

CLASS: 9 (2024-25)**SUBJECT: ENGLISH**

MONTH	UNIT	TOPIC	ART INTEGRATION ACTIVITY	PRACTICALS	SUBJECT ENRICHMENT ACTIVITY
APRIL		BEEHIVE			
		PROSE- The Fun They Had			Worksheet to assess learning
		POEM-The Road Not Taken	Picturesque Depiction		Worksheet to assess learning
		Rain On the Roof			
		Writing Skill - Descriptive Paragraph of a person			
MAY		BEEHIVE			
		PROSE-My Childhood			Description of a person- APJ Abdul Kalam
		MOMENTS			
		PROSE- The Lost Child			
		Writing Skill - Story writing with the help of cue/s			Worksheet to assess learning
JULY		BEEHIVE			
		PROSE- The Little Girl	Father's Day Card		
		Sound of Music	PPT on Gifted Talents		
		POEM-Wind			Worksheet to assess learning
		MOMENTS			
		The Adventures of Toto			
		Writing Skill - A diary entry based on visual or verbal cue/s.			A diary entry based on the lesson 'The Adventures of Toto'
AUGUST		PROSE-A Truly Beautiful Mind			Worksheet to assess learning
		The Snake and the Mirror	Picturesque Depiction		
		MOMENTS			
		Iswaran the Storyteller			
		Writing Skill -Writing a story (word limit 100-120 words) on the basis of given cue/s			Story writing-imaginative based on given cue/s
SEPTEMBER		BEEHIVE			
		POEM-The Lake Isle of Innisfree			Video/ documentary - a write up based on it and Worksheet to assess learning
		REVISION			
		TERM-1 EXAMINATIONS			

OCTOBER		BEEHIVE			
		PROSE- Reach for the Top			Poem Composition and Worksheet to assess learning
		POEM- No Men Are Foreign			Worksheet to assess learning
		On Killing a Tree	Poster making		Worksheet to assess learning
		MOMENTS			
		The Happy Prince			
NOVEMBER		Writing Skill- Poetry Writing			Worksheet to assess learning
		BEEHIVE			
		PROSE-Kathmandu	Travelogue/ Blog		
		POEM-A Slumber Did My Spirit Seal			Worksheet to assess learning
		MOMENTS			
		The Last Leaf			
DECEMBER		Writing Skill-A diary entry based on visual or verbal cue/s.			
		BEEHIVE			
		PROSE-If I Were You			
		POEM-A Legend of the Northland	Comic Strip		Worksheet to assess learning
		MOMENTS			
		A House is Not a Home			Topic- Struggles of being a Teenager
		In the Kingdom of Fools			
JANUARY		Writing Skill- Writing a story (word limit 100-120 words) on the basis of given cue/s.			
		MOMENTS			
FEBURARY		The Beggar	Enactment		
		REVISION TESTS based on the whole syllabus.			

Note: Grammar concepts will be revised by way of giving regular worksheets

CLASS- 9 (2024-25)
SUBJECT –SCIENCE

MONTH	UNIT	TOPICS	ART INTEGRATION ACTIVITY	PRACTICALS	SUBJECT ENRICHMANET ACTIVITY
April	I-Matter-Nature and Behaviour II- Organization in Living World	Ch-1 Matter in our Surroundings Ch-5 Fundamental Unit of Life	Study Diffusion in day-to-day life. Make Plant & Animal cell using waste/pulses etc.	P- Density of Solid C- Prepare Solution, suspension and Colloid B- Introduction of microscope	Activities of Ch-1 mentioned in NCERT
May	III- Motion, Force & Work	Ch-8 Motion		P- Archimede's Principle C- Prepare mixture and Compound B- Cheek Cells	
June	I-Matter-Nature and Behaviour	Ch-2 Is Matter around us Pure	Ch- Natural Resources(HHW)		
July	I-Matter-Nature and Behaviour II- Organization in Living World	Ch-2 Is Matter around us Pure Ch-6 Tissues		P- Archimede's Principle C- Prepare mixture and Compound B- Cheek Cells	Tyndall Effect Activity
August	III- Motion, Force & Work	Ch-9 Force and Laws of Motion Ch-10 Gravitation		P- Laws of Reflection of Sound C- Physical or Chemical Change B- Onion Cells	Newton Laws of Motion using Models
September	I-Matter-Nature and Behaviour	Ch-4 Structure of Matter		B- Plant tissues	
October	I-Matter-Nature and Behaviour III- Motion, Force & Work	Ch-3 Atoms and Molecules Ch-10 Gravitation		P- Slinky C- MP of Ice and BP of water B- Animal Tissues	

November	III- Motion, Force & Work	Ch-11 Work and Energy Ch-12 Sound		C- Law of conservation of mass B & P- Practice	
December	IV- Food Production	Ch-15 Improvement in Food Resources	Project Making- Survey and Case Study		
January		Revision			
February		Exams			
March					

MONTH	UNIT	TOPICS	ART INTEGRATION ACTIVITY	PRACTICALS	SUBJECT ENRICHMENT ACTIVITY
April	5 & 2	<p>1) HERON'S FORMULA Area of a triangle using Heron's formula (without proof)</p> <p>2) POLYNOMIALS Definition of a polynomial in one variable, with examples and counter examples. Coefficients of a polynomial, terms of a polynomial and zero polynomial. Factors and multiples. Zeros of a polynomial. Motivate and State the Remainder Theorem with examples. Statement and proof of the Factor Theorem. Factorization of $ax^2 + bx + c$, $a \neq 0$ where a, b and c are real numbers, and of cubic polynomials using the Factor Theorem. Recall of algebraic expressions and identities. Verification of identities: $(x + y + z)^2 = x^2 + y^2 + z^2 + 2xy + 2yz + 2zx$ $(x \pm y)^3 = x^3 \pm y^3 \pm 3xy(x \pm y)$ $x^3 \pm y^3 = (x \pm y)(x^2 \mp xy + y^2)$ $x^3 + y^3 + z^3 - 3xyz = (x + y + z)(x^2 + y^2 + z^2 - xy - yz - zx)$ and their use in factorization of polynomials.</p> <p>3) LINEAR EQUATIONS Recall of linear equations in one variable. Introduction to the equation in two variables. Focus on linear equations of the type $ax + by + c = 0$. Explain that a linear equation in two variables has infinitely many solutions and justify their being written as ordered pairs of real numbers, plotting them and showing that they lie on a line.</p>	Art integration project; : Comparison between Delhi and Andaman Nicobar		Case base questions. Quiz/Game based on formulas.
May	1 & 4	<p>4) REAL NUMBERS Review of representation of natural numbers, integers, and rational numbers on the number line. Examples of non-recurring/non terminating decimals.</p>	Square root spiral and represent different 3-D shapes using it.	Representing irrational numbers on number line.	Every day 2 mins oral test based on formulas

		<p>Existence of non-rational numbers(irrational numbers) such as $\sqrt{2}$, $\sqrt{3}$ and their representation on the number line.</p> <p>Rationalization (with precise meaning) of real numbers of the type</p> $\frac{1}{a+b\sqrt{x}}$ and $\frac{1}{\sqrt{x}+\sqrt{y}}$ <p>Recall of laws of exponents with integral powers. Rational exponents with positive real bases (to be done by particular cases, allowing learner to arrive at the general laws.)</p> <p>5)INTRODUCTION TO EUCLID’S GEOMETRY</p> <p>History - Geometry in India and Euclid's geometry. Euclid's method. The five postulates of Euclid. Showing the relationship between axiom and theorem, for example:</p> <p>(Axiom) 1. Given two distinct points, there exists one and only one line through them.</p> <p>(Theorem) 2. (Prove) Two distinct lines cannot have more than one point in common.</p>			
June					
July	4	<p>6)LINES AND ANGLES</p> <p>1,(Motivate) If a ray stands on a line, then the sum of the two adjacent angles so formed is 180° and the converse.</p> <p>2.(Prove) If two lines intersect, vertically opposite angles are equal.</p> <p>3,(Motivate) Lines which are parallel to a given line are parallel.</p> <p>7)TRIANGLES</p> <p>1)(Motivate) Two triangles are congruent if any two sides and the included angle of one triangle is equal to any two sides and the included angle of the other triangle (SAS Congruence).</p>		<p>1)Vertically opposite angles are equal</p> <p>2)Properties of isosceles triangle by activity method.</p>	<p>Oral test based on properties of lines , angles and triangles.</p>

		<p>2)(Prove) Two triangles are congruent if any two angles and the included side of one triangle is equal to any two angles and the included side of the other triangle (ASA Congruence).</p> <p>3)(Motivate) Two triangles are congruent if the three sides of one triangle are equal to three sides of the other triangle (SSS Congruence).</p> <p>4)(Motivate) Two right triangles are congruent if the hypotenuse and a side of one triangle are equal (respectively) to the hypotenuse and a side of the other triangle. (RHS Congruence)</p> <p>5)(Prove) The angles opposite to equal sides of a triangle are equal.</p> <p>(Motivate) The sides opposite to equal angles of a triangle are equal.</p>			
August	3	<p>8) COORDINATE GEOMETRY The Cartesian plane, coordinates of a point, names and terms associated with the coordinate plane, notations.</p>	Activities based on mirror image w.r.t axes.	Identification of shape by plotting given coordinates.	
September		REVISION			
October	4,6	<p>9) STATISTICS Bar graphs, histograms (with varying base lengths), and frequency polygons</p> <p>10) QUADRILATERALS 1)(Prove) The diagonal divides a parallelogram into two congruent triangles. 2)(Motivate) In a parallelogram opposite sides are equal, and conversely. 3)(Motivate) In a parallelogram opposite angles are equal, and conversely. 4)(Motivate) A quadrilateral is a parallelogram if a pair of its opposite sides is parallel and equal. 5)(Motivate) In a parallelogram, the diagonals bisect each other and conversely. 6)(Motivate) In a triangle, the line segment joining the mid points of any two sides is parallel to the third side and in half of it and (motivate) its converse</p>		Difference between Theoretical probability and Practical probability.	

November	5	QUADRILATERALS Contd. 11) SURFACE AREA AND VOLUME Surface areas and volumes of spheres (including hemispheres) and right circular cones.			Word Search
December	4	12) CIRCLES 1.(Prove) Equal chords of a circle subtend equal angles at the centre and (motivate) its converse. 2.(Motivate) The perpendicular from the centre of a circle to a chord bisects the chord and conversely, the line drawn through the centre of a circle to bisect a chord is perpendicular to the chord. 3. (Motivate) Equal chords of a circle (or of congruent circles) are equidistant from the centre (or their respective centres) and conversely. 4.(Prove) The angle subtended by an arc at the centre is double the angle subtended by it at any point on the remaining part of the circle. 5.(Motivate) Angles in the same segment of a circle are equal. 6.(Motivate) If a line segment joining two points subtends equal angle at two other points lying on the same side of the line containing the segment, the four points lie on a circle. 7.(Motivate) The sum of either of the pair of the opposite angles of a cyclic quadrilateral is 180° and its converse.		Practical for proving 1) Degree measure theorem 2)equal chords subtend equal angles. 3) Properties of parallelogram	Formula booklet
January		REVISION			
February		REVISION			

GAMES/SPORTS AND FITNESS

CLASS 9

MONTH	UNIT	TOPICS	ART INTEGRATION ACTIVITY	PRACTICALS	SUBJECT ENRICHMENT ACTIVITY
April and May	1st week - General motor fitness drills.	1.Warming up 2.Continuous run/walk. 3.Free hand exercises in group.	N/A	N/A	N/A
	2nd week - Mass PT for co-ordination	1.Warming up 2.Free hand exercises for mobility. 3.Four exercises will be practiced in 16 counts each.			
	3rd week - strength and flexibility.	1.Body weight exercises for upper body strength. a. Wall Push ups with modification for boys and girls. b. Plank, V Position hold for Core strength. 2. Dynamic and Static stretching exercises for upper and lower body.			
	4th week - Free play.	Football Basket ball Badminton Self game			
July	1st week - General motor fitness drills.	1.Running/jogging(15 mins) 2.Slowfast run/walk. 3.Free hand exercises/calisthenics .			
	2nd week - Mass PT for coordinatio	1.Warming up 2.Free hand exercises.			

	<p>n</p> <p>3rd week - speed, agility.</p> <p>4th week - Free play</p>	<p>3.Six exercises will be practiced in groups, supervised by teacher and student leaders.</p> <p>1.Warming up 2.Free hand exercises. 3. 50m,80m sprints with repetitions.</p> <p>Football Basketball Badminton Self game</p>			
August	<p>1st week - General and specific motor fitness drills.</p> <p>2nd week - March past practice.</p> <p>3rd week - Indigenous game, kho kho</p> <p>4th week - Game play</p>	<p>Running, jumping and shuffling drills on hurdles and cones.</p> <p>1.Standing in file formation 2.Marching on the spot. 3.About turn practice. 4. Quarter turn right and left.</p> <p>Teaching rules and regulations kho kho with game play.</p> <p>Basketball Football Badminton Self game</p>			
September	<p>1st week - Evaluation</p> <p>2nd and 3rd week - Term 1</p>	<p>Fitness test Viva</p> <p>Term 1 Exams</p>			

	exams 4th week - Free play	Football Basketball Volleyball Badminton			
October	1st and 2nd week Mass PT March past 3rd and 4th week Free play	1.Exercise 1 to 8. practice in one group supervised by student leader and teacher. 2.Marching on the spot. 3.Forward march. 4.practice for arm actions. Football Basketball Badminton Dodgeball			
November	RBCL	RBCL			
December	RBCL	RBCL			
January	1st week and 2nd week 3rd week - Group fitness drills 4th week - Free play	Winter break 1.Shuttle Run. 2.Push ups 3.Sit ups Football Basketball Badminton			
February	Evaluation	Fitness test Viva			
March	Grading	Uploading the grades on the portal			

पाठ्यक्रम (२०२४ -२०२५)				
विषय - हिंदी				
कक्षा - नवमी				
पाठ्यपुस्तक - स्पर्श भाग -१ , संचयन भाग - १				
माह	पुस्तक	पाठ / विषयवस्तु	कलासमेकित गतिविधि	विषयसंवर्धन-गतिविधि
अप्रैल	स्पर्श	दुःख का अधिकार (गद्य पाठ)	व्यक्ति की पहचान उसकी पोशाक से होती हैं (परिचर्चा)	वाचन, अनुच्छेद-पाठ आधारित
		रैदास के पद (कविता)	दोहों का सस्वर वाचन	कार्य-पत्रिका
	व्याकरण	शब्द व पद में अन्तर		अभ्यास पत्र
		अनुस्वार - अनुनासिक		अभ्यास पत्र
		चित्रवर्णन	समाचार-पत्र से चित्र काटकर कार्य पुस्तिका में चिपकाएं एवं चित्र वर्णन करें।	
मई	स्पर्श	एवरेस्ट मेरी शिखर यात्रा (गद्य पाठ)	नारी सशक्तिकरण (परियोजना कार्य)	वाचन, अनुच्छेद-पाठ आधारित
	व्याकरण	उपसर्ग , प्रत्यय		अभ्यास पत्र
		पत्र लेखन, अनुच्छेद लेखन		
जुलाई	स्पर्श	तुम कब जाओगे अतिथि (गद्यपाठ)	अतिथि देवो भव' परंपरा पर पोस्टर	वाचन, विदेश में रहने वाले मित्र को पत्र
	संचयन	स्मृति (कहानी)	बचपन में खेले जाने खेल का चित्र के माध्यम से प्रदर्शन	
	व्याकरण	स्वरसंधि , अनुच्छेद लेखन		वाचन, अनुच्छेद लेखन-मेरा प्रिय खेल, अभ्यास-पत्र
अगस्त	स्पर्श	वैज्ञानिक चेतना के वाहक सर चंद्रशेखर वेंकटरमण	स्वरचित वैज्ञानिक कथा	संसाधन रहित जीवन शैली पर अनुच्छेद
		मेरा निजी पुस्तकालय (कहानी)		पुस्तकों की दुनिया (आशुभाषण)
	व्याकरण	विरामचिन्ह अर्थ के आधार पर वाक्य भेद		अभ्यास पत्र
सितंबर	स्पर्श	गीत अगीत (कविता)		
	संचयन	कल्लू कुम्हार की उनाकोटी (कहानी)	अचल कथा का प्रस्तुतीकरण	वाचन, कविता-पाठ अनुच्छेद-पाठआधारित

	व्याकरण	संवाद - लेखन		दो पात्रों के मध्य संवाद	
अक्टूबर	स्पर्श	अग्निपथ (कविता)	कविता के भावों की चित्राभिव्यक्ति करें	वाचन, कविता-पाठ पत्र छोटे भाई/बहन को परिश्रम का महत्व बताते हुए पत्र लिखिए	
	व्याकरण	व्याकरण- अनुच्छेद लेखन , पत्र लेखन			
नवंबर	स्पर्श	नए इलाके में (कविता)	विषयाधारित स्वानुभव वर्णन	वाचन, कविता-पाठ	
	व्याकरण	पुनरावृत्ति			
दिसंबर	स्पर्श	शुक्र तारे के समान (गद्य पाठ)		वाचन, अनुच्छेद लेखन-पाठ आधारित	
		पुनरावृत्ति			
जनवरी	स्पर्श	खुशबू रचते हैं हाथ (कविता)	कविता-पाठ	वाचन, पाठ-आधारित अनुच्छेद	
	व्याकरण	पत्र लेखन			
फ़रवरी		पुनरावृत्ति			

SUBJECT – SOCIAL SCIENCE - YEARLY PLANNER 2024-25 - CLASS -IX

MONTH	UNIT	TOPICS	ART INTEGRATION ACTIVITY	PRACTICALS	SUBJECT ENRICHMENT ACTIVITY
April	History	Ch. 1. French Revolution			Map Work
	Geography	Ch.1 - India- Size and Location			Map Work
	Civics	Ch-1- What is democracy? Why democracy?			Class Debate-Is democracy the best form of Govt.?
May	Geography	Ch. 2. - Physical features of India	Model Making- Physical features of India		Map Work
	Economics	Ch. 1. - The story of village Palampur	CBSE Art Integration		Disaster Management Project(CBSE)
July	History	Ch. 2. - Socialism in Europe and the Russian Revolution			Map Work
	Geography	Ch. 3– Drainage	Model making -Rivers of India		Map Work
	Civics	Ch.2. - Constitutional design			
August	Geography	Ch. 4- Climate	Role Play of Weather Forecaster		Map Work
	Civics	Ch. 3. - Electoral Politics	Design and present election manifesto.		Perform school class elections for practical learning of the system.
	Economics	Ch. 2. - People as a resource			
September	History	Ch. 3. - Nazism			A letter to Hitler by Students.
	Economics	Ch. 3. - Poverty as a challenge			Debate on the topic- 'Can education remove poverty?'
October	Geography	Ch.5. - Wildlife and Natural vegetation	Making collages of Extinct species of birds and animals, suggesting ways to conserve		

			the species on the verge of extinction		
	Civics	Ch.4.- Working of Institution	Role Play of President and Prime Minister		
November	History	Ch. 4.- Forest society and colonialism			
	Economics	Ch 4 - Food security in India			
December	History	Ch. 5. - Pastoralist in the Modern world			Class presentations comparing the lives of pastoralists and the colonial impact on pastoralists in India and Africa.
	Economics	Ch. 6. Population			Map Work
January	Civics	Ch. 5. Democratic rights	Poster Making-Rights of Children		

SUBJECT – AI CLASS – 9 (2024-25)

SUBJECT -ARTIFICIAL INTELLIGENCE

CLASS-IX

MONTH	UNIT	TOPIC	ART INTEGRATION	PRACTICAL	SUBJECT ENRICHMENT ACTIVITY
APRIL	(A) UNIT 1 - COMMUNICATION SKILLS (B)UNIT 4- INTRODUCTION TO PYTHON	TYPES OF COMMUNICATION WRITING SKILLS PARTS OF SPEECH ALGORITHM CHARACTER SET AND TOKENS WRITING COMMENTS		Write basic programs in Python like adding 2 numbers, conversion of units etc.	Dumb Charades to explain the gadgets and understand the ways of communication.
MAY	(A) UNIT 2 - SELF MANAGEMENT SKILLS (B)UNIT 4- INTRODUCTION TO PYTHON	STEPS FOR BUILDING SELF CONFIDENCE FACTORS THAT HELP IN SELF CONFIDENCE INPUT() FUNCTION CONTROL STATEMENTS SELECTION STATEMENTS LISTS IN PYTHON		Write basic programs in Python like using selection statements	
JULY	(A) UNIT 3 - ICT SKILLS (B)UNIT 1- INTRODUCTION TO AI	INPUT-OUTPUT DEVICES OPERATING SYSTEMS FILES AND FOLDERS DIGITAL INDIA TYPES AND DOMAINS OF AI HISTORY AND FUTURE SDGs, AI ETHICAL ISSUES AI ACCESS, DISADVANTAGES	Identify Input and Output devices	Write basic programs in Python like using loops, creating and using list functions	Group Discussion
AUGUST	(B)UNIT 2- AI PROJECT CYCLE	FRAMEWORK 4W PROBLEM CANVAS		Case study on 4W Problem Canvas	

		DATA VISUALISATION TOOLS AI, ML AND DL			
SEPTEMBER	REVISION	PRACTICALS TERM I EXAMINATION			
OCTOBER	(A) UNIT4 - ENTREPRENE URIAL SKILLS (B)UNIT 3- NEURAL NETWORKS	TYPES OF BUSINESSES CHARACTERISTICS AND ROLE OF ENTREPRENEUR APPLICATIONS OF NN HUMAN NERVOUS SYSTEM TYPES OF NN		Python Programs	Working of Human Brain
NOVEMBER	(A) UNIT 5 - GREEN SKILLS (B)UNIT 4- INTRODUCTIO N TO PYTHON (REVISION)	ENVIRONMENT AND ECOSYSTEM NATURAL RESOURCES CONSERVATION GREEN PROJECTS PYTHON PRACTICALS	Presentation on Save Environment	Python Programs	
DECEMBER	REVISION	REVISION PRACTICALS		Python Programs	
JANUARY	REVISION	REVISION PRACTICALS		Python Programs	
FEBRUARY	REVISION	PRACTICALS ANNUAL EXAMINATION			

SUBJECT - 405 Introduction to Financial Market Management class IX

MONTH	UNIT	TOPICS	ART INTEGRATION ACTIVITY	PRACTICALS	SUBJECT ENRICHMANET ACTIVITY
April	1,2	Money what it is Money exchange system	Collage making on evolution of money	Practicals To be planned as per CBSE guidelines	---
May	3	Key Characteristics of money	-----	-----	-----
July	4, 5	What is financial planning What is Income	-----	-----	Group discussion
August	6,7	What is expenses What is Bank	Charts on different types of Banks	-----	---
September	8,	Why save	-----	-----	Debate in class
October	9	Setting goals	-----	-----	-----
November	10.	Systematic saving and investment plans	-----	-----	-----
December	11	Making a budget	-----	-----	Sample budget by students
January		Working on project			

SUBJECT – ART CLASS – 9 (2024-25)

MONTH	UNIT	TOPICS	ART INTEGRATION ACTIVITY	PRACTICALS	SUBJECT ENRICHMANET ACTIVITY
APRIL		1. Random line drawing- Abstract Activity. (2 activities in B/W and Color) 2. Perspective at 3 Eye-Levels.			
MAY		1. Artworks in Pencil Shading (Landscape)- Concept of light and dark in detail. Composition Exercises- negative and positive space. drawing compositions with line, shapes and forms .			
JULY		1. Introduction of Any Artist (1 Composition based on his/her work) 2. Poster making.			
AUGUST		1. Independence day Activities 2. Word Art- Composition based on Found words.			
SEPTEMBER		Learning How to Draw An object in Two-point Perspective (Stool/Chair etc)			
OCTOBER		1. Learning Pencil Shading in Forms (Cuboid, Cylinder, etc) 2. Composition Based on Forms			
NOVEMBER		1. Packaging Design of an object in color. 2. Mandala Drawing			
DECEMBER		1. Christmas month activities (Calligraphy Activity) Wrapping Paper Design			
JANUARY		1. Monogram Design of your Name. 2. Drawing composition with human figure.			
FEBRUARY		1. How to shade a Form (Sphere) Practice work (Revision)			