

CLASS-9 SYLLABUS 2024-25

SUBJECT: ENGLISH

MONTH	WORKING DAYS	TOPICS	ACTIVITY
APRIL	20	<p>Beehive (MCB) Chapter- 1: The Fun They Had (Prose)</p> <p>The Road Not Taken (Poem)</p> <p>Grammar 1. Tenses</p> <p>Writing Skills 1. Descriptive Paragraph</p> <p>Moments (Supplementary Reader) Chapter-1: The Lost Child (Prose)</p>	<p>Imagine the school in the story ‘The Fun They Had’. Compare it with your own school.</p> <p>The path which we have chosen, decides our future, our destination. Discuss.</p> <p>Students collaborate in teams to swiftly convert sentences between different verb tenses, enhancing comprehension of past, present, and future tenses.</p> <p>Students observe an image or object, brainstorm descriptive adjectives, and craft vivid paragraphs, honing their sensory writing skills and creativity.</p> <p>Talk about it: How to ensure not to get lost.</p>

MAY	18	<p>Beehive (MCB) Chapter- 2: The Sound of the Music (Prose)</p> <p>Wind (Poem)</p> <p>Moments (Supplementary Reader) Chapter- 2: The Adventures of Toto (Prose)</p> <p>Writing Skills</p> <p>2. Diary Entry</p> <p>3. Story writing</p>	<p>Share information about people/children who have overcome their physical barriers and have achieved success in their lives.</p> <p>Share your experience about your visit to a place during summer holidays. How do you feel the presence of wind?</p> <p>Students may discuss whether they have a pet and whether it is mischievous.</p> <p>Familiarize the students with different formats of the writing skills</p> <p>Students work in groups to craft imaginative stories, taking turns adding paragraphs and refining plot elements, fostering teamwork and creativity in storytelling.</p>
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JUNE	09	<p>Grammar 2. Subject-verb concord</p> <p>Beehive (MCB) Chapter- 3: The Little Girl - Rain on the Roof (Poem)</p>	<p>Students compete in teams to identify and correct subject-verb agreement errors in sentences, enhancing their understanding of grammatical concord through interactive game play.</p> <p>Discussion and intro regarding the topic: Strict parents vs. Friendly parents</p> <p>When the sky is covered with dark clouds and it starts raining, what thoughts flash through your mind? (Relational Outcome)</p>
JULY	24	<p>Revision & First Terminal Examination (35% Syllabus)</p>	
AUG	20	<p>Moments (Supplementary Reader) Chapter- 3: Iswaran the Storyteller (Prose)</p> <p>Grammar 3. Modals</p> <p>Beehive (MCB) Chapter- 4: A Truly Beautiful Mind (Prose)</p>	<p>Students can discuss the qualities of a good listener.</p> <p>Warm up Activity (i) Who is a genius? (ii) What are the attributes that make a person a genius?</p>

		<p>The Lake Isle of Innisfree (Poem)</p> <p>Moments (Supplementary Reader) Chapter- 4: In the Kingdom of Fools (Prose)</p> <p>Beehive (MCB) Chapter- 5: The Snake and the Mirror (Prose)</p>	<p>Explore the main theme and poetic techniques.</p> <p>Students can identify the use of humor and sarcasm in the story. Story telling</p>
SEP	19	<p>Beehive (MCB) Chapter- 6: My Childhood</p> <p>A Legend of the Northland (Poem)</p> <p>Moments (Supplementary Reader) Chapter- 5: The Happy Prince (Prose)</p> <p>Beehive (MCB) Chapter- 7: Reach for the top</p> <p>No Men are Foreign (Poem)</p>	<p>Narrate two incidents from the chapter that show how differences can be created, and also how they can be resolved. How can people change their attitudes? Do you think that the old lady would have been so ungenerous if she had known who Saint Peter really was? What would she have done then?</p> <p>A great achievement is usually born of great sacrifice and is never the result of selfishness. Discuss.</p> <p>Do you have the passion to do something other than your studies like music, dance, sports etc.? Who gives you support and encouragement to go</p>

			ahead? Teacher instructs students to write in about 80-100 words, why they like foreigners.
OCT	20	Revision & Second Terminal Examination (35% + 35% Syllabus)	
NOV	15	Beehive (MCB) On Killing a Tree (Poem) Moments (Supplementary Reader) Chapter-6: The Last Leaf (Prose) Grammar 4. Reported Speech Beehive (MCB) A Slumber Did My Spirit Seal (Poem)	There are conflicts between Human and nature; and between humans. What do you understand by this? Recall and write about any situation of your life where you supported your friend or you were supported by your friend in the time of need. Group Activity Enact Role Play
DEC	19	Third Terminal Examination (15% Syllabus)	
JAN	20	Beehive (MCB) Chapter- 8: Kathmandu (Prose) Chapter- 9: If I were You (Prose)	What do the surroundings of a holy place in your city look like? Speak about the shrines you have visited.

		Moments (Supplementary Reader) Chapter- 7: A House is Not a Home (Prose) Chapter- 8: The Beggar (Prose) Grammar 5. Determiners	Intelligence combine with alertness and smartness can save one's life. Discuss. Students share their experiences about their old and new schools, and any losses they may have experienced.
FEB	21	Revision & Final Examination Begins (35% + 35% + 15% + 15% Syllabus)	
MAR	24	Final Examination, Result & PTM	

SUBJECT: HINDI (COURSE-A)

माह	कार्य दिवस	विषय	क्रिया - कलाप
अप्रैल	20	दो बैलों की कथा, साखियाँ एवं सबद अपठित गद्यांश, अपठित पद्यांश, पत्र - लेखन शब्द निर्माण - उपसर्ग, प्रत्यय, समास	कबीर दास के जीवन एवं साहित्यिक परिचय देते हुए एक पोर्टफोलियो का निर्माण करें
मई	18	ल्हासा की ओर, वाख अनुच्छेद - लेखन अर्थ के आधार पर वाक्य भेद, अलंकार - अनुप्रास, यमक, श्लेष	
जून	09	इस जल प्रलय में, सवैये संवाद - लेखन, लघुकथा - लेखन, ई- मेल - लेखन, सूचना - लेखन, अनुच्छेद - लेखन	
जुलाई	24	पुनरावृत्ति एवं प्रथम सावधिक परीक्षा (35% पाठ्यक्रम)	
अगस्त	20	उपभोक्तावाद की संस्कृति, साँवले सपनों की याद, मेरे संग की औरतें, अपठित गद्यांश, अपठित पद्यांश, पत्र - लेखन शब्द निर्माण - उपसर्ग, प्रत्यय, समास	भारतीय स्वतंत्रता आन्दोलन में भारतीय कवियों / लेखकों के महत्त्व को दर्शाते हुए एक पोर्टफोलियो का निर्माण करें
सितम्बर	19	प्रेमचंद के फटे जूते, कैदी और कोकिला, ग्राम श्री, मेघ आए अनुच्छेद - लेखन अर्थ के आधार पर वाक्य भेद, अलंकार - अनुप्रास, यमक, श्लेष	
अक्टूबर	20	पुनरावृत्ति एवं द्वितीय सावधिक परीक्षा (35% + 35% पाठ्यक्रम)	

नवम्बर	15	रीढ़ की हड्डी, मेरे बचपन के दिन, संवाद - लेखन, लघुकथा - लेखन, ई- मेल - लेखन, सूचना - लेखन	
दिसम्बर	19	तृतीय सावधिक परीक्षा (15% पाठ्यक्रम)	
जनवरी	20	बच्चे काम पर जा रहे हैं अपठित गयांश, अपठित पद्यांश, लघुकथा - लेखन, ई-मेल - लेखन, पत्र - लेखन	
फरवरी	21	पुनरावृत्ति, वार्षिक परीक्षा (35% + 35% + 30%)	
मार्च	24	वार्षिक परीक्षा, परिणाम व पी. टी. एम.	

SUBJECT: SANSKRIT

मासाः	कार्य दिवसाः	शेमुषी प्रथमोभागः	अभ्यासवान् भव	व्याकरणवीथिः / मणिका संस्कृत व्याकरणम्
अप्रैल	20	भारती वसन्तगीतिः स्वर्णकाकः	अपठित अवबोधनम्, विसर्गः सन्धिः	सन्धि स्वर (दीर्घः, गुणः, वृद्धि, यण, अयादि) व्यंजन् विसर्गः सन्धिः च ।
मई	18	गोदोहनम्	चित्रवर्णनम्	शब्द रूपाणि - (अकारान्त ईकारान्त) व्यंजन् सन्धिः प्रथम वर्णस्य तृतीय वर्ण, म स्थाने अनुस्वारः शब्द रूपाणि - हलन्त, आकारान्त, उकारान्त, ऋकारान्त च । संस्कृतानुवादाः उपसर्गाः च । श्लोकान्वयः
जून	09	सूक्ति मौक्तिकम्	संवादानुच्छेद लेखनम् रचनानुवादः कारक उपपद विभक्तिः उपसर्गाः	शब्द रूपाणि किम् (त्रिषु लिङ्गेषु) अस्मद्, युष्मद् । धातुरूपाणि (पंचलकारेषु). संस्कृतानुवादः
जुलाई	24	पुनरावृत्तिः	पुनरावृत्तिः प्रथम आवधिक परीक्षा (35% पाठ्यक्रमाः)	

अगस्त	20	भ्रान्तोबालः	रचनानुवादः	व्यंजन् सन्धिः उत्त्वम् सत्वम् धातु रूपाणि परस्मैपदिनः आत्मने पदिनः च, अव्ययाः।
सितम्बर	19	सिकता सेतुः	समासाः शब्दरूपाणि	कारक उपपद विभक्तयः (द्वितीया - सप्तमी) चित्रवर्णनम् पत्राभ्यास अपठित अवबोधनम्, श्लोकान्वयः
अक्टूबर	20	पुनरावृत्तिः	पुनरावृत्तिः, द्वितीय आवधिक - परीक्षा (35% + 35% पाठ्यक्रमाः)	
नवम्बर	15	जटायोः शौर्यम् पर्यावरणम्	धातुरूपाणि वर्ण-विचारः पत्रम्	प्रत्यया (क्त्वा ल्यप तुमुन् क्त क्वतु शत् शानच) संख्या (1-100), श्लोकान्वयः
दिसम्बर	19	वाङ्मनः प्राणस्वरूपम्	पुनरावृत्तिः, तृतीय आवधिक - परीक्षा (15% पाठ्यक्रमाः)	
जनवरी	20	पुनरावृत्तिः	पुनरावृत्तिः	पुनरावृत्तिः
फरवरी	21	वार्षिकी परीक्षा	पुनरावृत्तिः वार्षिकी परीक्षा (35% + 35% + 15% + 15% पाठ्यक्रमाः)	
मार्च	24	वार्षिक परीक्षा, परिणाम व पी. टी. एम.		

SUBJECT: MATHEMATICS

MONTH	WORKING DAYS	TOPICS	ACTIVITY
APRIL	20	<p>Chapter- 1: Real Numbers</p> <ol style="list-style-type: none">1. Review of representation of natural numbers, integers, and rational numbers on the number line. Rational numbers as recurring/ terminating decimals. Operations on real numbers.2. Examples of non-recurring/non-terminating decimals. Existence of non-rational numbers (irrational numbers) such as $\sqrt{2}$, $\sqrt{3}$ and their representation on the number line. Explaining that every real number is represented by a unique point on the number line and conversely, every point on the number line represents a unique real number.3. Definition of nth root of a real number.4. Rationalization (with precise meaning) of real numbers of the type $1/(a+b\sqrt{x})$ and $1/(\sqrt{x} + \sqrt{y})$ (and their combinations) where x and y are natural number and a and b are integers.5. 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>Chapter- 2: Polynomials</p> <p>Definition of a polynomial in one variable, with examples and counter</p>	<ol style="list-style-type: none">1. Division of line segment into given number of equal parts.

		<p>examples. Coefficients of a polynomial, terms of a polynomial and zero polynomial. Degree of a polynomial. Constant, linear, quadratic and cubic polynomials. Monomials, binomials, trinomials. Factors and multiples. Zeros of a polynomial. 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 and uses.</p>	
MAY	18	<p>Chapter- 6: Lines And Angles</p> <ol style="list-style-type: none"> (Motivate) If a ray stands on a line, then the sum of the two adjacent angles so formed is 180° and the converse. (Prove) If two lines intersect, vertically opposite angles are equal. (Motivate) Lines which are parallel to a given line are parallel. <p>Chapter- 5: Introduction to Euclid's Geometry</p> <ol style="list-style-type: none"> Axioms and Theorems. The five postulates of Euclid. Showing the relationship between Axioms and Theorems. <p>Chapter- 7: Triangles</p> <ol style="list-style-type: none"> (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>2. Square root Spiral</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>	
JUNE	09	<p>Chapter- 7: Triangles (Contd.)</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>6. (Motivate) The sides opposite to equal angles of a triangle are equal.</p>	
JULY	24	<p>Revision & First Terminal Examination (35% Syllabus)</p>	
AUG	20	<p>Chapter- 8 Quadrilaterals</p> <p>1. (Prove) The diagonal divides a parallelogram into two congruent triangles.</p> <p>2. (Motivate) In a parallelogram opposite sides are equal, and conversely.</p> <p>3. (Motivate) In a parallelogram opposite angles are equal, and conversely.</p> <p>4. (Motivate) A quadrilateral is a parallelogram if a pair of its opposite sides is parallel and equal.</p>	<p>3. Angles in the same segment of a circle.</p>

		<p>5. (Motivate) In a parallelogram, the diagonals bisect each other and conversely.</p> <p>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> <p>Chapter- 9: Circles</p> <p>1. (Prove) Equal chords of a circle subtend equal angles at the center and (motivate) its converse.</p> <p>2. (Motivate) The perpendicular from the center of a circle to a chord bisects the chord and conversely, the line drawn through the center of a circle to bisect a chord is perpendicular to the chord.</p> <p>3. (Motivate) Equal chords of a circle (or of congruent circles) are equidistant from the center (or their respective centers) and conversely.</p> <p>4. (Prove) The angle subtended by an arc at the center is double the angle subtended by it at any point on the remaining part of the circle.</p> <p>5. (Motivate) Angles in the same segment of a circle are equal.</p> <p>5. (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.</p>	<p>4. Angle subtended by an arc of a circle at the centre and at any point on remaining part of the circle.</p>
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		7. (Motivate) The sum of either of the pair of the opposite angles of a cyclic quadrilateral is 180° and its converse.	
SEP	19	Chapter- 11: Areas And Volumes Surface areas and volumes of spheres (including hemispheres) and right circular cones.	5. Area of trapezium
OCT	20	Revision & Second Terminal Examination (35% + 35% Syllabus)	
NOV	15	Chapter -10 Heron's Formulas Heron's Formulas	
DEC	19	Third Terminal Examination (15% Syllabus)	
JAN	20	Chapter- 12: Statistics Bar graphs, histograms (with varying base lengths), and frequency polygons. Chapter- 4: Linear Equations In Two Variables 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. Chapter- 3: Coordinate Geometry The cartesian plane, coordinates of a point, names and terms associated with the coordinate plane, notations.	6. Histogram
FEB	21	Revision & Final Examination Begins (35% + 35% + 30% Syllabus)	
MAR	24	Final Examination, Result & PTM	

SUBJECT: SCIENCE (PHYSICS)

MONTH	WORKING DAYS	TOPICS	ACTIVITY
APRIL	20	Chapter- 1: Motion: 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.	
MAY	18	Chapter- 1: Motion (Contd.): Derivation of equations of motion by graphical method, elementary idea of uniform circular motion.	Determination of the density of solid (denser than water) by using a spring balance and a measuring cylinder.
JUNE	09	Chapter- 2: Force and Newton's laws: Force and Motion, Newton's Laws of Motion, Action and Reaction forces.	
JULY	24	Revision & First Terminal Examination (35% Syllabus)	
AUG	20	Chapter- 2: Force and Newton's Laws (Contd.): Inertia of a body, Inertia and mass, Momentum, Force and Acceleration. Chapter- 3: Gravitation: Gravitation; Universal Law of Gravitation, Force of Gravitation of the earth (gravity).	
SEP	19	Chapter- 3: Gravitation (Contd.): Acceleration due to Gravity; Mass and Weight; Free fall, Equations of motion	Establishing the relation between the loss in weight

		for free fall. Floatation: Thrust and Pressure. Archimedes' Principle; Buoyancy; Elementary idea of Relative Density.	of a solid when fully immersed in tap water and strong salty water with the weight of water displaced by it by taking at least two different solids.
OCT	20	Revision & Second Terminal Examination (35% + 35% Syllabus)	
NOV	15	Chapter- 4: Work, energy and power: Work done by a Force, Energy, Kinetic and Potential energy, mathematical expression for Kinetic and Potential energy. Chapter- 4: Work, energy and power (Contd.): Law of conservation of energy, numerical problems based on conservation of energy, power and its expression.	Verification of the Laws of reflection of sound.
DEC	19	Third Terminal Examination (15% Syllabus)	
JAN	20	Chapter- 5: Sound: Nature of sound and its propagation in various media, speed of sound, range of hearing in humans; ultrasound.	Determination of the speed of a pulse propagated through a stretched string/slinky (helical spring).
FEB	21	Revision & Final Examination Begins (35% + 35% + 30% Syllabus)	
MAR	24	Final Examination, Result & PTM	

SUBJECT: SCIENCE (CHEMISTRY)

MONTH	WORKING DAYS	TOPICS	ACTIVITY
APRIL	20	Chapter- 1: Matter in our surrounding: Definition of matter, solid, liquid and gas, characteristics- shape, volume, density, change of state, melting (absorption of heat), freezing.	1. Commonly used lab apparatus
MAY	18	Chapter- 1: Matter in our surrounding (Contd.): Evaporation, cooling by evaporation, condensation, sublimation.	2. Preparation of: a) A true solution of common salt, Sugar and alum b) a suspension of soil, chalk powder and fine sand in water c) A colloidal solution of starch in water and egg albumin/milk in water and distinguish between these on the basis of • transparency • filtration criterion • stability
JUNE	09	Chapter- 2: Is matter around us pure? Elements, compounds and mixtures (homogeneous mixture).	
JULY	24	Revision & First Terminal Examination (35% Syllabus)	

AUG	20	<p>Chapter- 2: Is matter around us pure? (Contd.): Heterogeneous mixture, colloids and suspension, physical and chemical changes (excluding separating the components of a mixture).</p>	<p>3. Preparation of:</p> <p>a) A mixture</p> <p>b) A compound using iron filings and sulphur powder and distinguishing between these on the basis of:</p> <p>(i) appearance, i.e., homogeneity and heterogeneity</p> <p>(i) behaviour towards a magnet</p> <p>(iii) behaviour towards carbon disulphide as a solvent</p> <p>(iv) effect of heat</p>
SEP	19	<p>Chapter- 3: Atoms and molecules: Atoms and molecules, law of conservation of mass, law of constant proportion, chemical formula of common compounds, atomic and molecular masses.</p>	
OCT	20	<p>Revision & Second Terminal Examination (35% + 35% Syllabus)</p>	
NOV	15	<p>Chapter- 4: Structure of the atom: Electrons, protons and neutrons, valency atomic models (Thomson's atomic model, Rutherford's atomic model).</p>	<p>4. Perform the following reactions and classify them as physical or chemical changes:</p>

			<p>a) Iron with copper sulphate solution in water</p> <p>b) Burning of magnesium ribbon in air</p> <p>c) Zinc with dilute sulphuric acid</p> <p>d) Heating of copper sulphate, crystals</p> <p>e) Sodium sulphate with barium chloride in the form of their solutions in water</p>
DEC	19	Third Terminal Examination (15% Syllabus)	
JAN	20	<p>Chapter- 4: Structure of the atom (Contd.):</p> <p>Atomic model (Bohr's atomic model), atomic number and mass number, electronic configuration, isotopes and isobars.</p>	5. Verification of the law of conservation of mass in a chemical reaction.
FEB	21	Revision & Final Examination Begins (35% + 35% + 30% Syllabus)	
MAR	24	Final Examination, Result & PTM	

SUBJECT: SCIENCE (BIOLOGY)

MONTH	WORKING DAYS	TOPICS	ACTIVITY
APRIL	20	Chapter- 5: The Fundamental Unit of Life Cell, history of cell, cell theory, difference between prokaryotic cell and eukaryotic cell, unicellular organism and multicellular organism, plant cell and animal cell, cell shape and size, cell structure: cell wall, cell membrane.	To study the parts and working of simple and compound microscope.
MAY	18	Cell Structure: cytoplasm, cell organelles, nucleus, endoplasmic reticulum, golgi body, ribosome, mitochondria.	To prepare a temporary mount of onion peel and human cheek cell.
JUNE	09	Cell Structure: lysosomes, chloroplast, vacuoles Cell Division: Mitosis and Meiosis. Chapter- 6: Tissues Definition, difference between plant tissue and animal tissue.	To study parenchyma tissue in plants by permanent slide.
JULY	24	Revision & First Terminal Examination (35% Syllabus)	
AUG	20	Chapter- 6: Tissues (Contd.) Plant tissue - meristematic tissues: types, location and function; permanent tissues: types, location and function. Animal tissue - epithelial tissue and connective tissue.	To study sclerenchyma tissue in plants by permanent slides.
SEP	19	Chapter- 6: Tissues (Contd.) Animal tissue-muscular and nervous tissue.	To identify and study striated muscle and nerve fibre in animals.
OCT	20	Revision & Second Terminal Examination (35% + 35% Syllabus)	

NOV	15	Chapter 12: Improvement in Food Resources Improvement in crop yields, crop variety improvement, hybridization, genetic modification, factors for which variety improvement is done.	
DEC	19	Third Terminal Examination (15% Syllabus)	
JAN	20	Chapter- 12: Improvement in Food Resources (Contd.) Crop production improvement, crop protection management, Animal husbandry, cattle farming, poultry farming, fish production, bee keeping.	
FEB	21	Revision & Final Examination Begins (35% + 35% + 30% Syllabus)	
MAR	24	Final Examination, Result & PTM	

SUBJECT: SOCIAL SCIENCE (HISTORY)

MONTH	WORKING DAYS	TOPICS	ACTIVITY
APRIL	20	Chapter- 1: The French Revolution <ul style="list-style-type: none"> • French Society during the Late Eighteenth Century • The Outbreak of the Revolution • France abolishes Monarchy and Becomes a Republic 	Map Skill
MAY	18	Chapter- 1: The French Revolution (Contd.) <ul style="list-style-type: none"> • Did Women have a Revolution? • The Abolition of Slavery • The Revolution and Everyday Life 	
JUNE	09	Chapter- 2: Socialism in Europe and the Russian Revolution <ul style="list-style-type: none"> • The Age of Social Change 	
JULY	24	Revision & First Terminal Examination (35% Syllabus)	
AUG	20	Chapter- 2: Socialism in Europe and the Russian Revolution (Contd.) <ul style="list-style-type: none"> • The Russian Revolution • The February Revolution in Petrograd • What Changed after October Revolution? • The Global Influence of the Russian Revolution and the USSR 	Map Skill
SEP	19	Chapter- 4: Forest Society and Colonialism <ul style="list-style-type: none"> • Why Deforestation? • The Rise of Commercial Forestry • Rebellion in the Forest • Forest Transformation in Java 	IDP
OCT	20	Revision & Second Terminal Examination (35% + 35% Syllabus)	

NOV	15	Chapter- 5: Pastoralists in the Modern World <ul style="list-style-type: none"> • Pastoral Nomads and their Movements • Colonial Rule and Pastoral Life • Pastoralism in Africa 	
DEC	19	Third Terminal Examination (15% Syllabus) Chapter- 3: Nazism and the Rise of Hitler <ul style="list-style-type: none"> • Birth of Weimar Republic • Hitler's Rise to Power • The Nazi Worldview 	Map Skill
JAN	20	Chapter- 3: Nazism and the Rise of Hitler (Contd.) <ul style="list-style-type: none"> • Youth in Nazi Germany • Ordinary People and the Crimes Against Humanity 	
FEB	21	Revision & Final Examination Begins (35% + 35% + 30% Syllabus)	
MAR	24	Final Examination, Result & PTM	

SUBJECT: SOCIAL SCIENCE (POLITICAL SCIENCE)

MONTH	WORKING DAYS	TOPICS
APRIL	20	Chapter- 1: What is Democracy? Why Democracy? <ul style="list-style-type: none">• What is Democracy?• Features of Democracy• Why Democracy?
MAY	18	Chapter- 1: What is Democracy? Why Democracy? (Contd.) <ul style="list-style-type: none">• Broader Meaning of Democracy
JUNE	09	Chapter- 2: Constitutional Design <ul style="list-style-type: none">• Democratic Constitution in South Africa• Why do we need a Constitution?
JULY	24	Revision & First Terminal Examination (35% Syllabus)
AUG	20	Chapter- 2: Constitutional Design (Contd.) <ul style="list-style-type: none">• Making of the Indian Constitution• Guiding Values of the Indian Constitution Chapter- 3: Electoral Politics <ul style="list-style-type: none">• Why Elections?• What is our System of Elections?
SEP	19	Chapter- 3: Electoral Politics (Contd.) <ul style="list-style-type: none">• What makes Elections in India Democratic? Chapter- 4: Working of Institutions <ul style="list-style-type: none">• How is the Major Policy Decision taken?• Parliament
OCT	20	Revision & Second Terminal Examination (35% + 35% Syllabus)
NOV	15	Chapter- 5: Working of Institutions (Contd.) <ul style="list-style-type: none">• Political Executive• The Judiciary

DEC	19	Third Terminal Examination (15% Syllabus) Chapter- 5: Democratic Rights <ul style="list-style-type: none"> • Life Without Rights • Rights in a Democracy
JAN	20	Chapter- 5: Democratic Rights (Contd.) <ul style="list-style-type: none"> • Rights in the Indian Constitution • Expanding Scope of Rights
FEB	21	Revision & Final Examination Begins (35% + 35% + 30% Syllabus)
MAR	24	Final Examination, Result & PTM

SUBJECT: SOCIAL SCIENCE (GEOGRAPHY)

MONTH	WORKING DAYS	TOPICS	ACTIVITY
APRIL	20	Chapter- 1: India : Size and Location <ul style="list-style-type: none">• Location and Size• India and the world• India's Contacts with the World• India's Neighbours Chapter- 2: Physical Features of India <ul style="list-style-type: none">• Major Physiographic Divisions• The Himalayan Mountains	Map Skill
MAY	18	Chapter- 2: Physical Features of India (Contd.) <ul style="list-style-type: none">• The Northern Plains• The Peninsular Plateau• The Indian Desert• The Coastal Plains• The Islands	Map Skill
JUNE	09	Chapter- 3: Drainage <ul style="list-style-type: none">• Drainage Systems in India• The Himalayan Rivers• The Peninsular Rivers	
JULY	24	Revision & First Terminal Examination (35% Syllabus)	
AUG	20	Chapter- 3: Drainage (Contd.) <ul style="list-style-type: none">• Lakes• Role of Rivers in the Economy• River Pollution Chapter- 4: Climate <ul style="list-style-type: none">• Regional Climatic Variations in India• Climatic Controls	Map Skill

SEP	19	Chapter- 4: Climate (Contd.) <ul style="list-style-type: none"> • Factors Affecting India's Climate Chapter- 5: Natural Vegetation and Wildlife (To be assessed in the Inter Disciplinary Project) Only map pointing to be evaluated in the examination.	IDP
OCT	20	Revision & Second Terminal Examination (35% + 35% Syllabus)	
NOV	15	Chapter- 4: Climate (Contd.) <ul style="list-style-type: none"> • The Seasons • Monsoon as a Unifying Bond 	Map Skill
DEC	19	Third Terminal Examination (15% Syllabus)	
JAN	20	Chapter- 6: Population <ul style="list-style-type: none"> • Population Size and Distribution • Population Growth and Processes of Population Change • Characteristics of the Population • National Population Policy 	Map Skill
FEB	21	Revision & Final Examination Begins (35% + 35% + 30% Syllabus)	
MAR	24	Final Examination, Result & PTM	

SUBJECT: SOCIAL SCIENCE (ECONOMICS)

MONTH	WORKING DAYS	TOPICS	ACTIVITY
APRIL	20	Chapter- 1: The Story of Village Palampur <ul style="list-style-type: none">• Overview• Introduction• Organisation of Production• Farming in Palampur• Non-Farm Activities in Palampur	Activity I Contradiction of Green Revolution CASE BASED QUESTIONS
MAY	18	Chapter- 2: People as Resource <ul style="list-style-type: none">• Overview• Story of Sakal and Vilas - Case Studies• Economic Activities by Men and Women• Vicious Cycle and Virtuous Cycle	
JUNE	09	Chapter- 2: People as Resource (Contd.) <ul style="list-style-type: none">• Quality of Population: Education and Health• Unemployment• Story of a Village	Activity II Importance of Education CASE BASED QUESTIONS
JULY	24	Revision & First Terminal Examination (35% Syllabus)	
AUG	20	Chapter- 3: Poverty as a Challenge <ul style="list-style-type: none">• Two Typical Cases of Poverty• Poverty as seen by Social Scientists• Poverty Estimates	Activity III (Experiential Learning) Poverty Alleviation Programmes

		<ul style="list-style-type: none"> • Vulnerable Groups • Inter-State Disparities • Global Poverty Scenario 	CASE BASED QUESTIONS
SEP	19	<p>Chapter- 3: Poverty as a Challenge (Contd.)</p> <ul style="list-style-type: none"> • Causes of Poverty • Anti-Poverty Measures • The Challenges Ahead <p>Chapter 4: Food Security In India</p> <ul style="list-style-type: none"> • What is Food Security? • Why Food Security? • Who are Food- Insecure? • Story of Ramu and Ahmad – Case Studies 	<p>Activity V Analysing the Rationing System in India</p> <p>CASE BASED QUESTIONS</p>
OCT	20	<p>Revision & Second Terminal Examination (35% + 35% Syllabus)</p>	
NOV	15	<p>Chapter- 4: Food Security in India (Contd.)</p> <ul style="list-style-type: none"> • Food Security in India • What is Buffer Stock? • What is Public Distribution System (PDS)? 	<p>Activity IV (Experiential Learning) Poverty Alleviation Programmes. CASE BASED QUESTIONS</p>
DEC	19	<p>Third Terminal Examination (15% Syllabus)</p>	
JAN	20	<p>Chapter- 4: Food Security In India (Contd.)</p> <ul style="list-style-type: none"> • Rationing • Current status of PDS 	

		<ul style="list-style-type: none"> • AAY • Role of Cooperatives in Food Security 	
FEB	21	Revision & Final Examination Begins (35% + 35% + 30% Syllabus)	
MAR	24	Final Examination, Result & PTM	

SUBJECT: INFORMATION TECHNOLOGY

MONTH	WORKING DAYS	TOPICS	ACTIVITY
APRIL	20	<p>Communication Skills- I</p> <ul style="list-style-type: none"> • Introduction to communication. • Communication Process/cycle • Types of communication • Barriers in communication • Perspectives in communication • Factors affecting perspectives in communication • Sentence and its type • Paragraph and its elements <p>Self-Management Skills- I</p> <ul style="list-style-type: none"> • Self –Management Skills • Strength And Weakness Analysis • Self – Confidence • Factors that help in building self-confidence – social, cultural, and physical factors • Self-confidence building tips - getting rid of the negative thoughts, thinking positively, staying happy with small things, staying clean, hygienic and smart, chatting with positive people, etc. 	
MAY	18	<p>Basic Information and Communication Technology Skills- I</p> <ul style="list-style-type: none"> • Information And Communication Technology 	<p>Identify and list the various IT enabled services, Observe the application of IT in</p>

		<ul style="list-style-type: none"> • ICT in our daily life • ICT Tools- Mobile, tab, radio, TV, email, etc. • Basic Components of A Computer • Hardware And Software • Performing Basic Computer Operations • Role and functions of Random Access Memory (RAM) and Read Only Memory (ROM) • Role and functions of Central Processing Unit • Procedure for starting and shutting down a computer • Peripherals devices and their uses – mouse, keyboard, scanner, webcam, etc. of a computer system • Primary operations on a computer system – input, process, storage, output, communication networking, etc. 	various areas
JUNE	09	<p>Entrepreneurial Skills- I</p> <ul style="list-style-type: none"> • Introduction to Entrepreneurship • Types of businesses – service, manufacturing, hybrid • Types of businesses found in our community Business activities around us • Meaning of entrepreneurship development 	

		<ul style="list-style-type: none"> • Distinguishing characteristics of entrepreneurship • Role and rewards of entrepreneurship 	
JULY	24	Revision & First Terminal Examination (35% Syllabus)	
AUG	20	<p>Green Skills- I</p> <ul style="list-style-type: none"> • Introduction to environment, • Relationship between society and environment, ecosystem and factors causing imbalance • Natural resource conservation • Environment protection and conservation • Definition of green economy • Importance of green economy <p>Introduction to IT–ITeS Industry</p> <ul style="list-style-type: none"> • Introduction to IT and ITeS, BPO services, • BPM industry in India, • Structure of the IT-BPM industry, • 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, 	Identify and list the various IT enabled services, Observe the application of IT in various areas

<p>SEP</p>	<p>19</p>	<p>Data Entry and Keyboarding Skills</p> <ul style="list-style-type: none"> • Keyboarding Skills, • Types of keys on keyboard, Numeric keypad, • Home keys, Guide keys, • Typing and deleting text, • Typing ergonomics, • Positioning of fingers on the keyboard, Allocation of keys to fingers on four different rows, • Pointing device – Mouse, Mouse operations. • Introduction to Rapid Typing Tutor, • Touch typing technique, • User interface of Typing Tutor, • Typing text and interpret results, • Working with lesson editor, • Calculating typing speed, • Typing rhythm. <p>Digital Documentation</p> <p>Create a document using a word processor</p> <ul style="list-style-type: none"> • Introduction to word processing, • Word processing applications, • Introduction to Word Processing tool 	<p>Identify the keys and its use on the keyboard,</p> <p>Demonstrate to use various keys on the keyboard,</p> <p>Demonstrate to type the text, numbers, special character using appropriate keys on the keyboard,</p> <p>Practice the correct typing ergonomics, Practice to place fingers on correct key in four different row of keyboard,</p> <p>Practice various mouse operations.</p> <p>List the available word processing applications. Introduce with the parts of the main window. Change document views. Start a new</p>
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		<ul style="list-style-type: none"> • Creating a document, Parts of a Word Processor Window, <p>Apply Editing features</p> <ul style="list-style-type: none"> • Text editing – Undo and Redo, • Moving and copying text, • Copy and Paste, • Selecting text, • Selection criteria, • Selecting non-consecutive text items, • Selecting a vertical block of text, • Find and replace option, • Jumping to the page number, • Non-printing characters, • Checking spelling and grammar, • Using Synonyms and Thesaurus. <p>Apply formatting features</p> <ul style="list-style-type: none"> • Page style dialog • Formatting text – Removing manual formatting, Common text formatting, Changing text case, Super script and Subscript • Formatting paragraph – Indenting paragraphs, Aligning paragraphs, Font colour, highlighting, and 	<p>document.</p> <p>Open an existing document.</p> <p>Save a document.</p> <p>Close a document.</p> <p>Apply various text formatting options for the text, Demonstrate to format paragraphs – indent/align paragraphs, assign font colour, highlighting, and background colour, Assign number or bullets to the lists items</p> <p>Demonstrate to assign colour, border and background to paragraph</p> <p>Demonstrate the page formatting –set up basic page layout using styles,</p> <p>Insert page break, Create header/footer and page numbers</p> <p>Define borders and backgrounds</p> <p>Insert images, shapes, special characters in a document</p>
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		<p>background colour, Using bullets and numbering, Assigning colour, border and background to paragraph.</p> <ul style="list-style-type: none"> • Page formatting – setting up basic page layout using styles, Inserting page break, Creating header/footer and page numbers, • Defining borders and backgrounds, Inserting images shapes, special characters in a document, Dividing page into columns, Formatting the shape or image. 	<p>Divide page into columns, Format the shape or image.</p>
OCT	20	<p>Revision & Second Terminal Examination (35% + 35% Syllabus)</p>	
NOV	15	<p>Digital Documentation Create and work with tables</p> <ul style="list-style-type: none"> • Creating table in Word Processor • Inserting row and column in a table • Deleting rows and columns • Splitting and merging tables • Deleting a table • Copying a table • Moving a table. <p>Use Print Options</p> <ul style="list-style-type: none"> • Printing options in Word Processor. • Print preview, 	<p>Demonstrate and do the following in Word Processor: Create table, Insert and delete rows and column in a table, Split and merge tables, Delete a table, Copy or move from one location to another location of document. Demonstrate to print</p>

		<ul style="list-style-type: none"> • Controlling printing, • Printing all pages, single and multiple pages. <p>Understand and apply mail merge</p> <ul style="list-style-type: none"> • Introduction to mail merge • Concept of data source for mail merge. <p>Electronic Spreadsheet</p> <ul style="list-style-type: none"> • Introduction to Spreadsheet Application • Starting A Spreadsheet • Parts of a Spreadsheet • Worksheet – Rows And Columns, Cell And Cell Address, • Range of Cells – Column Range, Row Range, Row And Column Range. <p>Apply formula and functions in spreadsheet</p> <ul style="list-style-type: none"> • Different Types of Data, • Entering Data – Label, Values, Formula • Formula, How to Enter Formula, • Mathematical Operators Used In Formulae, • Simple Calculations Using Values And Operators, • Formulae With Cell Addresses And Operators, 	<p>the document, selected pages in the document</p> <p>Print the document with various options, Preview pages before printing.</p> <p>Demonstrate to print the letters using mail merge, Merge the data source with main document, Edit individual document, Print the merged letter, Save the merged letter.</p> <p>Start the spreadsheet, Identify the parts of Calc, Identify the rows number, column number, cell address, Define the range of cell, Identify row range, column range, row & column range</p> <p>Demonstrate to enter the text, numeric data in a cell, Identify the label,</p>
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		<ul style="list-style-type: none"> • Commonly Used Basic Functions In A Spreadsheet – Sum, Average, Max, Min, Count • Use of functions to do calculations. <p>Use of Functions to Do Calculations.</p> <ul style="list-style-type: none"> • Formatting Tool, • Use of Dialog Boxes to Format Values, • Formatting A Range of Cells With Decimal Places, • Formatting A Range of Cells to Be Seen As Labels, • Formatting of A Cell Range As Scientific, • Formatting A Range of Cells to Display Times, • Formatting Alignment of A Cell Range, • Speeding Up Data Entry Using The Fill Handle, • Uses of Fill Handle to Copy Formulae. 	<p>values and formula in the cell,</p> <p>Demonstrate to enter formula in a cell,</p> <p>Construct the formula using mathematical operators,</p> <p>Identify formulae with cell addresses and operators,</p> <p>Identify the correct syntax of formula,</p> <p>Use the basic functions to perform calculations on data.</p> <p>Identify the formatting tool,</p> <p>Demonstrate to use of dialog boxes to format values,</p> <p>Demonstrate to format range of cells with decimal places,</p> <p>Demonstrate to format a range of cells to labels,</p> <p>Demonstrate to format of a cell range as scientific,</p> <p>Demonstrate to format a range of cells to display time,</p> <p>Demonstrate to align cell data range,</p> <p>Demonstrate to create</p>
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			Number series using fill handle, Copy formula by dragging the formula using fill handle.
DEC	19	Third Terminal Examination (15% Syllabus)	
JAN	20	<p>Electronic Spreadsheet</p> <p>Concept of Referencing</p> <ul style="list-style-type: none"> • Relative Referencing, • Mixed Referencing, Absolute Referencing • Importance of Chart In Spreadsheet • Types of Chart <p>Digital Presentation</p> <p>Understand features of an effective presentation</p> <ul style="list-style-type: none"> • Concept of Presentation, • Elements of Presentation, • Characteristics of an Effective Presentation <p>Create a presentation</p> <ul style="list-style-type: none"> • Introduction to Presentation Software, • Opening A Presentation Software • Parts of Presentation Window, • Closing A Presentation • Creating A Presentation Using Template, • Selecting Slide Layout, • Saving A Presentation, 	<p>Demonstrate to use Relative referencing in spreadsheet,</p> <p>Demonstrate to use Mixed referencing in spreadsheet,</p> <p>Demonstrate to use Absolute referencing in spreadsheet.</p> <p>Start the presentation application various components of main Impress window</p> <p>Observe the different workspace views.</p> <p>Create a new presentation using wizard.</p> <p>Run the presentation, Save the presentation, Close the presentation,</p> <p>Demonstrate to use Help in presentation.</p> <p>Demonstrate to insert a new slide and</p>

		<ul style="list-style-type: none"> • Running A Slide Show, • Save A Presentation in Pdf, • Closing A Presentation, • Using Help. • Work with slides • Inserting A Duplicate Slide, • Inserting New Slides, • Slide Layout, • Copying And Moving Slides, • Deleting And Renaming Slides • Copying, Moving And Deleting Contents of Slide, • View A Presentation, • Controlling The Size of The View, • Workspace Views – Normal, Outline, Notes, Slide Sorter View. <p>Format text and apply animations</p> <ul style="list-style-type: none"> • Formatting Toolbar • Various Formatting Features • Text Alignment, • Bullets And Numbering • Custom Animation <p>Create and use tables</p> <ul style="list-style-type: none"> • Inserting Tables In Presentation, • Entering And Editing Data In A Table, • Selecting A Cell, Row, 	<p>duplicate slide in a presentation, Change the slide layout, Demonstrate to copy and move slides in the presentation, Demonstrate to copy, move and delete contents of the slide, Demonstrate to view a presentation in different views. Identify and list the various options in formatting toolbar, Apply the appropriate formatting option Align the text in presentation, Apply bullets and numbering to the list items in presentation. Apply Animation Demonstrate the following:</p> <ul style="list-style-type: none"> • Insert table in presentation, • Enter and edit data in a table, • Select a cell, row, column, table, • Adjust column
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		<p>Column, Table,</p> <ul style="list-style-type: none"> • Adjusting Column Width And Row Height, • Table Border and Background <p>Insert and format image in presentation</p> <ul style="list-style-type: none"> • Inserting An Image From A File, • Inserting An Image From The Gallery, • Formatting Images, • Moving Images, • Resizing Images, • Rotating Images, • Formatting Using The Image Toolbar, • Drawing Graphic Objects –Line, Shapes, • Grouping and Un-Grouping Objects <p>Work with slide master</p> <ul style="list-style-type: none"> • Slide Masters, • Creating The Slide Masters, • Applying The Slide Masters to All Slide, • Adding Transitions. 	<p>width and row height,</p> <ul style="list-style-type: none"> • Assign table borders and background. <p>Demonstrate to insert an image from file, gallery in presentation, Apply formatting options to image in presentation, Demonstrate to move, resize and rotate images, Apply formatting options of Image toolbar, Drawing line, shapes using graphic objects, Demonstrate to group and ungroup objects. Create the slide masters, Apply the slide masters to the presentation, Add transitions to presentation.</p>
FEB	21	Revision & Final Examination Begins (35% + 35% + 30% Syllabus)	
MAR	24	Final Examination, Result & PTM	