## Jain Vidya Mandir Sr. Sec. School Annual Planner (2024-2025) Class IX Subject –English

MONTH	WEEK	TOPIC	ACTIVITIES	METHODOLOGY	TEACHING/
					INSTRUCTIONAL AIDS
April	1	READER	1)Write a paragraph on	Brainstorming	Literature Reader,
		F-1 (How I	"Adult Education and its	Demonstration	MCB
		Taught My	Importance."	Reading	Chalk board and
		Grandmother		Storytelling methods	overhead projector
		To Read)			
		MCB Unit-1	2) Find out famous		
		Sec-A (An	personalities of different		
		Exemplary	states and prepare a one		
		Leader	minute speech.		
	2	C rearrant e re	1) Decrease a Chart of	Fueleseties and	
	Z	Grammar-	1) Prepare a Chart of	Explanation and	Chaikboard and
		verbs Forms	Tenses.	Interactive method.	overnead projector
	3	P-1 (The	1) Compose Any	Lecture and	Chalkboard and
		Brook)	Poem On	explanation method	overhead projector
		MCB Unit-1	River/Natural		
		Sec-B (A	Element		
		Burglary	2) Write another		
		Attempt)	poem, penned by		
			Tennyson on A4		
			sheet.		
	4	Writing Skills:	1)Write any of your	Illustrative and	Chalkboard and
		Diary Entry	experiences in the form of	deductive method	overhead projector
			diary entry.		
		MCB Unit-1			
		Sec-C (Can You			
		Know People			
		You Haven't			

1	F:2 (A Dog Named Duke)	1)Make a list of the Famous breeds of dogs.	Classroom Disscussion	Chalkboard and overhead projector
	Sec-A (The Final Flight)	about one of your experiences of the adventure activity .		
2	P:2 (The Road Not Taken)	<ol> <li>Write any one famous poem of Robert Frost.</li> <li>Make a list of his(Robert Frost) Nature Poems.</li> </ol>	Narrative and interactive method	Chalkboard and overhead projector
	Grammar: Determiners	Prepare a chart on Determiners.		
3&4	Article Writing & Story Writing	<ol> <li>Write Key points of good story writing</li> </ol>	Illustrative and deductive method	Chalkboard and overhead projector
	MCB Unit-2 Sec-B& C (The Sound Of The Shell)	2)Make a list of the things requires for the camp.	Discussion, Simulation and Lecture method	Chalkboard and overhead projector
		SUMMER BREAK		
1	Poem:3 (The Solitary Reaper ) F. 3 ( The Man	<ol> <li>1)Recite the poem with correct intonation.</li> <li>2) Make a list of William Wordsworth's other</li> </ol>	Explanation, Illustration and discussion method	Chalk board and overhead projector
_	1 2 3&4 1	1F:2 (A Dog Named Duke)1F:2 (A Dog Named Duke)MCB Unit-2 Sec-A (The Final Flight)2P:2 (The Road Not Taken)2P:2 (The Road Not Taken)3&4Grammar: Determiners3&4Article Writing & Story Writing3&4Article Writing & Story Writing1Poem:3 (The Solitary Reaper ) F. 3 (The Man Who Knew	1F:2 (A Dog Named Duke)1)Make a list of the Famous breeds of dogs.1F:2 (A Dog Named Duke)1)Make a list of the Famous breeds of dogs.MCB Unit-2 Sec-A (The Final Flight)2)Write a diary entry about one of your experiences of the adventure activity.2P:2 (The Road Not Taken)1)Write any one famous poem of Robert Frost. 2) Make a list of his(Robert Frost) Nature Poems.2Grammar: Determiners2) Make a list of his(Robert Frost) Nature Poems.3&4Article Writing & Story Writing1) Write Key points of good story writing3&4MCB Unit-2 Sec-B&C (The Sound Of The Shell)2)Make a list of the things requires for the camp.1Poem:3 (The Solitary Reaper) F. 3 (The Man Who Knew1)Recite the poem with correct intonation.	1F:2 (A Dog Named Duke)1)Make a list of the Famous breeds of dogs.Classroom Disscussion1MCB Unit-2 Sec-A (The Final Flight)2)Write a diary entry about one of your experiences of the adventure activity.Classroom Disscussion2P:2 (The Road Not Taken)1)Write any one famous poem of Robert Frost. 2) Make a list of his(Robert Frost) Nature Poems.Narrative and interactive method3&4Article Writing & Story Writing1) Write Key points of good story writingIllustrative and deductive method3&4Article Writing & Story Writing2)Make a list of the things requires for the camp.Discussion, Simulation and Lecture method1Poem:3 (The Solitary Reaper)2)Make a list of William to Stiftary 2) Make a list of WilliamExplanation, illustration and discussion and Lecture method

		Too Much)			
	2	D.1( Villa For Sale)	1)Dramatise the play	Illustrative and Demonstration method	Literature Reader Chalk board and overhead projector
	3	Grammar:- Future Time Reference MCB Unit- 3(Environment ) Sec-A& B	1)Make a list of related Rules.	Inductive-Deductive method	chalk board and over head projector
	4	Writing skills:- E mail Writing MCB Unit-3 Sec-C (Save	<ol> <li>Write an E mail.</li> <li>Draft an essay on 'Mother Earth'.</li> </ol>	Inductive-Deductive method Interactive method	Chalk board and over head projector
August	1	the Tiger) F:4 (Keeping it From Harold) Writing skills:- Letter Writing	<ol> <li>Design a book mark with some important lines from the chapter.</li> <li>Write a letter to your friend inviting him for holidays.</li> </ol>	Deductive and illustration method	Reader book Chalkboard, real life situations
	2	Grammar: Modals	1)Prepare a model of Modals.	Inductive –deductive method	Examples and overhead projector
	3	MCB Unit-4 Radio & Video Show	<ol> <li>Prepare a poster on Save The Tiger.</li> <li>Flash cards showing</li> </ol>	Playway and explanation method Heuristic and	MCB Chalkboard and overhead projector

			different kinds of animals.	deductive method.	
		Poem 4 ( The Seven Age)	<ol> <li>1)Recite the poem.</li> <li>2)Make a chart of poetic</li> </ol>		
		, U ,	devices.		
			3)Draw the similarities of		
			trees with stages of life.		
	4	Writing Skills :	1)Make a chart writing key	Deductive and	Chalkboard and
		Notice Writing	points of Notice Writing .		overhead projector
				Explanation method	
			2) Muito o noto on radio		
			2) Write a note on radio		
Sontombor			Bovision L Torm L Exam		
Octobor	1	E.E./Post	1) Make a list of	Inductive method	Poodor book and
OCLOBEI	L L	F.J (BESL	1) Make a list of	Evolution	chalkboard
		Seller	books of the		Chairboard
		MCB Unit-5	world		
		Sec-A &	world.		
		B(Mystery)			
	2	D:2 (The	1) Role Play.	Story Telling and	Reader Book
		Bishop's	2) Present the	explanation method	
		Candlesticks)	character sketch of		
			Bishop .		
	3	Grammar:	1) Prepare a model of	Inductive and	Chalkboard and
		Conjunctions	conjunctions.	deductive and	overhead projector
			2) Frame dialogues	illustration method	
			using different		
		MCB Unit-5	conjunctions.		
		Sec-C & D			
		(Mystery)			
		Reported	1).Make a chart on Narratio	Inductive-deductive	Chalkboard, Live
	4	Speech	2) Present a conversation	methods	examples and over
			using correct speech.	Problem Solving	head projector

NOVEMBER	1	Poem:5 ( Oh, I Wish I'd Looked After Me Teeth) MCB Unit-6 Sec-A &B(Children)	<ul> <li>1)Make a list of linguistic variation that make the poem enjoyable.</li> <li>2)Trytoemotethemessageof oemtoyour class rethroughamonoact.</li> </ul>	Brain stormingmethod Inductive Deductive Method	Chalk board and overhead projector
	2	Grammar: The Passive	1)Prepare a chart on Voice.	Inductive-deductive and explanation methods	Chalk board and overhead projector
	3& 4	Poem:6 (Song of The Rain) Writing Section : Message Writing MCB Unit-6 Sec-C, D& E (Children)	<ol> <li>Compose any poem on Natural Element.</li> <li>Make a poster on Rain Scene.</li> <li>Prepare a speech on any Topic</li> </ol>	Demonstration method Debate Inductive-deductive and explanation methods	Chalk board and overhead projector
December	1	Writing Section : Debate &Speech Writing MCB Unit-7 Sec-A (Grandmaster Koneru Humpy	Write a Speech on Saving The Planet.	Inductive-deductive method	Chalkboardandoverhe adprojector

Queen of 64 Squares)			
MCB Unit-7 Sec-B (Its Sports Day)		Inductive and deductive Methods	course book overhead projector
MCB Unit-7 Sec-C (Hockey And Football)	1) Make a list of Indian players of National Hockey Team .	Explanation method	overhead projector and course book
	Recapitulation and preparation for Final Assessment		
	ANNUAL EXAMINATION		
	ANNUAL EXAMINATION		
	Queen of 64 Squares) MCB Unit-7 Sec-B (Its Sports Day) MCB Unit-7 Sec-C (Hockey And Football)	Queen of 64         Squares)         MCB Unit-7         Sec-B (Its         Sports Day)         MCB Unit-7         Sec-C (Hockey         And Football)         And Football)         Recapitulation         and         preparation         for         Final         Assessment         ANNUAL EXAMINATION	Queen of 64       Inductive and deductive         Squares)       Inductive and deductive         MCB Unit-7       Inductive and deductive         Sports Day)       MCB Unit-7         Sec-C (Hockey       1) Make a list of Indian         And Football)       1) Make a list of Indian         Players of National Hockey       Explanation method         Recapitulation       and         preparation       for Final         Assessment       ANNUAL EXAMINATION         ANNUAL EXAMINATION       Explanation

		Ses	sion-2024-25	Subject:-MATHS	
Month	Chapter	Sub-Topics	Methodology	Teaching Aids/ Instructional	Art integrating activity
APRIL WEEK-1 WEEK-2	Number System (CH-1)	<ul> <li>#Review of</li> <li>representation of</li> <li>natural, integers,</li> <li>rational number on the</li> <li>number line.</li> <li>#Explaining that every</li> <li>real number is</li> <li>represented by a</li> <li>unique point on the</li> <li>number line.</li> <li>#Definition of nth root</li> <li>of a real number.</li> <li>#Rationalization of real</li> <li>no. of the type 1a+bx</li> <li>and1x+y.</li> <li>#Recall of laws of</li> </ul>	Explanation by diagram, learning by doing.	Chalk board, Duster.	<ol> <li>Activity of spiral diagram.</li> <li>Activity of square root of natural number.</li> <li>Make a model of number system.</li> <li>Represent some irrational numbers on the number line.</li> </ol>
	Debre enciete	exponents with integral powers.	Demonstration	Consistence challe	1 Alashiisidayatha Tayyatha
WEEK-3	(CH-2)	#Definition of a polynomial in one variable. #Zeroes of a polynomial. #Motivate and State the Remainder Theorem. #State and proof of the Factor Theorem.	problem solving method.	board, duster.	<ol> <li>Algebric identity – To Verity the identity a3-b3 = (a-b) (a2+ab+b2)</li> <li>Make a chart based on all the algebraic identities in a beautiful manner.</li> </ol>
WEEK-4	COORDINATE GEOMETRY (CH-3)	The Cartesian plane coordinates of a point, names and terms associated with the coordinate plane, notations, plotting points in the plane.			<ol> <li>Activity of quadrants and co-ordinates.</li> <li>Make a model of co- ordinate geometry.</li> </ol>

MAY	STATISTICS	Introduction to		1. Draw histograms for classes
WEEK-1	(CH-14)	statistics: Collection of		of equal width.
		data, presentation of		2. Activity of collection of data.
		data – tabular form,		3. Activity of how to find
		ungrouped/grouped,		mean, median and mode.
		bar graphs, histograms,		
		frequency polygons.		
WEEK-2		Mean, Median and		
WEEK-3		Mode of ungrouped		
		data.		
WEEK-4	PROBABILITY	#History, Repeated		1. Find probability of units
	(CH-15)	experiments and		digit of telephone numbers.
		observed frequency		2. Activity of introduction of
		approach to		probability.
		probability.		3. Make a model of
		#Focus is on empirical		probability.
		probability.		
		#A large amount of		
		time to be devoted to		
		group and to individual		
		activities to motivate		
		the concept.		
JUNE	Summer			
	vacation(From 1st			
	June 2024 to 30 <sup>th</sup>			
	June 2024)			

JULY Week-1	INRODUCTION TO EUCLID'S GEOMETRY (CH-5)	<ul> <li>#History-Geometry in India and Euclid's geometry.</li> <li>#The five postulates of Euclid.</li> <li>#Showing the relationship between axiom and theorem.</li> </ul>			<ol> <li>Fun activity related to Euclidean geometry of Euclid's five postulates.</li> <li>Activity for the introduction to Euclid's geometry.</li> <li>Activity of linear equation puzzle. 2.Activityof game card to solve linear equation.</li> </ol>
Week-2 Week-3	LINEAR EQUATION IN TWO VARIABLES (CH-4)	<ul> <li>#Recall of Linear</li> <li>equation in one</li> <li>variable.</li> <li>#Introduction to the</li> <li>equation in two</li> <li>variables.</li> <li>#Graph of linear</li> <li>equation in two</li> <li>variables.</li> </ul>	Inductive approach discovery method.	Chalk, board, duster.	
Week-4	HERON'S FORMULA (CH-12)	Area of a triangle using Heron's formula and its application in finding the area of a quadrilateral.	Discovery method experiment, problem solving project method.	Chalk, board, duster,smart class.	<ol> <li>Activity from lab manual related to areas.</li> <li>Make a model by using the formula with several examples of triangles.</li> <li>Make a puzzle worksheet with images of heron's formula.</li> </ol>
AUGUST WEEK-1 WEEK-2	LINES AND ANGLES (CH-6)	#If two lines intersect, vertically opposite angles are equal. #Lines which are parallel to a given line are parallel. #The sum of the angles of a triangle is 180°.	Graphical method learning by doing.	Diagram on chart, chalk, board, duster.	<ol> <li>Make a project of measuring angels.</li> <li>Activity for making parallel lines cut by a transversal line.</li> <li>Angle legs activity for triangle.</li> </ol>

WEEK-3 WEEK-4	TRIANGLES	#SAS Congruence #ASA Congruence #SSS Congruence #RHS Congruence # The angles opposite to equal sides of a triangle are equal. # The sides opposite to equal angles of a triangle are equal.			<ol> <li>Activity-verify that the sum of the Angles of triangle is 180.</li> <li>Activity of congruence of triangle</li> <li>Activity of relations of inequalities in a triangles.</li> </ol>
SEPTEMBER	HAIF YEARLY EXAMS				
OCTOBER WEEK-1 WEEK-2 WEEK-3	SURFACE AREAS AND VOLUMES	Surface areas and volumes of cubes, cuboids, spheres and right circular cylinders/cones.	Discovery method.	Chalk, duster, smart class, board, models.	<ol> <li>Make a model of surface area and volume</li> <li>Fun activity to practice solving word problems.</li> <li>Make a activity of free surface area coloring activity.</li> </ol>
WEEK-4	CONSTRUCTION (CH-11)	<ul> <li># Construction of bisectors of line segments and angels of measure 60°, 90°, 45° etc., equilateral triangles.</li> <li># Construction of a triangle given its base, sum/difference of the other two sides and one base angel.</li> <li># Construction of a triangle of given perimeter and base angels.</li> </ul>			<ol> <li>Activity- To construct an angle of 60 degree at the initial point of given ray.</li> <li>Activity for tangent construction.</li> </ol>
NOVEMBER WEEK-1 WEEK-2	QUADRILATERALS	#The diagonal divides a parallelogram into two congruent triangles #In a parallelogram opposite sides are equal, and conversely.	Heuristic method, problem solving method.	Chalk, board, duster, models.	<ol> <li>Verify that the opposite angles of cyclic quadrilaterals are equal.</li> <li>Activity-Wanted signs for distance learning.</li> <li>Fun activity of quadrilateral</li> </ol>

WEEK-3	AREA OF	#In a parallelogram opposite angles are equal, and conversely. #Parallelogram on the			<ul> <li>properties to check students</li> <li>knowledge.</li> <li>4. Practice activity of</li> <li>quadrilaterals and there</li> <li>attributes.</li> <li>1. Make a flow chart of</li> </ul>
WEEK-4	PARALLELOGRAM AND TRIANGLES	same base and between the same parallels has equal area. #Triangles on the same base and between the same parallels are equal in area.			parallelogram to explain the topic. 2. Activity of area of triangles lying on the same base and parallel lines are equal.
DECEMBER WEEK-1 WEEK-2	CIRCLE	<ul> <li>#Through examples, arrive at definition of circle.</li> <li># Equal chords of a circle subtend equal angels at the center and its converse.</li> <li># There is one and only one circle passing through three given known collinear points.</li> <li># Angels in the same segments of a circle are equal.</li> <li># The sum of either of the pair of the opposite angels of a cyclic quadrilateral is 180° and its converse.</li> </ul>	Project discussion.	Chalk, smart class, duster, board.	<ol> <li>Graphical representation of angles.</li> <li>Activity of basic information related to circle.</li> <li>Make a project of equal chords of a circle substend equal angle at the center.</li> </ol>
JANUARY	UNIT TEST	REVISION FOR ANNUAL EXAM.			
FEBRUARY	ANNUAL EXAM	Complete syllabus taught throughout the session.			

				SUBJECT:- SCIENCE		
MONTH	TOPIC		SUBTOPIC	ACTIVITIES	METHODOLOGIES	<b>TEACHING AIDS</b>
April	Matter in our			1)Use lentils available in	Discussion	Chalk, duster,
	surroundings			your home. Make three	Observation	Green board,
				squares for Solid, Liquid	Explanation	Smart board.
I <sup>st</sup> Week		$\triangleright$	Matter, Physical	and Gas respectively.		
			nature of matter,	Considering lentils as		
			Characteristics of	particles of matter, paste		
			particles of matter,	them in each box		
			The solid state, The	showing the		
			Liquid state, The	density/interparticle		
			Gaseous state	space available in three		
				states of matter.		
				2)Name five solids, five		
				liquids and five gases		
				available in your		
				surroundings. Also justify		
				the reason of what made		
				you put those things in		
				that particular category.		
		$\triangleright$	Sublimation,	3)Collect Chalk, Rubber		
II <sup>nd</sup> Week			Latent Heat,	Band and Iron Nail. Hit		
			Evaporation.	them with hammer one by		
				one. Now, on the basis of		
				them in increasing order of		
				Intermolecular forces of		
				attraction. Justify the		
				reason also.		
				4)On an A4 size sheet,		
				make a comparison		
				account of different		
				states of matter.		
						Chalk, duster,
						Green board,
				1) Observe a temporary		Smart board

III <sup>rd</sup> Week	The	$\checkmark$	Cell as the basic	mount of Onion Peel	Discussion	
	fundamental		unit of life,	under the compound	Observation	
	unit of life		prokaryotic and	microscope.	Explanation	
			eukaryotic cells,	2) Understand the		
			unicellular and	process of Diffusion with		
			multicellular	the help of Water and		
			organisms, cell	Ink.		
			membrane and cell	3)Understand the process		
			wall	of Osmosis with the help		
				of Raisins/Grapes and		
				Water.		
				4)Draw the diagram of		
		$\succ$	cell organelles and	Plant Cell and Animal cell		
IV <sup>th</sup> Week			cell inclusions,	on A4 sheet using		
			chloroplast,	different color threads,		
			mitochondria,	label them and try to		
			vacuoles,	understand the		
			endoplasmic	difference between		
			reticulum, golgi	them.		
			apparatus, nucleus			
May	Improvement			1)Collect at least	Discussion	Chalk, duster,
	s in Food			twenty five food	Observation	Green board,
	Resources			items from your	Explanation	Smart board
				kitchen, paste		
I <sup>st</sup> Week			Plant and Animal	them on a		
			breeding and	scrap/A4 sheet		
			selection for	and categorize		
			quality	them as		
			improvement and	Cereals/Pulses/oil/		
			management, Use	vegetable/spice/fr		
			of Manures and	uit. Also write the		
		~	Fetilizers	type of nutrients		
undaar			Protection from	they are rich in.		
II''' Week			pests and diseases,	2)Collect the		
			Organic farming	Biodegradable		
				waste from your		

III <sup>rd</sup> Week	Motion	Distance and Displacement, Speed and Velocity, Uniform and Nen uniform	kitchen or School and prepare compost from it. 3)Take an A4 size sheet. Draw different cropping patterns (Mixed Cropping, Crop Rotation, Intercropping) on it. Write the benefits of each type. Give two examples each. 4)Visit a cowshed nearby. Observe the conditions in which they are kept in. Take a photograph and paste it on A4 sheet. Write your suggestions for	Discussion Observation Explanation	Chalk, duster, Green board, Smart board
		and Non-uniform motion, acceleration	improving the living conditions of cows in cowshed.		
IV <sup>th</sup> Week		Derivation of equation by graphical method, elementary idea of uniform circular motion	1)Record the readings of odometer of your Father's car or two wheeler for ten days and depict the distance covered every day on a histogram.		

			2)Derive the equations of motion graphically. 3)During your any journey, note down the speed of the vehicle you are travelling in after every fixed interval of time. Use this data to plot speed-time graph. Also describe the nature of motion you are in.		
July I <sup>st</sup> Week	Is Matter Around Us Pure	<ul> <li>Pure substance, Compounds, Mixture,Types of Mixture, Solution</li> <li>Concentration of Solution,Suspensio n,Colloid.</li> </ul>	<ol> <li>Select any twenty substances from your kitchen and categorize them into Pure Substance or Mixture.</li> <li>Observe the scattering of light ( Tyndall effect ) through the mixture of water and milk, in a dark room.</li> <li>Select ten materials of daily use from your bathroom and classify them into different types of colloids. Also write their Dispersed phase and Dispersing medium.</li> </ol>	Discussion Observation Explanation	Chalk, duster, Green board, Smart board

					Green board,
		Force and Motion,	1)Take a box and ask		Smart board
		Newton's Laws of	your friend to push it		
		Motion , Action	from the other side. Try		
III <sup>rd</sup> Week	Force and	and Reaction	to show the concept of		
	Laws of	Forces, Inertia of a	Balanced and		
	Motion	body, Inertia and	Unbalanced force, also		
		Mass, Momentum,	the direction of force.		
			Record this activity in a	Discussion	
			video form.	Observation	
		Force and	2)Write at least five	Explanation	
		Acceleration,	situations in your daily		
		Elementary idea of	life where your observe		
		Conservation of	Newton's third law of		
IV <sup>th</sup> Week		momentum	motion.		
			1)Derive 'Universal Law		
			of Gravitation'		
			2)Understand the		
	Gravitation		concept of Upthrust by		Chalk, duster,
August		<ul><li>Gravitation,</li></ul>	immersing cork and Iron		Green board,
		Universal Law of	nail in water. Record		Smart board
I <sup>st</sup> Week		Gravitation,	your observation and		
		Gravity,	frame a conclusion from		
		Acceleration due	it.		
		to gravity			
				Discussion	
		<ul><li>Mass and Weight,</li></ul>		Observation	
		Free fall, Thrust		Explanation	
II <sup>nd</sup> Week		and Pressure,			
		Pressure in fluid,			
		Buoyancy,			
		Archimedes's			
		Principle, Relative			
		Density			

	Atoms and			1)Draw the symbols for	Discussion	Chalk, duster,
October	Molecules			some elements as	Observation	Green board,
I <sup>st</sup> Week		Atoms an	d	proposed by Dalton on	Explanation	Smart board
		Molecule	s, Law of	A4 sheet.		
		Conserva	tion of	2)Write symbols and		
		mass, Lav	v of	valency of various		
		constant		elements on cards. These		
		proportio	ons	cards can be used to		
				make chemical formulas.		
II <sup>nd</sup> Week		Atomic a	nd	3)Make a flow chart		
		Molecula	r Masses,	showing the Relationship		
		Mole Cor	cept:	between mole, Avogadro		
		Relations	hip of	number and mass.		
		Mole to r	nass of			Chalk, duster,
		the partic	les and			Green board,
		numbers				Smart board
				1)Make an assignment	Discussion	
	Work and	> Work dor	ne by	'Importance of	Observation	
III <sup>rd</sup> Week	Energy	Force, Kir	netic	Transformation of	Explanation	
		energy, P	otential	Energy'.		
		energy, P	ower	2) Take readings of		
				electricity meter at your		
		Law of		home daily. Ask from		
IV <sup>th</sup> Week		Conserva	tion of	electrician personnel the		
		energy,		cost of one unit in your		
		Transforr	nation of	area. Calculate your		
		Energy		electricity bill per day		
				and also for the whole		
				month. Compare your		
				calculation with actual		
					<u>.</u>	
November	Structure of			1)Draw Thomson's model	Discussion	Chalk, duster,
1st Marcala	the Atom	Charles the second	. <b>f</b> 1 h .	of an atom on A4 sheet.	Observation	Green board,
I <sup>35</sup> Week		Structure	orthe	Also write its postulates	Explanation	Smart board
		Atom		and drawbacks.		
		Electrons, Proto	15,	2) Draw the Rutherford's		

ll <sup>nd</sup> Week		Neutrons, Valency Chemical formula of common compounds, Isotopes and Isobars.	Model of an atom on A4 sheet. Write its features ,observations and conclusion. 3) Draw schematic atomic structure of first twenty elements on a chart paper. Also write their atomic mass and valency.		
III <sup>rd</sup> Week	Tissues	Plant Tissues- Meristematic and Permanent Tissues,	1)Draw various types of Simple tissues in plants on A4 sheet. 2)Observe the		
IV <sup>th</sup> Week		Animal Tissues – Epithelial Tissue, Connective Tissue, Muscular Tissue, Nervous Tissue.	permanent slides of Parenchyma, Collenchyma and Sclerenchyma under the simple microscope and try to find out the morphological differences between them. 3)Draw various types of Muscle fibres on A4 sheet. Also write the difference between them. 4)Make a well labelled diagram of a neuron on A4 sheet.		
December	Sound		1)Make a bell jar setup to show that sound cannot	Discussion Observation	Chalk, duster, Green board,

I <sup>st</sup> Week	Nature of Sound and its propagation in various media, speed of sound, range of hearing in humans,	travel in vacuum. 2)Search on internet and find five animals which can hear infrasonic sound and five animals which can hear ultrasonic sound	Explanation	Smart board
II <sup>nd</sup> Week	ultrasound Reflection of sound, echo, SONAR, Structure of human ear(Auditory aspect only)			

## Month Topic **Subtopics METHODOL Art Integration** Instructional aids OGY **The French Revolution** APRIL HISTORY French Society Interactive • Green board During theLate Educomp smart • Explanation 1.A poster on French Week 1&2 I. The French **Eighteenth Century** board Method society showing each Revolution: NCERT textbook The Outbreak of the Estate Political map of **Revolution France** • 2.Sketch of Napoleon Abolishes Monarchy France Bonaparte and Becomes a Republic 3.Dramatic presentation of French Did Women • Revolution have a Revolution 4. Poster showing The Abolition outcomes of French of Slavery Revolution The Revolution and Everyday life Week GEOGRAPHY • India and the lecture cum India - Size and • Green board 1. 1.India -• Educomp smart World demonstrati Location 3 Size and on method board India's Neighbours 1.Prepare a bar graph NCERT textbook Location • on A 4 sheet--Political map of • "countries larger than India India" 2. Make a chart showing -- "States and Capital "

## SUBJECT- SOCIAL SCIENCE

				<ul> <li>3. Prepare a musical presentation on your state</li> <li>4. Write a speech on "India's contacts with the world in ancient times"</li> </ul>	
Week 3	CIVICS 1. What is Democracy? Why Democracy?	<ul> <li>What is Democracy?</li> <li>Features of Democracy</li> <li>Why Democarcy?</li> </ul> Broader Meaning of Democracy	Interactive method	What is Democracy? Why Democracy? 1. Prepare a chart on" fundamental rights and duties" 2. Make a poster on "Democratic and Non - Democratic Government" 3. Make a chart tabulation on "Features of democracy"	<ul> <li>Green board</li> <li>Educomp smart board</li> <li>NCERT textbook</li> </ul>
Week 4	ECONOMICS 1. The Story of Village Palampur	<ul> <li>Organization of production</li> <li>Farming in Palampur</li> <li>Non-farm activities</li> </ul>	Lecture cum explanation method	The Story of Village Palampur 1.Make a list of factor	<ul> <li>Green board</li> <li>Educomp smart board</li> <li>NCERT textbook</li> </ul>

		of Palampur		of production 2. Make a poster on "Green Revolution" 3. Folk dance related to different farm activities 4. Prepare a bulletin board on "Non - farming activities in your region"	
MAY Week1	HISTORY 2. Socialism in Europe and the Russian Revolution	<ul> <li>The Age of Social Change</li> <li>The Russian Revolution</li> <li>The February Revolution in Petrograd</li> <li>What Changed after October?</li> <li>The Global Influence of the Russian Revolution and the USSR</li> </ul>	lecture cum demonstrati on method	Socialism in Europe and the Russian Revolution 1.Write an essay on Industrial society and social change in Russia 2 Make a chart on The ideas of Liberals ,Radicals and Conservatives 3. Write a report on Russian Revolution 4. DEBATE on The role of Bolsheviks	<ul> <li>Green board</li> <li>Educomp smart board</li> <li>NCERT textbook</li> <li>Political map of world</li> </ul>
Week 2	GEOGRAPHY	Major Physiographic	lecture cum demonstrati	Physical Features of	<ul><li>Green board</li><li>Educomp smart</li></ul>

Week 3	2. Physical Features of India	<ul> <li>Divisions</li> <li>Democratic</li> </ul>	on method	India <ol> <li>Poster on Plate         Boundaries         A chart on some             highest peaks of the             Himalayas         Draft a table on the             division of Northern             plain         Make a sketch on             people of hilly area and             Indian desert area         Constitutional Design:         Example:         India         India         India         Boundaries         Description:         India         India</li></ol>	<ul> <li>board</li> <li>NCERT textbook</li> <li>Political map of India</li> <li>India</li> </ul>
	2.Constitutio nal Design:	Constitution in South Africa • Why do we need a Constitution? • Making of the Indian Constitution • Guiding Values of the Indian Constitution	method Discussion method	<ol> <li>Painting of Nelson Mandela</li> <li>Theatre presentation of leaders who were the makers of the constitution of India</li> <li>A poster on the features of Preamble</li> <li>Write a short biography of Dr. B.R. Ambedkar</li> </ol>	<ul> <li>Educomp smart board</li> <li>NCERT textbook</li> <li>ppt</li> </ul>
WEEK 4		REVISION &UT			

June		SUMMER BREAK			
		Overview			
JULY	ECONOMICS	Economicacti	lecturecumd	PeopleasResource	Greenboard
Week 1	2.People AsResource	vitiesbymena ndwomen • QualityofPop	emonstratio nmethod	1. Modelone conomicact ivities of three mainsecto	Educompsmartboar d
		ulation		rs	NCERTtextbook
		Unemployment		2.Chartonqualityofpopu lation	
				3. Articleonpeopleasare source	
				4.Debateonimportance of employmentinyouth	
Week 2	GEORAPHY	Major rivers	lecture cum	Drainage	Green board
	3. Drainage	and tributaries • Lakes	demonstrati on method	1. Chart on features made by rivers	<ul> <li>Educomp smart board</li> <li>NCERT textbook</li> </ul>
		Role of		2. The difference	
		rivers in the		between the	
		economy		Himalayan rivers and	Political map of
		<ul> <li>Pollution of rivers</li> </ul>		A4 sheet	India
				3. Painting on the	
				Sundarban delta	
				4. Article on National	
				River Conservation Plan	

				(NRCP)	
	CIVICS 3. Electoral Politics:	<ul> <li>Why Elections? </li> <li>What is our System of Elections?</li> <li>What makes elections in India democratic?</li> </ul>	Brain storming Method	Electoral Politics <ol> <li>A chart on the importance of elections in democracy</li> <li>Prepare a list of political parties in India</li> <li>Write- up on women parliamentarian in India</li> <li>Speech on the features which makes elections in India democratic</li> </ol>	<ul> <li>Green board</li> <li>Educomp smart board</li> <li>NCERT textbook</li> </ul>
WEEK 3	GEORAPHY 4. Climate:	<ul> <li>Concept         <ul> <li>Climatic Controls</li> <li>Factors influencing India's climate</li> <li>The Indian Monsoon</li> <li>Distribution of Rainfall</li> </ul> </li> <li>Monsoon as a unifying</li> </ul>	lecture cum demonstrati on method	Climate 1. Dramatic presentation on songs ,dances ,festivals and special food which are associated with certain seasons in your region 2. A chart on the importance of monsoon in India 3. Graphical representation on the	<ul> <li>Green board</li> <li>Educomp smart board</li> <li>NCERT textbook</li> <li>Political map of Indian</li> </ul>

				monthly temperature and amount of rainfall of 10 major cities of India 4. Write a report on the devastated phenomena	
WEEK 4	Civics	The decision makers		Working of Institution's	
	of Institution's	Political executive		1. Poster on the role of Judiciary	
				2. Chart on difference between Loksabha and Rajyasabha	
				3.Listing different cabinet ministers along with their portfolios	
AUGUST	HISTORY	Birth of the	lecture cum	Nazism and the Rise of	Green board
Week 1&2	3. Nazism and the Rise	Weimar Republic • Hitler's Rise	demonstrati on method	<b>Hitler</b> 1. Sketch of Hitler	<ul> <li>Educomp smart board</li> <li>NCERT textbook</li> </ul>
	or miller	to Power The Nazi Worldview		2. Make a list on_ the Art of propaganda	Library
		<ul> <li>Youth In Nazi Germany</li> </ul>		September 1941 and yourself to be a Jew, write an account of	

		Ordinary People and the Crimes Against Humanity		one day in your life 4. Write a one page history of Germanyas a schoolchild in Nazi Germany	
Week 3	GEORAPHY 5. Natural Vegetation and Wild Life:	<ul> <li>Factors affecting Vegetation</li> <li>Vegetation types</li> <li>Wild Life</li> <li>Conservation</li> </ul>	lecture cum demonstrati on method	Natural Vegetation and Wild Life: 1.Model wildlife sanctuary 2. Chart tabulation on 10 occupations getting raw material from forest and wildlife 3. Plant a tree either on your birthday or one of your family members birthday .Note the growth of the tree and notice in which season it grows faster 4. Write the script of a street play giving the importance of tree plantation and try to enact it in your locality	<ul> <li>Green board</li> <li>Educomp smart board</li> <li>NCERT textbook Library</li> <li>Political map of India</li> </ul>

	ECONOMICS 3. Poverty as a Challenge	<ul> <li>Two typical cases of poverty</li> <li>Poverty Estimates</li> <li>Vulnerable Groups</li> <li>Interstate disparities and Global Poverty Scenario</li> <li>Causes of Poverty</li> <li>Anti-poverty measures</li> <li>The Challenges Ahead</li> </ul>	lecture cum demonstrati on method	<ul> <li>Poverty as a Challenge</li> <li>1. Make a list of indicators of poverty</li> <li>2. Poster on causes of poverty</li> <li>3. Chart on poverty alleviation programme</li> <li>4. Write an article, how to remove the challenge of poverty</li> </ul>	<ul> <li>Green board</li> <li>Educomp smart board</li> <li>NCERT textbook</li> <li>Newspaper clipping</li> </ul>
Week 4	GEORAPHY 6. Population	<ul> <li>Size</li> <li>Distribution</li> <li>Population Growth and Process of Population Change</li> </ul>	lecture cum demonstrati on method	Population 1. Scrape book on distribution of population in India 2. Model on Age Structure in India 3. Make a list of unemployed adults in your locality	<ul> <li>Green board</li> <li>Educomp smart board</li> <li>NCERT</li> <li>Ktbook</li> <li>Political map of India</li> </ul>

September		Revision and Half Yearly Exams		4. SPEECH National population policy 2000	
OCTOBER Week 1	CIVICS 5. Democratic Rights	<ul> <li>Life without rights</li> <li>Rights in a Democracy</li> <li>Rights in the Indian Constitution</li> <li>Expanding the scope of rights</li> </ul>	lecture cum Interactive method	Democratic Rights  1.write a note on Importance of Rights in a democracy 2. Poster on Fundamental Rights 3. Write a report on National Human Rights Commission 4. Write a petition to the NHRC if you know any instances of human rights violation in your area	<ul> <li>Green board</li> <li>Educomp smart board</li> <li>NCERT textbook</li> </ul>
Week 2&3 Week 4	HISTORY CH 4 HISTORY (v)Pastoralist s in the	Forest Society Pastoral nomads and their movements • Colonial rule and Pastoral life	lecture cum demonstrati on method	Pastoralists in the Modern world 1. Make a poster on	<ul> <li>Green board</li> <li>Educomp smart board</li> </ul>

	Modern	Pastoralism in		the life of pastoral	NCERT textbook
	world	Africa		nomads living in	
				Himalayan region,	
				plateau ,plain and	
				desert	
				2 .Imagine you are	
				belong to a community	
				of pastoralists and the	
				government nas	
				declared your	
				community as a	
				criminal tribe write a	
				petition to the local	
				collector explaining	
				and how it will affect	
				your me r	
				3.write an article about	
				life and customs of the	
				Maasai in pre -colonial	
				Africa	
				4. Wake a list of pastoral	
				communities in India	
				along with their states	
November	ECONOMICS	Overview	lecture cum	Food Security in India	Green board
		Food Security	demonstrati		• Educomp smart
Week1	4. Food		on method	1. Chart on dimensions	board
	Security in			of food security	NCERT textbook
	india	• who are food		2. Nukkarnatak on PDS	

		insecure	system in India	Library
		Food Security in		
		India	3.	
		Buffer Stock and	4. Poem on problems of	
		the Public	rationing shops	
		Distribution		
		System		
		Current Status of		
		Public		
		Distribution		
		System		
		Revision& UT		
		REVISION		
Week 2				
December	Winter break			
January				
February	Annual			
	examination			

## Information Technology

Class –IX

Month	Chapter	Sub Topics	Art integration	Methodolo gy	Teaching Aids
April	UNIT 3: DIGITAL DOCUME NTATION	<ul> <li>Introduction to word processing,</li> <li>Word processing applications,</li> <li>Introduction to Word Processing tool</li> <li>Creating a document,</li> </ul>	<ul> <li>Introduction to word processing,</li> <li>Word processing applications,</li> <li>Introduction to Word Processing tool</li> <li>Creating a</li> </ul>	Make a poster of office applicati on programs	Demonstration method
		Parts of a Word Processor Window, Cursor and mouse pointer.	document, Parts of a Word Processor Window, Cursor and mouse pointer.		
	<ul> <li>List the available word processing applications</li> <li>Introduce with the parts of the main window.</li> </ul>	• List the available word processing applications.	• List the available word processing		
		<ul> <li>Introduce with the parts of the main window.</li> </ul>	• Introduce with the parts of the		
		<ul> <li>Change document views.</li> </ul>	main window.		
		<ul> <li>Start a new document.</li> <li>Open an existing document.</li> </ul>	<ul> <li>Change document</li> <li>views.</li> <li>Start a new</li> <li>document.</li> </ul>		

	• Save a document.	<ul> <li>Open an existing</li> </ul>	
		document.	
	<ul> <li>Close a document.</li> </ul>		
	• Lico the Novigator	<ul> <li>Save a document.</li> </ul>	
	• Use the Navigator	Change	
		• Close a	
		document.	
		Lise the Navigator	
		ose the Navigator	
		• Type some text in	
		the document and	
		edit it.	
		<ul> <li>Demonstrate to</li> </ul>	
		use undo and redo	
		option,	
		<ul> <li>Use the keyboard</li> </ul>	
		and mouse options	
		to select, cut, copy,	
		paste, and move	
		text.	
	<ul> <li>Text editing – Undo and</li> </ul>	<ul> <li>Demonstrate to</li> </ul>	
	Redo,	select	
	<ul> <li>Moving and conving</li> </ul>	nonconsecutive	
		text items, vertical	
	lext,	block of text,	
	• Copy and Paste.		
		<ul> <li>Search the word</li> </ul>	
	<ul> <li>Selecting text,</li> </ul>	from the text and	
		replace it with	
	<ul> <li>Selection criteria,</li> </ul>	another word.	
	<ul> <li>Selecting non-</li> </ul>	<ul> <li>Jump to the given</li> </ul>	
	consecutive text items, •	page number in a	

		Selecting a vertical block	document,	
		of ●		
			• Insert non-	
		text,	printing characters	
		<ul> <li>Find and replace</li> </ul>	in a document,	
		option,	<ul> <li>Check spelling</li> </ul>	
			and grammar and	
		<ul> <li>Jumping to the page</li> </ul>	apply the changes	
		number,	to the document.	
			Demonstrate to use	
		<ul> <li>Non-printing</li> </ul>	Synonyms and	
		characters,	Thesaurus	
		. Charling analling and	mesaulus.	
		<ul> <li>Checking spelling and</li> </ul>		
		grammar,		
		<ul> <li>Using Synonyms and</li> </ul>		
		Thesaurus.		
			-	
May	Apply	Page style dialog, ●	Apply various	
	formattin	Formatting text –	text formatting	
	g features	Removing manual	options for the	
		formatting,       Common	text, ●	
		text formatting, •	Demonstrate to	
		Changing text case, •	format	
		Superscript and	paragraphs –	
		Subscript, <ul> <li>Formatting</li> </ul>	indent/align	
		paragraph – Indenting	paragraphs,	
		paragraphs,	assign font	
		paragraphs, Font	colour,	
		colour, highlighting,	nighlighting, and	
		and background	background	
		colour, • Using bullets	colour, ● Assign	
		and numbering, •	number or	
		Assigning colour,	bullets to the	
		border and background	lists items, ●	
		to paragraph ● Page	Demonstrate to	

	formatting – setting up	assign colour,	
	basic page layout using	border and	
	styles, Inserting page	background to	
	break, ● Creating	paragraph, ●	
	header/footer and	Demonstrate the	
	page numbers, ●	page formatting	
	Defining borders and	– set up basic	
	backgrounds, •	page layout using	
	Inserting images	styles, ● Insert	
	shapes, special	page break,	
	characters in a	Create	
	document, • Dividing	header/footer	
	page into columns, ●	and page	
	Formatting the shape	numbers, •	
	or image	Define borders	
		and backgrounds	
		<ul> <li>Insert images,</li> </ul>	
		shapes, special	
		characters in a	
		document, •	
		Divide page into	
		columns, •	
		Format the	
		shape or image.	
June		Summer Break	

luly	Create	Creating table in Word	Creating table in		
July	and work	Processor,	Word Processor, •		
	with table		Inserting row and		
		Inserting row and	column in a table,		
		column in a table,			
		• Deleting rows and	<ul> <li>Deleting rows and</li> </ul>		
		columns,	columns,		
			<ul> <li>Splitting and</li> </ul>		
		• Splitting and merging tables,	merging tables,		
		Deletter etable	<ul> <li>Deleting a table, •</li> </ul>		
		• Deleting a table,	Copying a table, •		
		• Copying a table,	Moving a table. •		
			Demonstrate and		
		<ul> <li>Moving a table.</li> </ul>	do the following in		
		• Domonstrate and do	Word Processor:		
		• Demonstrate and do	. Cusata tabla		
			• Create table,		
		Processor	<ul> <li>Insert and delete</li> </ul>		
		• Create table,	rows and column in		
			a table, ● Split and		
		<ul> <li>Insert and delete rows</li> </ul>	merge tables,		
		and column in a table,			
		• Split and merge tables,	<ul> <li>Delete a table,</li> </ul>		
		• Delete a table,	• Copy or move from one location		
			to another location		
		Copy or move from one	of document.		
August	UNIT 2:	• Keyboarding Skills, •	<ul> <li>Identify the</li> </ul>	lacture	Course book white
	DATA	Types of keys on	keys and its use	mathad	board marker
	ENTRY	keyboard, Numeric	on the	Discussi	DOdru, marker,
	AND			DISCUSSI	auster, pictures of

KEYBOAR	keypad,	keyboard,	on	typewriter
DING	,, ,		method	cype wither
SKILLS	<ul> <li>Home keys, Guide</li> </ul>	<ul> <li>Demonstrate</li> </ul>	methou	
	keys,	to use various		
	<b>T</b>	keys on the		
	<ul> <li>Typing and deleting text,</li> </ul>	keyboard,		
		<ul> <li>Demonstrate</li> </ul>		
	• Typing ergonomics,	to type the text,		
	<ul> <li>Positioning of fingers</li> </ul>	numbers,		
	on the keyboard,	special		
	Allocation of keys to	character using		
	fingers on four	appropriate		
	different rows,	keys on the		
		keyboard,		
	<ul> <li>Pointing device –</li> </ul>	• Practice the		
	Mouse, Mouse	correct typing		
	operations	ergonomics,		
		<ul> <li>Practice to</li> </ul>		
		place fingers on		
		correct key in		
		four different		
		row of		
		keyboard,		
		<ul> <li>Practice</li> </ul>		
		various mouse		
		operations.		
		iviake a different		
		categories of		
		typewrite		

			1
	Make a chart Depicting origin and Life history of typewriter.		
Use typing software	Identify the user interface of • typing tutor, • Practice to type text in typing tutor software and interpret the results, • Practice to work in lesson editor, • Calculate the typing speed, • Practice to improve typing • Using typing tutor software.	Introducti on to Rapid Typing Tutor, • Touch typing techniqu e, • User interface of Typing Tutor, • Typing text and interpret results, • Working with lesson editor, • Calculatin g typing speed, • Typing	

				rhythm.	
September			Revision		
October	UNIT 1: INTRODU CTION TO IT–ITeS INDUSTRY	<ul> <li>Introduction to IT and ITeS, BPO services,</li> <li>BPM industry in India,</li> <li>Structure of the IT- BPM industry,</li> <li>Applications of IT in home computing, everyday life, library, workplace, education, entertainment, communication, business, science and engineering, banking, insurance, marketing, health care, IT in the government and public service,</li> </ul>	Model on IT Industry Chart tabulation on Application of ITeS Identify and list the various IT enabled services, Observe the application of IT in various areas.	Lecture method Discussi on method	Course book, white board, marker, duster,
November	Informatio n and Communic ation Technology Skill	Session 1 Introduction: to ICT Session 2: Basic Interface of Session 3:	Make a file using different features of writer	Lecture method Demonstra tion method	Course book, white board, marker, duster, computer, open office

Saving,			
Closing,			
Opening and			
Printing			
Document			
Session 4:			
Formatting			
Text in a			
Word			
Document			
Session 5:			
Checking			
Spelling and			
Grammar			
Session 6:			
Inserting			
Lists, Tables,			
Pictures, and			
	1	1	

		Shapes Session 7: Header, Footer and Page Number Session 8: Tracking Changes in LibreOffice			
December	Entrepren eur ship Skills	Writer Introduction to Entrepreneur ship Session 2: Values of an Entrepreneur Session 3: Attitude of an Entrepreneur Session 4: Thinking Like an Entrepreneur Session 5: Coming Up with a Business	GROUP discussion related to ideas for business Group activity : Interviewing employees and entrepreneurs	Lecture method Discussi on Method	Course book, white board, marker, duster, pointer

		Idea	Prepare a chart		
			on e waste		
		Session 6:	management		
		Understanding the	0		
		Market			
			Make something		
			new with waste		
			news paper to		
			reduce wastage		
			-		
			Malza a Carlina		
			Make a Sapling		
la se	UNIT 4:	Introduction to	<ul> <li>Introduction to</li> </ul>	1	
January	ELECTRONIC	spreadsheet application,	spreadsheet		
	SPREADSHEET		application.		
		<ul> <li>Starting a spreadsheet,</li> </ul>	Starting a		
		- Doute of a surroundable at	spreadsheet.		
		• Parts of a spreadsheet	Parts of a		
		<ul> <li>Worksheet – Rows and</li> </ul>	spreadsheet •		
		columns, Cell and cell	Worksheet – Rows		
		address,	and columns, Cell		
			and cell address,		
		<ul> <li>Range of cell – column</li> </ul>			
		range, row range, row	<ul> <li>Range of cell –</li> </ul>		
		and column range.	column range, row		
		• Start the corrections	range, row and		
		• Start the spreadsheet ,	column range.		
		• Identity the parts of			
		Calc,	• Start the		
		<ul> <li>Identify the rows</li> </ul>	spreadsheet,		
		number, column number.	<ul> <li>Identify the parts</li> </ul>		
			,		
		1			

cell address,	of Calc,	
• Define the range of cell,	<ul> <li>Identify the rows</li> </ul>	
	number, column	
<ul> <li>Identify row range,</li> </ul>	number, cell	
column range, row &	address,	
column range		
	<ul> <li>Define the range</li> </ul>	
	of cell,	
	<ul> <li>Identify row</li> </ul>	
	range, column	
	range, row &	
	column range	
<ul> <li>Different types of data,</li> </ul>	Demonstrate to	
<ul> <li>Entering data – Label,</li> </ul>	enter the text,	
Values, Formula •	numeric data in a	
Formula, how to enter	cell,  Identify the	
formula,	label, values and	
• Mathematical	formula in the cell,	
	<ul> <li>Demonstrate to</li> </ul>	
formulao	enter formula in a	
ioiniulae,	cell, ● Construct	
<ul> <li>Simple calculations</li> </ul>	the formula using	
using values and	mathematical	
operators,	operators, •	
	Identify formulae	
• Formulae with cell	with cell addresses	
addresses and operators,	and operators, •	
Commonly used basis	Identify the correct	
	syntax of formula,	
runctions in a		

	spreadsheet – SUM, AVERAGE, MAX, MIN, Count • Use of functions to do calculations.	<ul> <li>Use the basic functions to perform calculations on data.</li> </ul>	
February		Revision	I I

		वार्विक - पाठ्यक्रम	
		कक्षा – नीवी विषय – रिमी	
		सत्र - 2024-	25
पारुय पुरन्भ	पुस्तक- सिति पुस्तक- का	ोज भाग-1	
टमान	निरण- व्यास	रण प्रकाश	
मास्	पुस्तन	उपविषय	क्रियाकलाप
अप्रैल	· · · ·		
पहली सप्ताह	८२१किर्ट्रा	उपस्त्री - प्रत्मम लघुक्रभा	
दूसरा सप्ताह	भितिज गराखण्ड-	पाठ-1 'दी बैलो की कथा '	<ul> <li>' रुकता में डासित है' उस भाव</li> <li>' की दर्भाने वाले कीर्र दो स्लोगन — पार्ट पर दर्जार्डरू</li> <li>याठ में वर्णित कॉजीहींस</li> <li>याठ में वर्णित कॉजीहींस</li> <li>याठ में वर्णन चिंहा के प्रार्थभ से दर्शांडरू।</li> <li>उ किसी गॉव के दृष्ट्य की मॉडल के माळ्यम से दर्जांडरू।</li> </ul>
तीसरू । माप्ताह	कितिज काटम खंड	वाख	4-11-27 4. कर भीर के यूच्य की दर्शान हेतु मॉउल तेमार की जिरू' - साचिस की तीलियों से - पाठ में वर्णित नाव ना मॉउल तेमार की जिरू। 3. हिन्दू और मुसलमान के प्रेम की दर्शात हुआ दृश्य

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सप्ताह		पत्र	
मई	बितिज	पाठ-2 ब्हासा	, आप भी मिसी स्थान पर युमने गर
4EMI	गद्य खंड	की और '	हो, वहाँ खींची हुई तस्वार्श से
सप्ताह			कोलॉज बनाइस
रुसरा	CHIAROT	समास,	किसी भी रूक पर्यटन स्थल मा
सप्ताह		अनुन्देद	माउल बनाइसा क क
तीसरा स्रातार	दिनिज कात्म खंद	at als A and the	उ. पाठ में वर्णित थोइला के जंगलों अग्न वर्णन चिंह के मान्ज्यम से
THIE	पारिय छाउ	कावार का सामग	काजिस् ।
99 चार्या सप्तार	व्याकरण	अलैकार, संवाद लेखन	न. कवीरदास जी का चित्र बनाइस्। 2. कवीरदास की कोई -दो साखियाँ 2. न्यार्ट पर दर्शाइस्। 3. किसी स्प्म मंदिर का चित्र बनाइस्।
र्षदा		0	
		गुटमावक	121
जुलार्र पहला सप्तार	गधुखंड	उपभोभ्तावाद की संस्कृति	1. आप प्रतिदिन ही वी पर देरों 1. विजापन देखते हैं। उनमें से किन्हीं दो विषमां पर विज्ञापन तेमार की जिसा 2. सींदर्म प्रसाब्धनों की चिन्नों के
दूसरा सप्ताह	काट्यखं	उस् <u>वे</u> स्वय	नाजमन पा देशोइसी दूरदर्जन पर दिखास जाने वाले उ. विन्नापनी का वच्ची पर वढ़त) प्रभाव रोकन के लिस जागरूकता हैतु कोई दा स्लोगन न्यार्ट पर लिखिस।
तीसरा सम्ताह	पूरक पुरत कृतिका'	म्न उस जल प्रलय में	सवैभे- न प्रमुख कवियां के चिहों से स्क कोलॉज बनाइस

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सम्ताह		समारन,
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मार्च	वार्धि क	परीक्षा