform motion.
MAY - JUNE	CH-4 Describing Motion Around Us Kinematic equations for motion in a straight line with constant acceleration (by graphical method), elementary idea of uniform circular motion.	Represent data in multiple modes, including tables, graphs and visual representations, and interpret and draw inferences from the data.	Plot and interpret position-time graphs and velocity-time graphs to describe the motion of an object moving in a straight line in one direction (with constant velocity and constant acceleration)	Motion Graph Art Draw colorful: ·Distance-Time Graph ·Velocity-Time Graph. ·Position-Time Graph.
JUNE: PT: -1 CHAPTER/ TOPICS: -Describing Motion Around Us				

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MONTH	UNIT/TOPICS	ACTIVITIES (CHAPTERWISE)	Hands-on Learning /MapWork/Project works (Chapterwise)	Art integrated Learning (Chapterwise)
JULY	CH-6 How Forces Affect Motion Force and Motion, Force of friction Newton's Laws of Motion: ·Newton's first law of motion ·Newton's second law of motion ·Newton's third law of motion Action and Reaction forces, Inertia of a body	Verification of Newton's Second Law of Motion using a trolley, pulley and hanging masses.	Measuring the weight of an object using a spring balance, pushing a box kept on table or floor, Coin on a Card Experiment.	Prepare a 3D model or chart showing Newton's Three Laws of Motion with real-life examples: 1st Law - a soccer ball at rest until kicked.
PT: -2 CHAPTER/ TOPICS: -How Forces Affect Motion (Newtons first & Second law of motion)				
AUGUST	CH-6 How Forces Affect Motion Inertia and mass, Momentum, Force and Acceleration, Forces Acting on a System of Objects + Revision	Stretching two spring balances connected together are pulled in opposite directions	Tug-of-War, Balloon Rocket Experiment.	2nd Law – pushing loaded vs empty trolley, 3rd Law - Decorate examples with cutouts or photos and optionally demonstrate a balloon rocket experiment.
SEPTEMBER: TERM: -1/ HALF YEARLY EXAMINATION				

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MONTH	UNIT/TOPICS	ACTIVITIES (CHAPTERWISE)	Hands-on Learning /MapWork/Project works (Chapterwise)	Art integrated Learning (Chapterwise)
OCT.	CH - 7 Work, Energy, and Simple Machines Concept of work; work done by a constant force Work-Energy theorem Mechanical energy, kinetic and potential energy, and conversion between potential energy and kinetic energy	Verification of law of conservation of energy using a simple pendulum.	Measure work done while lifting objects, construct a simple pulley or lever model, calculate efficiency of simple machines used in daily life.	Prepare a colourful working model/chart showing the six simple machines and their real-life applications.
NOV.	CH - 7 Work, Energy, and Simple Machines Conservation of energy Power Simple machines and their mechanical advantage (pulley, inclined plane, lever)	Calculation of Mechanical Advantage of a lever using the formula $M.A = \text{Load} / \text{Effort}$.	Investigate inclined plane and pulley systems, group project on energy conservation using simple machines.	Create a collage or infographic on "Simple Machines Around Us" using local examples.
PT: -3 CHAPTER/ TOPICS: -Work, Energy, and Simple Machines				

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MONTH	UNIT/TOPICS	ACTIVITIES (CHAPTERWISE)	Hands-on Learning /MapWork/Project works (Chapterwise)	Art integrated Learning (Chapterwise)
DEC.	CH - 10 Sound Waves: Characteristics and Applications Production of sound Propagation of sound (as a longitudinal wave through a medium) Graphical representation of sound wave Characteristics of sound wave (wavelength, frequency, time period, amplitude, intensity, speed) Human perception of sound (pitch, loudness) Propagation of sound in different media (solid, liquid) Reflection of sound (echo, reverberation), echolocation	Determination of speed of a pulse propagated through a stretched string/slinky (helical spring).	Demonstrate sound using tuning forks or rubber bands, measure vibrations, investigate echoes, prepare a simple string telephone.	Draw and label longitudinal waves, prepare a poster / model on applications of sound (SONAR, medical imaging, communication).
JAN. 27	Revision			
FEBRUARY -2027: ANNUAL EXAMINATION				

SCIENCE (CHEMISTRY)

MONTH	UNIT/TOPICS	ACTIVITIES (CHAPTERWISE)	Hands-on Learning /MapWork/Project works (Chapterwise)	Art integrated Learning (Chapterwise)
APRIL	CH-5 EXPLORING MIXTURE AND THEIR SEPERATION -Classification of mixture -solution -concentration of solution	1.To prepare homogeneous and heterogeneous mixtures. Preparation of: a) a true solution of common salt, sugar and alum b) a suspension of soil, chalk powder and fine sand in water distinguish between these on the basis of transparency filtration criterion stability Tyndall's effect	Prepare a project by investigate the physical properties of a true solution, determine the effect of temperature on solubility limits, and calculate mass- percentage concentrations.	The Quick-Scan: Teams get 20 seconds per dish to look at the mixture from the top and the side. The Boundary Check: Students must count the number of visible "phases" (layers or distinct types of particles). The Verdict: If Phase Count = 1, it is labeled Homogeneous. If Phase Count 2 or more than 2, it is labeled Heterogeneous.
MAY - JUNE	CH - 5 EXPLORING MIXTURE AND THEIR SEPERATION -Solubility of substances -Methods of separation of homogeneous mixture	1.Create a set-up with the items easily available to you To obtain clean water by distillation 2. To prepare crystals of copper sulphate.	1.Well labelled diagram of distillation set-up. 2.To make a model of centrifuge.	Take clean plastic water bottle (to convert into a DIY separating funnel), a thumb tack or pin, three paper cups, and a stopwatch.

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MONTH	UNIT/TOPICS	ACTIVITIES (CHAPTERWISE)	Hands-on Learning /MapWork/Project works (Chapterwise)	Art integrated Learning (Chapterwise)
	• Crystallisation • distillation • fractional distillation • Deg-bhapka method • Paper chromatography			
JUNE: PT: -1 CHAPTER/ TOPICS: - CHAPTER-5 UPTO SEPARATION OF HOMOGENEOUS MIXTURE				
JULY	-Methods of separation of heterogeneous mixture • Separation of two immiscible liquids • Sublimation • Suspension • Centrifugation • Coagulation -Colloids -Tyndall effect CH- 8 THE JOURNEY INSIDE THE ATOM -Rediscovering the roots of atomic theory	Separation of components of mixtures using different techniques: a) Oil and water - Separating Funnel b) Colours in black ink - Paper Chromatography c) Ammonium chloride and common salt - Sublimation d) muddy water using alum- Coagulation 'Atomic Prediction Board' game based on atomic number, mass number, number of electrons, protons, neutrons and valency.	1.To write name of some common elements and their symbols on chart paper. Prepare a report on how the properties of atoms impact us in everyday life across fields, such as healthcare, energy, agriculture and technology.	Build a 3D tactile collage inside a shallow cardboard box lid to depict the "Before and After" of a muddy water suspension. Create a role-play stage play or story about the 'Journey Inside the Atom', and the scientists who discovered and contributed to the identification of atomic structure.

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MONTH	UNIT/TOPICS	ACTIVITIES (CHAPTERWISE)	Hands-on Learning /MapWork/Project works (Chapterwise)	Art integrated Learning (Chapterwise)
	-Historical journey through atomic Model -Cathode ray experiment -Thomson's model of an atom -Testing Thomson's Model: The gold foil experiment (Alpha ray scattering experiment)	Students may predict elements using atomic clues.		
PT: -2 CHAPTER/ TOPICS: - COMPLETE CHAPTER -5, CHAPTER - 8 UPTO ALPHA RAY SCATTERING EXPERIMENT.				
AUGUST	CH-8 THE JOURNEY INSIDE THE ATOM -Rutherford's model of an atom -Limitations of Rutherford's Model -Discovery of the Protons -Bohr's Model of the atom -Discovery of the neutron - symbols of elements	1. Physically arrange themselves to build stable atomic models of the first 18 elements on the blank white sheet. 2. step-by-step electronic configuration of the first 18 elements (Hydrogen to Argon). 3. Compete to spell out real English words using only valid chemical element symbols.	1. To draw schematic atomic structure of the first eighteen elements showing their electronic configuration. 2. Create animations or simulations of various atomic models, and share them in the class. 3. Draw a bar graph showing the number of electrons in each energy level for any three elements	By using base package of clay / playdough (two different colors), thin flexible metal craft wire, and circular cardboard backing sheets. Step-1-Draw three perfect concentric rings on their cardboard sheet using a compass. Step-2-label the rings K (n=1), L (n=2), and M (n=3). Step-3- use small

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MONTH	UNIT/TOPICS	ACTIVITIES (CHAPTERWISE)	Hands-on Learning /MapWork/Project works (Chapterwise)	Art integrated Learning (Chapterwise)
	-Atomic number -Mass number -Electrons distribution in different energy levels -valency -Isotope -Isobar	Like. B-O-S-S =B (Boron), O (Oxygen), S (Sulfur), S (Sulfur)	1.To draw schematic atomic structure of the first eighteen elements showing their electronic configuration. 2.Create animations or simulations of various atomic models, and share them in the class. 3.Draw a bar graph showing the number of electrons in each energy level for any three elements	tiny black beads to glue down the electrons strictly following the Bohr-Bury rule
SEPTEMBER: TERM: -1/ HALF YEARLY EXAMINATION				
OCTOBER	CH-9 ATOMIC FOUNDATIONS OF MATTER -Physical and chemical changes -Law of conservation of mass -Law of constant proportion -Dalton's atomic Theory	1.To verify law of conservation of mass.	Compare atoms and ions of any three elements. Show the number of electrons before and after ion formation using bar graphs.	Write down the postulates and drawbacks of Daltons atomic theory in chart paper.
NOV.	CH - 9 ATOMIC FOUNDATIONS OF MATTER -combining capacity of atom Via Sharing of	Creating Sodium Chloride (NaCl) In the left box, use your Red Pen to draw the 1 valence electron of Sodium (Na).	1.Showing bond formation in simple molecules and writing properties of covalent compounds.	Make a card game with cations and anions. Possible ideas may include — ● Pick cards from the pile or from

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MONTH	UNIT/TOPICS	ACTIVITIES (CHAPTERWISE)	Hands-on Learning /MapWork/Project works (Chapterwise)	Art integrated Learning (Chapterwise)
	electrons or transfer of electrons ●Bonding by sharing electrons -covalent bond ●Bonding by electron transfer - Ionic bond -Writing chemical formulae.	Use your Blue Pen to draw the 7 valence electrons of Chlorine (Cl). Draw a big Green Arrow showing the electron moving from Sodium to Chlorine.		open cards and match them with cards in your hand to form compounds. You may discard any unwanted cards. ●Ask other players for cards and form compounds using the cards they already have.
PT: -3 CHAPTER/ TOPICS: - CHAPTER- 9 UPTO FORMULAE WRITING				
DEC.	CH - 9 ATOMIC FOUNDATIONS OF MATTER Properties of Ionic and Covalent compound -Molecular mass of covalent compound	Structures with mathematical calculation tags, perfect for an exhibition display.	1.To set-up an experiment for electrical conductivity of a solution of ionic compound.	Use structured step-by-step calculations for common daily-life compounds like water, glucose, methane, carbon dioxide.
JAN.	CH - 9 ATOMIC FOUNDATIONS OF MATTER -Formula unit mass of Ionic compound And REVISION OF CH-5, CH-8, CH-9.	Practice writing key definitions to write exact scientific keywords on your answer sheet along with flow charts.	Create mind maps with specific details of CH-5, CH-8 and CH-9	Complete revision of CH-5, CH-8, CH-9
FEBRUARY -2027: ANNUAL EXAMINATION				

SCIENCE (BIOLOGY)

MONTH	UNIT/TOPICS	ACTIVITIES (CHAPTERWISE)	Hands-on Learning /MapWork/Project works (Chapterwise)	Art integrated Learning (Chapterwise)
APRIL	Ch-2Cell:The building block of life. (No of periods – 12) Discovery of cell Plant and animal cells Prokaryotic and eukaryotic cells.	Activity 2.1 – To estimate the size of a cell using the given formula	Potato osmosis experiment – To measure initial and final weight of potato cubes	Explain the structure of different types of cells using diagram
	Cell as a structural and functional unit of life; structure and function of key organelles (nucleus, mitochondria, chloroplast, endoplasmic reticulum, vacuoles, plasma membrane, cell wall)	Prepare temporary slides of thin peel of an onion leaf or a roheo leaf	Demonstration of osmosis using raisins – Place shriveled raisins in pure water. Take those Swollen raisins and place them in highly concentrated solution. Record your observations.	❖ Draw diagrams to explain the structure of plant cell, animal cell and bacterial cell.
	Permeability of cell membranes Explain the role of cell division mitosis and meiosis in creating similarities and variations			

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MONTH	UNIT/TOPICS	ACTIVITIES (CHAPTERWISE)	Hands-on Learning /MapWork/Project works (Chapterwise)	Art integrated Learning (Chapterwise)
MAY - JUNE	Cellular division and cancer Recent advancement in cell biology	Observing onion root tips under a microscope for mitosis		Make a thermocol model for biology lab on the topic of cell division
	Ch-3 Tissue in action (No of periods 13) Tissue: Introduction and importance Level of organisations in the living organism. Difference between plant and animal tissue	Carry out an experiment to understand the growth in plants due to apical meristem. Prepare graph and tabular experimental data	Prepare model of plant cell and animal cells.	Draw T.S of internal structure of sunflower stem
	Types of plant tissues Meristematic tissues (types, structure and functions of each) Parenchyma, Collenchyma and sclerenchyma Permanent tissues (types, structure and functions of each) Xylem and Phloem	To study the structural characteristics of parenchyma, Collenchyma and sclerenchyma tissue using permanent slides or fresh specimen	Represent the data of plant tissue in the form of a mind map with functions	Prepare a project file on the topic plant tissue.

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MONTH	UNIT/TOPICS	ACTIVITIES (CHAPTERWISE)	Hands-on Learning /MapWork/Project works (Chapterwise)	Art integrated Learning (Chapterwise)
JUNE: PT: -1 CHAPTER/ TOPICS: - Chapter 2 – Cell; The building block of life				
JULY	Animal tissues Overview (epithelial, connective, muscular and nervous tissue – types, structure and functions of each) Relate the structure of different types of tissues with their functions Elementary idea of musculoskeletal system	Activity 3.4 Let's investigate – What percentage of total body weight comes from bones and muscles	Represent the data of animal tissue in the form of a mind map with colourful diagrams and functions on a chart paper	Discuss significant contribution of India, for example, Professor Sipra Guha Mukherjee and Professor S.C Maheshwari for their significant contribution in plant cell and tissue culture research in India in the form of table Build a 3D model of nerve cell. To show how your body transmit signals
	Establish the correlation between different tissues for fitness, for example, role of muscles, cartilage and bones Types of joints Care of musculoskeletal system: injuries, postural care, nutrition and exercise	Explain the importance of yoga exercises for physical agility and in maintaining the correct posture	Apply learning of structure and function of muscle cells or joints in dance form and/ or sports. Identify the type of joints on A4 sheet	Build a cardboard and paper Fastener model of the elbow joint

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MONTH	UNIT/TOPICS	ACTIVITIES (CHAPTERWISE)	Hands-on Learning /MapWork/Project works (Chapterwise)	Art integrated Learning (Chapterwise)
PT: -2 CHAPTER/ TOPICS: - Chapter 3 – Tissue in action				
AUGUST	Chapter 11 – Reproduction: How life continues (No of periods – 13) Introduction to different forms of reproduction – sexual and asexual	To prepare a temporary wet Mount slide of yeast	Activity 11.1 – Observe the techniques of cutting, grafting and layering. Record your observations in notebook	Illustrate the structure of plant reproductive system or unit (longitudinal section of a flower showing its different parts
	Types of asexual reproduction with examples Sexual reproduction in flowering plants (flower and its parts, pollination, fertilization, seed dispersal)		Carefully deconstruct a flower (Hibiscus) to identify, count and physically touch the reproductive organs of plants	Create a colourful 3D model of hibiscus flower
	Differentiate between ovule and seed; ovary and fruit	Visit a local market and collect various fruits. Open them to inspect the ovaries and internal seeds		Prepare a list of local plants and trees in Jharkhand
SEPTEMBER: TERM: -1/ HALF YEARLY EXAMINATION				
OCTOBER	Sexual reproduction in humans: male and female reproductive			

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MONTH	UNIT/TOPICS	ACTIVITIES (CHAPTERWISE)	Hands-on Learning /MapWork/Project works (Chapterwise)	Art integrated Learning (Chapterwise)
	system (structure and function, formation of gametes, sperm and egg) Fertilization in humans, pregnancy and development of embryo, menstrual cycle.	❖ Experiment - To test how fungi (mold) grow, decompose organic matter and thrive under specific environmental conditions	❖ Make observation table to study parts of a flower.	❖ Make observation table to study parts of a flower.
	Reproductive health and hygiene Introduction to birth control methods and its importance			
	Recognize the significance of contraceptive devices for population control and health including reproductive health	Activity 11.4 – Let us explore- Making combination of chromosomes using beads		Prepare a project file on the topic health disease
NOV.	Chapter 12 – Patterns in life: Diversity and classification (No of periods – 12)	Activity 12.1- Prepare observation table for recording the data given in the image	Draw concept map for five kingdom classification on chart paper	

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MONTH	UNIT/TOPICS	ACTIVITIES (CHAPTERWISE)	Hands-on Learning /MapWork/Project works (Chapterwise)	Art integrated Learning (Chapterwise)
	Importance of classification Five kingdoms and their key features with examples			
	- Major division of animals and plants Discuss ecological role of diverse organisms			Prepare a paper flip book. Related to five kingdom classification of organisms
PT: -3 CHAPTER/ TOPICS: - Chapter 11 – Reproduction; How life continues				
DEC.	Binomial nomenclature Recognise three domains of classification of organism on molecular basis Acellular entities viruses	Observe the pyramids in fig. 12.17 showing levels of classification		Prepare concept map for kingdom plantae in notebooks
	Solar energy interaction with the earth surface and differential heating of earth (the role of atmosphere and the Earth's surface			Prepare a pizza box solar oven to study the use of sunlight

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MONTH	UNIT/TOPICS	ACTIVITIES (CHAPTERWISE)	Hands-on Learning /MapWork/Project works (Chapterwise)	Art integrated Learning (Chapterwise)
JAN.	Differential warming of earth causes winds Biogeochemical cycles (water cycle, nitrogen cycle, carbon and oxygen cycle)	Activity 13.1 -Observe and discuss about the features of the Earth's surface	Describe how elements like carbon, nitrogen, oxygen and water are recycled between biotic and abiotic environments using appropriate diagrams (Make scrap book)	Describe how planetary winds are formed using appropriate diagrams (wind circulation and distribution of pressure belts and planetary winds)
	Human impact on earth's system			
FEBRUARY -2027: ANNUAL EXAMINATION				

SOCIAL SCIENCE (HISTORY)

MONTH	UNIT/TOPICS	ACTIVITIES (CHAPTERWISE)	Hands-on Learning /MapWork/Project works (Chapterwise)	Art integrated Learning (Chapterwise)
APRIL	CH 1 : Early Humans and Beginning of Civilization	Mock archeological digs Interactive hunter - gatherer games	Cuneiform Tablet writing Interdisciplinary & group project Daily life charades	Cave art recreation Clay pot Making
MAY - JUNE	CH 1 : Early Humans and Beginning of Civilization To be Contd.	Foraging simulation Tool- making, Cave painting Recreation	Timeline sort Designing a 3D model of an early settlement like Mesopotamia. Hands -on, cross - curricular project. Role playing skits	Stone Age cave art Creative & Analytical project.
JUNE : PT - 1 Chapter / Topic - Ch. - 1				
JULY	CH 2 : State and Society (upto 1000 CE)	Historical role - playing Activity task	Interactive Mapping & Urban Planning	Document -based inquiries Artifact analysis
PT - 2 Chapter / Topic - Ch. - 2				
AUGUST	REVISION FOR HALF - YEARLY EXAMINATION			
SEPTEMBER: TERM :-1/ HALF YEARLY EXAMINATION				

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MONTH	UNIT/TOPICS	ACTIVITIES (CHAPTERWISE)	Hands-on Learning /MapWork/Project works (Chapterwise)	Art integrated Learning (Chapterwise)
OCTOBER	CH 3 : Resistance and Resilience (1000 CE -1700 CE)	Gratitude journaling & mindfulness exercise	Understand the knowledge traditions and practices of India.	Draw the various facts of Vedic society and polity
NOV.	CH 4 : India the World -1 (1900 BCE- 1200. CE)	Interactive timeline project. Debate on social system	Model a Harappan city Design a Trade Route Map	Project work on Harappan civilization Create Astronomy Flashcards
PT - 3 Chapter / Topic - Ch. - 3				
DEC.	CH 4 : India the World -1 (1900 BCE - 1200. CE) To be Contd.	Interactive timeline project.	Model a Harappan city	Project work on Harappan civilization
JAN.	REVISION FOR FINAL EXAMINATION			
FEBRUARY -2027 : ANNUAL EXAMINATION				

SOCIAL SCIENCE (CIVICS)

MONTH	UNIT/TOPICS	ACTIVITIES (CHAPTERWISE)	Hands-on Learning /MapWork/Project works (Chapterwise)	Art integrated Learning (Chapterwise)
APRIL	CH 1 : Democracy	Holding mock election for school issue (using real ballot boxes), Class election	Organizing debates on Community topics. Voting Representation	Civics Action Project where students solve a local issue. Project files on Democracy.
MAY - JUNE	CH 2 : Election	Fair vs Unfair Voting Simulation Mock election	Deliberation & policy Structure Debates Treasure Game/ Media search	(CAP) Civic Action Project
JUNE : PT - 1 Chapter / Topic - Ch - 1				
JULY	CH 2 : Election (To be Contd.)	Justice & System Understanding Mock Trials:	Role play method. Identify the 4 pillars	Use chart paper to draw the picture of EVM
JULY : PT - 2 Chapter / Topic - Ch - 3				
AUGUST	REVISION FOR HALF - YEARLY EXAMINATION			
	SEPTEMBER: TERM :-1/ HALF YEARLY EXAMINATION			
OCTOBER	CH 3 : Authority	Interactive Exercises, Such as mock trails Role - Reversal Simulation	Map works Authority figures (like teachers, principals, civic leaders Groups Consensus Games (e.g. "Simon Says Extreme").	Project works. School/ classroom Governance Project Classroom constitution

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MONTH	UNIT/TOPICS	ACTIVITIES (CHAPTERWISE)	Hands-on Learning /MapWork/Project works (Chapterwise)	Art integrated Learning (Chapterwise)
			Civic mapping exercise to role - playing the separation of powers	(Code of conduct) Civic Mapping Structure.
NOV.	CH 3 : Authority	Role play method and Debate	Case Studies	Draw different Authority on chart paper
PT - 3 Chapter / Topic - Ch - 1				
DEC.	CH 3 : Authority To be Contd.	Debate and role play method	Group Discussion	Poster making of different Authority
JAN.	REVISION FOR FINAL EXAMINATION			
FEBRUARY -2027 : ANNUAL EXAMINATION				

SOCIAL SCIENCE (GEOGRAPHY)

MONTH	UNIT/TOPICS	ACTIVITIES (CHAPTERWISE)	Hands-on Learning /MapWork/Project works (Chapterwise)	Art integrated Learning (Chapterwise)
APRIL	Part -1 CH-1) Understanding Social Science- Meaning scope and relevance understanding social science	Group discussion on the importance of social science	On the map work rivers and mountain	Poster making on indian culture
MAY - JUNE	CH-2) Shaping of the earth's surface-theory of plate tectonics. Interior of the earth, land form, disaster	Demonstrates volcanic eruption using vinegar and baking soda	Collect different types of rocks	Clay model of volcanos
JUNE : PT:-1 CHAPTER/ TOPICS:- Part -1 CH-2				
JULY	CH- 3) Atmosphere and climate structure and composition, weather and climate (Contd.)	Group discussion on effect of pollution	Poster making on air pollution	Draw climate zone
PT:-2 CHAPTER/ TOPICS:- Ch-3				
AUGUST	CH-3) Atmosphere and climate seasons of India and monsoon climate change floods	Quiz on weather and climate	On map work hot and cold deserts	Poster making on global warming

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MONTH	UNIT/TOPICS	ACTIVITIES (CHAPTERWISE)	Hands-on Learning /MapWork/Project works (Chapterwise)	Art integrated Learning (Chapterwise)
SEPTEMBER: TERM :-1/ HALF YEARLY EXAMINATION CH-1,2 & 3				
OCTOBER	Part – 2 CH-1) Oceans and life introduction to oceans relief ocean current tides wave marine resources	Observe floating and sinking object	On the map locate major oceans and seas	Write slogan save marine life
NOV.	Part – 2 CH- 1) Oceans and life open seas, navigation fishing, livelihood, cyclones, tsunami international rules and regulation	Group discussion on marine life	Collect picture of marine life	Poster making on save oceans
PT:-3 CHAPTER/ TOPICS:- CH- Part-2 Ch-1				
DEC.	Part-2 CH-2) Life on Earth – Biomes: distribution of biosphere resource forest and ecotourism (Contd.)	Tree plantation activity	Poster making on save wild life	Draw and colour forest eco system
JAN.	Part-2 CH-2) Life on the earth:- forest and wild life conservation government efforts.	Group discussion on Bio diversity	Make a model of forest ecosystem	Draw colorful food chain
FEBRUARY -2027 : ANNUAL EXAMINATION				

SOCIAL SCIENCE (ECONOMICS)

MONTH	UNIT/TOPICS	ACTIVITIES (CHAPTERWISE)	Hands-on Learning /MapWork/Project works (Chapterwise)	Art integrated Learning (Chapterwise)
APRIL	CH-1 Understanding of social science .	Poster Making: Importance of Social Science in Daily Life	Prepare notes on uses of Social Science.	Design a creative poster
MAY - JUNE	Ch-2 Building Blocks in Economics.	Prepare a colourful chart on Building Blocks of Economics	Collect examples of economic activities	Draw and decorate economic cycle chart
MAY : PT:-1 CHAPTER/ TOPICS:- ch 2				
JULY	Ch-3 The Price Puzzle: What Drives the Market	Draw Demand and Supply Curves on graph paper.	Observe prices of daily-use goods for one week	Graphical presentation of demand&supply
	Law of Demand and Supply, Price, Market Failure .	Visit a local market and observe plastic bag	Survey consumers and shopkeepers	Prepare awareness poster on reducing plastic use
PT:-2 CHAPTER/ TOPICS:- ch - 3				
AUGUST	Revision for Term-I	Revision Work	Practice worksheets	Mind Map Preparation.
SEPTEMBER: TERM :-1/ HALF YEARLY EXAMINATION ch 1,2,3.				
OCTOBER	Ch-4 From Ideas to Startup's Entrepreneurship and Startup	Case Study of a Successful Entrepreneur	Interview a local entrepreneur.	Create Startup Idea Poster.

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MONTH	UNIT/TOPICS	ACTIVITIES (CHAPTERWISE)	Hands-on Learning /MapWork/Project works (Chapterwise)	Art integrated Learning (Chapterwise)
NOV.	Make in India Initiative, Role of MSMEs and Unorganised Sector in India's Economic Growth.	Visit local market and collect information	Prepare report on MSMEs.	Draw Make in India logo and chart.
PT:-3 CHAPTER/ TOPICS:- ch 4				
DEC.	Ch-5 Smart Ways to Manage Your Finances	Project on Inflation and its Impact	Collect price data and compare changes	Infographic on inflation
JAN.	CH-5 Budgeting, Saving, Investment, Insurance, Stock	Prepare Chart on Types of Deposits.	Prepare a personal monthly budget.	Design a savings awareness poster.
	Revision	Revision Work	Sample Paper Practice.	Mind Map and Flow Chart.
FEBRUARY -2027 : ANNUAL EXAMINATION				

INFORMATION TECHNOLOGY

MONTH	UNIT/TOPICS	ACTIVITIES (CHAPTERWISE)	Hands-on Learning /MapWork/Project works (Chapterwise)	Art integrated Learning (Chapterwise)
APRIL	CH-1: Communication Skills-I	Grammar & Communication Skills practice sessions.	Practise grammar exercises; write short paragraphs on communication.	Create a poster / collage depicting effective communication.
	CH-2: Self - Management Skills-I	Self-management and goal-setting exercises.	Maintain a self - management journal; set short-term goals.	Draw/paint a time- management chart or mind map.
	CH-3: ICT Skills-I	Identify hardware components and software applications practically.	Hands-on identification of hardware parts; install & open basic software.	Make an illustrated chart of hardware vs software with drawings.
MAY - JUNE	CH-4: Introduction to IT-ITeS Industry	Identify and list various IT-enabled services; discuss BPM industry in India.	Project: Prepare a chart/report on BPO/BPM companies in India.	Create an illustrated infographic on IT & ITeS sectors.
	CH-5: Digital Documentation – Document Creation & Editing (Undo / Redo, Copy - Paste, Non - consecutive selection)	Create a document; use Undo/Redo, Copy-Paste, and text selection techniques.	Practical: Type a passage and practise editing features in LibreOffice Writer.	Design a creative greeting card using word processor.
JUNE: PT-1 CHAPTER / TOPICS: CH-1 to CH-2				

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MONTH	UNIT/TOPICS	ACTIVITIES (CHAPTERWISE)	Hands-on Learning /MapWork/Project works (Chapterwise)	Art integrated Learning (Chapterwise)
JULY - AUGUST - SEPT.	Formatting Features (Page style, Text / Paragraph/Page formatting, Borders & Backgrounds)	Apply page styles, text formatting, paragraph formatting, page formatting, and set borders & backgrounds.	Practical: Format a given document with headings, indentation, colour, and a decorative border.	Make an illustrated newsletter page applying various formatting options.
	Tables in Word Processor (Create, edit, format tables, insert images)	Create and format tables; insert, resize, and rotate images in a document.	Practical: Create a class timetable as a table; insert a school logo image.	Prepare a visually attractive tabular project report with embedded images.
PT-2 CHAPTER / TOPICS: CH-3 to CH-4				
SEPTEMBER: TERM-1 / HALF YEARLY EXAMINATION (CH-1 to CH-5)				
OCTOBER	CH-6: Entrepreneurial Skills-I (Types of business, Qualities of entrepreneur)	Analyse types of businesses; discuss entrepreneurial qualities and career options.	Project: Prepare a business plan for a small student enterprise.	Create a poster of a famous entrepreneur's journey with drawings.
	CH-7: Green Skills-I (Eco system, Natural resources, Conservation & Protection)	Discuss ecosystem factors, natural resource conservation, and environmental protection.	Project: Survey local environmental issues and present a conservation report.	Draw/paint a poster on environmental conservation / green energy.

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NOV.	CH-8: Electronic Spreadsheet – Create, Format, Charts (Relative, Absolute, Mixed references, Formulas & Functions)	Create spreadsheets; format cells; use formulas, functions, and cell reference types; insert charts.	Practical: Create a student marks sheet with SUM, AVERAGE, MAX, MIN and embed a bar/pie chart.	Design a colourful spreadsheet chart depicting school event data.
PT-3 CHAPTER / TOPICS: CH-6 to CH-8				
DEC.	(Contd.): Advanced Spreadsheet – Absolute & Mixed Cell References, Complex Formulas	Practise absolute & mixed references; create linked multi-sheet spreadsheets.	Practical: Build a fee calculation sheet using absolute references.	Create an artistic infographic comparing formula types.
	CH-9: Digital Presentation – Features of Effective Presentation, Creating Presentation, Working with Slides	Understand features of effective presentations; create a new presentation and work with slides.	Practical: Prepare a 5-slide presentation on 'My School'.	Design a creative title slide with original artwork.
	Formatting Text, Animations, Tables in Presentation	Apply text formatting, animations, and create tables in a presentation.	Practical: Add animations to a presentation; insert and format a data table.	Integrate hand-drawn illustrations scanned into presentation slides.

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JAN.	(Contd.): Insert & Format Images in Presentation	Insert images from file/gallery; format, move, resize, rotate graphic objects.	Practical: Create a photo story presentation using formatted images.	Create a digital art collage within a presentation slide.
	Slide Masters & Transition Effects	Apply Slide Master for universal formatting; configure transition effects.	Practical: Design a Slide Master and apply transitions across all slides.	Design a thematic Slide Master inspired by Indian folk art.
	Revision – Spreadsheet & Presentation; Sample Paper Practice	Revise all Spreadsheet and Presentation topics; solve sample paper questions.	Practice: Solve 2-3 previous year sample papers under timed conditions.	Prepare a visual revision chart / poster covering key topics.
FEBRUARY-2027: ANNUAL EXAMINATION				

Sanskrit

MONTH	UNIT/TOPICS	ACTIVITIES (CHAPTERWISE)	Hands-on Learning /Map Work/Project works (Chapterwise)	Art integrated Learning (Chapterwise)
APRIL	प्रथमः पाठः – सत्यम् शिवम् सुन्दरम्	सस्वरवाचन – प्रतियोगिता	संस्कृतसाहित्यस्य प्रमुखकविनां सूची निर्माणम्	संस्कृतकविनां चित्रनिर्माणम्
	व्याकरण भागः – अनुप्रयुक्तव्याकरणम् उच्चारणथानानि (वर्णों के उच्चारण स्थान स्वर-सन्धिः – दीर्घ, गुण और वृद्धि सन्धि। अव्यय	सन्धिपद-परिचय- क्रिया	संख्या अव्यय कार्यपत्रकम्	अव्यय चक्रस्य निर्माणम्
MAY & JUNE	द्वितीयः पाठः – सुखस्य मूलं धर्मः धर्मस्य मूलं अर्थः	धर्मः अर्थः च विषये समूहचर्चा	धन सञ्जयस्य योजनायाः स्फोरकपत्रे वर्णनं	नित्य व्यवहारे धनस्य उपयोगिता विषयक- चित्रनिर्माणम्
	व्याकरण भागः – अनुप्रयुक्तव्याकरणम्: स्वर-सन्धिः – यण, अयादि और पूर्वरूप सन्धि। शब्दरूपाणि (पुल्लिङ्गः बालकवत्, कविवत्, साधुवत्) धातुरूपाणि (परस्मैपदिनः पठ्, गम्, वद्, भू (पाँचों लकारों में))			

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	संवादपूर्ति:-पाठाधारित कथापूर्ति			
	असुद्धि संशोधनम् – वचन, लिङ्ग, पुरुष, लकार, दृष्ट्या)			
June : PT - 1 Chapter / Topics : प्रथमः पाठः, द्वितीयः पाठः, स्वर सन्धिः				
JULY	तृतीय पाठः – आत्मवत्सर्वभूतेषु यः पश्यति सः पण्डितः	महात्मन् नामदेवस्य शिक्षाप्रद घटना अभिनयः	ऋषयः परम्परायाः परियोजना	नामदेवः महाराजस्य चित्रनिर्माणम्
	चतुर्थ पाठः – न खलु वयस्तेजसो हेतुः	स्वतन्त्रता सेनानि कथानां वाचनम्	सफलव्यक्तिनाम् अभ्यासकथासङ्ग्रहः	प्रेरणादायकसूक्ति पट्टनिर्माणम्
	समासः – नञ्, उपपद व्याकरणभागः अनुप्रयुक्तव्याकरणम्: व्यञ्जन-सन्धिः जश्त्व सन्धि, 'म्' के स्थान पर अनुस्वार, तुगागम। शब्दरूपाणि (स्त्रीलिङ्ग (लतावत्, मतिवत्, नदीवत्) धातूरूपाणि (पदस्मैपदिनः) क्रीड्, नी, दृश्, शक्,	समासपरिचय-क्रीडा समयवाचनाभ्यासः	समासानां सारणी- निर्माणम् दैनिकसमयसारिणी निर्माणम्	समास-चार्ट- निर्माणम् घन्टीयन्त्रस्य प्रतिकृति।

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	(पाँचों लकारों में) अव्ययपदानि : – अव्यय पदों का वाक्यों में प्रयोग (भाग 1)	संवादपूर्ति : – पाठाधारित कथापूर्ति		
June : PT - 2 Chapter / Topics : चतुर्थः पाठः, पञ्चमः पाठः, समयः प्रयोगः, समासः				
AUGUST	पञ्चमः पाठः – एषा सा कृतबुद्धिः, मानव बुद्धेः सहकरी	प्रयुक्तिविद्या विषये समुह चर्चा	संगणक यन्त्राणां परियोजना	चाट जीपीटी, जेमिनी, गूगल, लोगो चित्रनिर्माणम्
	षष्ठः पाठः – मनः पूतं समाचरेत्	सदाचारविषये चर्चा	सदुणसूची निर्माणम्	नैतिकमूल्य चित्रपट्टः
	सप्तमः पाठः – उपायं चिन्तयेत् प्राज्ञस्तथापायं च चिन्तयेत् व्याकरण भागः – अनुप्रयुक्तव्याकरणम् : विसर्ग-सन्धिः उत्त्वम्, विसर्ग लोप। प्रत्ययाः (Part 1) क्त्वा, तुमुप्, ल्यप्, शब्दरूपाणि : (नपुंसककलिङ्ग) फलवत्, वारि। कारक – उपपद विभक्तयः द्वितीया	सन्धिअभ्यासः अनुच्छेदलेखनस्पर्धा	कथाधारितस्य नाटकस्य प्रस्तुतिं नियमाधारितकार्य पत्रकम् विषयाधारित लेखनसङ्ग्रहः	सन्धिवृक्षस्य निर्माणम् चित्राधारितलेखनम्

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	और तृतीया विभक्ति के नियम (उभयतः, सह, अलम् आदि)। रचनात्मकार्यम्: – मञ्जूषा की सहायता से कथापूर्ति (कहानी पूरी करना)।	संवादपूर्ति:–पाठाधारित कथापूर्ति		
September : Term - 1 / Half Yearly Examination				
OCTOBER	अष्टमः पाठः – अन्नाद् आनन्दं प्रति	सूक्तिपाठः वाचनं	अन्नरक्षणाय भवता के उपायाः क् रियन्ते इति वर्णयत।	सूक्तिपट्टनिर्माणम्
	नवमः पाठः – कृतं प्रतिकृतं भूयादेष धर्मः सनातनः		रूपकस्य अभिनयं	
	विसर्ग–सन्धिः श्, ष्, स्, रुत्वम् प्रत्ययाः (Part 2) क्त, क्तवतु शब्दरूपाणि (सर्वनाम्) तत्, इदम्, किम् (तीनों लिङ्.गों में) धातुरूपाणि (आत्मनेपदिनः) सेव्, लभ् (लट्, लृट्, लोट्)	समासपहेलिका	समासकार्यपत्रकम्	समासचित्रसारणी

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	लकारों में) कारक – उपपदविभक्तयः – चतुर्थी और पञ्चमी विभक्ति के नियम (नमः, कुप्, बहिः, भी आदि)			
NOV.	दशमः पाठः णमो अरिहन्ताणम् आंतरिकमूल्याङ्कनाय	पञ्चमहाव्रतानि लिखत।	दैनिककार्ययोजना निर्माणम्	
	एकादशः पाठः – वर्णोच्चारण-शिक्षा 2 प्रत्ययाः (Part 3) शतृ, शानच्। समासः – पाठ्यक्रम के अनुसार समास पदों का परिचय और विग्रह। सङ्ख्या 1 से 100 तक गिनती (1-4 केवल प्रथमा विभक्ति में) शब्दरूपाणि/धातुरूपाणि अस्मद्, युष्मद् शब्दरूपः उभयपदिन धातु (कृ, पच् केवल लट् लकार में)	मूल्यशिक्षाचर्चा	सद्गुण संग्रहः	जीवनमूल्यचित्र निर्माणम्

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	कारक – उपपदविभक्तयः – षष्ठी और सप्तमी विभक्ति के नियम (उपरि, अधः, निपुणः, विश्वस् आदि)। सैम्पल पेपर अभ्यास व पाठ पुनरावृत्ति व अभ्यास सम्पूर्ण व्याकरण पुनरावृत्ति व अभ्यास पाठाधारित – कथा पूर्तिः, चित्र वर्णनम्			
PT - 3 Chapter / Topics : अष्टमः पाठः, नवमः पाठः, अव्ययः, समासः				
DEC.	PRE-BOARD - 1 (14th Dec. - 24th Dec. 2026)			
JAN.	PRE-BOARD - 2 (11th Jan - 22nd Jan. 2027)			
FEB.	ANNUAL EXAMINATION			