



DELHI PUBLIC SCHOOL GAYA

(Under the aegis of the Delhi Public School Society, New Delhi)

Affiliated to C.B.S.E., New Delhi Affiliation No.330530, School Code - 65572

SPLIT-UP SYLLABUS FOR CLASS-IX FOR THE ACADEMIC SESSION: 2025-26

Subject: English Language & Literature (184)

Prescribed Books:- 1. Beehive (Textbook in English)

2. Moments (Supplementary Reader)

Months	No. of Working Days	Name of the Examination (As per School Policy Framed)	Chapters/Units	Tentative No. of Periods Required	Subject Enrichment Activities (SEA)
TERM-I					
April	23		<ul style="list-style-type: none"> Beehive: Ch-1 The Fun They Had Beehive: P-1 The Road Not Taken Moments: Ch-1 The Lost Child Grammar: Ch-1 Tenses Beehive: Ch-2 The Sound of Music (Part I) End of the Topic Test 	3 3 3 6 3 5	<ul style="list-style-type: none"> SEA-Debate: Traditional vs. Futuristic Education (Organise a debate where one team argues for the traditional education system (teachers, schools, physical classrooms), while the other argues for the futuristic education system (robots, computers, virtual classrooms as seen in the story). SEA-Creative Activity: The Child's Thoughts (Ask students to create a diary entry from the lost child's perspective. This should reflect his emotions at different points in the story, from excitement about the fair to fear and confusion after losing his parents.)
May	12		<ul style="list-style-type: none"> Beehive: Ch-2 The Sound of Music (Part II) Moments: Ch-2 The Adventures of Toto Writing Skills: Diary Entry Reading Comprehension: Discursive & Factual Passage End of the Topic Test 	3 3 2 2 2	<ul style="list-style-type: none"> SEA-Music and Emotions: Write a Poem or Short Story (Ask students to write a poem or short story about the emotional experience of listening to music. How does music affect your mood? Students can describe how different types of music make them feel and explore the emotional journey they experience when listening to their favorite songs or melodies.)
June	13	Periodic Test-I	<ul style="list-style-type: none"> Beehive: P-2 Wind Beehive: Ch-3 The Little Girl Moments: Ch-3 Iswaran the Storyteller Beehive: P-3 Rain on the Roof End of the Topic Test 	2 3 3 2 3	<ul style="list-style-type: none"> SEA-Create a Visual Representation of the Poem (Ask students to create a drawing, collage, or painting representing a scene from the poem. They should focus on capturing the essence of the rain, the roof, and the feeling of peaceful solitude that the speaker experiences while reflecting on the rain. Students can use watercolor paints, pencils, or digital tools to represent the mood of the poem.)

July	25		<ul style="list-style-type: none"> Beehive: Ch-4 A Truly Beautiful Mind Moments: Ch-4 In the Kingdom of Fools Beehive: P-4 The Lake Isle of Innisfree Beehive: Ch-5 The Snake and the Mirror Grammar: Ch-2 Modals End of the Topic Test 	3 3 3 4 3 5	<ul style="list-style-type: none"> SEA-Create a Timeline of Einstein's Life (Ask students to create a timeline showing important events in Albert Einstein's life, starting from his birth in 1879 to his later achievements and contributions to science.) SEA-Character Analysis: The Wise Guru vs The Foolish King (Ask students to compare the characters of the Wise Guru and the Foolish King. What traits make the Guru wise and the King foolish? Students will write a short comparison, discussing their character traits, their decisions, and how their actions affect the story's outcome.)
August	23		<ul style="list-style-type: none"> Beehive: P-5 A Legend of the Northland Moments: Ch-5 The Happy Prince Beehive: Ch-6 My childhood Grammar: Ch-3 Subject-Verb Concord Writing Skills: Story Writing Writing Skill: Descriptive Paragraph End of the Topic Test 	3 4 4 3 2 2 5	<ul style="list-style-type: none"> SEA-Creative Writing: The Woman's Regret (Ask students to write a letter from the woman (after her transformation into a bird) to the saint. In the letter, she should express her remorse and regret for her actions, explaining how she has realized the importance of kindness and sharing)
September	21	Mid-Term Examination/Periodic Test-II	<ul style="list-style-type: none"> Beehive: P-6 No Men Are Foreign Grammar: Ch-4 Determiners Beehive: Ch-7 Reach for the Top – I 	2 2 3	<ul style="list-style-type: none"> SEA-Assessment of Speaking and Listening Skills (ASL)
TERM-II					
October	13		<ul style="list-style-type: none"> Beehive: Ch-7 Reach for the Top – II Beehive: P-7 On Killing a Tree Moments: Ch-6 The Last Leaf End of the Topic Test 	3 2 3 3	<ul style="list-style-type: none"> AIL-Art Project: The Last Leaf (Students will create an artwork depicting the last leaf on the vine, which is a central symbol in the story. Students can use watercolors, colored pencils, and crayons to depict the image of the leaf as a symbol of life, hope, and sacrifice.)
November	23		<ul style="list-style-type: none"> Beehive: P-8 A Slumber Did My Spirit Seal Grammar: Ch-5 Reported Speech Beehive: Ch-8 Kathmandu Moments: Ch-7 A House is not a Home End of the Topic Test 	2 6 4 4 4	<ul style="list-style-type: none"> AIL-Create a Collage: Kathmandu's Spirit (Students will create a collage using magazines, newspapers, or printouts that represent the spirit of Kathmandu as depicted in the text. The collage can include images of temples, markets, people, and other elements of the city that convey its unique energy.)
December	22	Periodic Test-III	<ul style="list-style-type: none"> Beehive: Ch-9 If I Were You Moments: Ch-8 The Beggar End of the Topic Test 	5 4 2	<ul style="list-style-type: none"> SEA-Role Play: Gerrard and the Intruder (Divide students into pairs and have them role-play the scenes between Gerrard and the intruder. One student can act as Gerrard, and the other as the intruder. They should focus on the dramatic tension in the conversation, especially how

					Gerrard outsmarts the intruder.)
January	22		• Revision		• Class Assessment
February	22	Term End Examination			
March	20				

विषय : हिंदी

निर्धारित पुस्तकें – 1. स्पर्श भाग-1 (NCERT)
2. संचयन भाग-1 (NCERT)
3. व्याकरण परिचय (Language House)

माह	प्राप्त कालांश के संख्या	कार्य दिवसों की संख्या	परीक्षा का नाम (स्कूल नीति के अनुसार)	अध्याय/इकाई	अनुमानित आवश्यक कालांश (पीरियड)	विषय संवर्धन गतिविधियाँ (एस०ई०ए०)
टर्म-I						
अप्रैल	19	23		<u>स्पर्श : गद्य खण्ड</u> • पाठ-1 दुःख का अधिकार • पुनरावृत्ति <u>स्पर्श : पद्य खण्ड</u> • पाठ-6 पद (रेदास) • पुनरावृत्ति <u>व्याकरण</u> • पाठ-1 शब्द और पद • पुनरावृत्ति • कक्षा जाँच	04 01 05 01 04 01 03	• रामधारी सिंह दिनकर के साहित्यिक योगदान पर संक्षिप्त परियोजना तैयार करना।
मई	10	12		<u>संचयन</u> • पाठ-1 गिल्लू • पुनरावृत्ति <u>व्याकरण</u> • पाठ-2 अनुस्वार तथा अनुनासिक • कक्षा जाँच	05 01 02 02	• महादेवी वर्मा का साहित्यिक परिचय लिखना। • महादेवी वर्मा की किसी कहानी पर नाट्य प्रस्तुति।
जून	11	13	आवधिक परीक्षा-1	<u>स्पर्श : गद्य खण्ड</u> • पाठ-2 एवरेस्ट: मेरी शिखर यात्रा • पुनरावृत्ति • कक्षा जाँच	08 02 01	• सन् 1984 में बछेंद्री पाल के अलावा एवरेस्ट पर चढ़ने वाले भारतीय पर्वतारोहियों की सूची तैयार कराना।
जुलाई	21	25		<u>स्पर्श : पद्य खण्ड</u> • पाठ-7 दोहे (रहीम)	05	• रहीम के दोहों को संकलित कर चार्ट पेपर पर सजा कर लिखना।

				<ul style="list-style-type: none"> पुनरावृत्ति स्पर्श : गद्य खण्ड पाठ-3 तुम कब जाओगे, अतिथि पुनरावृत्ति संचयन पाठ-2 स्मृति पुनरावृत्ति व्याकरण पाठ-3 उपसर्ग तथा प्रत्यय अपठित बोध अपठित गद्यांश कक्षा जाँच 	01 04 01 03 01 03 01 02	<ul style="list-style-type: none"> अपनी स्मृति के आधार पर किसी अविस्मरणीय घटना का वर्णन करना।
अगस्त	19	23		स्पर्श : गद्य खण्ड <ul style="list-style-type: none"> पाठ-4 वैज्ञानिक चेतना के वाहक: चंद्रशेखर वेंकट रामन पुनरावृत्ति व्याकरण - पाठ-4 स्वर संधि पुनरावृत्ति कक्षा जाँच 	04 01 10 02 02	<ul style="list-style-type: none"> भारत के नोबेल पुरस्कार प्राप्त वैज्ञानिकों की सूची तैयार करना।
सितम्बर	18	21	मध्यावधि परीक्षा/आवधिक परीक्षा-2	<ul style="list-style-type: none"> पुनरावृत्ति 		
टर्म-II						
अक्टूबर	11	13		स्पर्श : पद्य खण्ड <ul style="list-style-type: none"> पाठ-8 गीत-अगीत पुनरावृत्ति व्याकरण- पाठ-5 विराम चिह्न पुनरावृत्ति लेखन खण्ड अनुच्छेद लेखन कक्षा जाँच 	04 01 02 01 01 02	<ul style="list-style-type: none"> भक्तिकाल के कवियों पर एक परियोजना तैयार करना।
नवम्बर	19	23		स्पर्श : पद्य खण्ड <ul style="list-style-type: none"> पाठ-9 अग्निपथ पुनरावृत्ति 	02 01	<ul style="list-style-type: none"> 'जीवन एक संघर्ष है' विषय से संबंधित कोई अन्य कविता लिखना।

				<u>संचयन-</u> <ul style="list-style-type: none"> पाठ-3 कल्लू कुम्हार की उनाकोटी (पुनरावृत्ति) <u>व्याकरण</u> <ul style="list-style-type: none"> पाठ-6 अर्थ की दृष्टि से वाक्य-भेद (पुनरावृत्ति) <u>लेखन खण्ड-</u> <ul style="list-style-type: none"> पत्र-लेखन (अनौपचारिक) कक्षा जाँच 	05 01 04 01 02 03	
दिसम्बर	18	22	आवधिक परीक्षा-3	<u>स्पर्श : गद्य खण्ड</u> <ul style="list-style-type: none"> पाठ-5 शुक्रतारे के समान पुनरावृत्ति <u>संचयन -</u> <ul style="list-style-type: none"> पाठ-4 मेरा छोटा-सा निजी पुस्तकालय पुनरावृत्ति <u>लेखन खंड -</u> <ul style="list-style-type: none"> चित्र वर्णन कक्षा जाँच 	06 01 06 01 02 02	<ul style="list-style-type: none"> स्वतंत्रता आंदोलन में गांधी जी एवं उनके सहयोगियों के योगदान का विस्तारपूर्वक वर्णन करना। 'मेरा छोटा-सा निजी पुस्तकालय' पाठ में वर्णित विश्व साहित्य के रचनाकारों की सूची तैयार करना।
जनवरी	18	22		<u>स्पर्श : पद्य खण्ड</u> <ul style="list-style-type: none"> पाठ-10 नए इलाके में... खुशबू रचते हैं हाथ ... पुनरावृत्ति <u>लेखन खंड -</u> <ul style="list-style-type: none"> संवाद लेखन कक्षा जाँच 	05 05 02 04 02	<ul style="list-style-type: none"> अगरबत्ती/माचिस/मोमबत्ती/पापड़ निर्माण से संबंधित उद्योगों के विषय में जानकारी प्राप्त कर लिखना।
फरवरी	18	22	सत्रांत परीक्षा	<ul style="list-style-type: none"> पुनरावृत्ति 		
मार्च	17	20		<ul style="list-style-type: none"> पुनरावृत्ति 		

Subject : Mathematics

Prescribed Book:- 1. Mathematics for class-IX NCERT & R.S. Aggarwal (Bharati Bhawan)

Months	No. of Working Days	Name of the Examination (As per School Policy Framed)	Chapters/Units	Tentative No. of Periods Required	Subject Enrichment Activities (SEA)
TERM-I					
April	23		CH-1 Number Systems <ul style="list-style-type: none"> Review of representation of natural numbers, 	10	<ul style="list-style-type: none"> Square Root Spiral Verification of algebraic Identities

			<p>integers, and rational numbers on the number line. Rational numbers as recurring/ terminating decimals. Operations on real numbers.</p> <ul style="list-style-type: none"> • Examples of non-recurring/non-terminating decimals. Existence of non-rational numbers (irrational numbers) such as, and their representation on the number line. Explaining that every real number is represented by a unique point on the number line and conversely, viz. every point on the number line represents a unique real number. • Definition of nth root of a real number. • Rationalization (with precise meaning) of real numbers of the type and (and their combinations) where x and y are natural number and a and b are integers. • 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>CH-2 Polynomials</p> <ul style="list-style-type: none"> • Definition of a polynomial in one variable, with examples and counter 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. Motivate and State the Remainder Theorem with examples. Statement and proof of the Factor Theorem. <p>End of the Topic Test</p>	11	
May	12		<p>CH-2 Polynomials (Cont...)</p> <ul style="list-style-type: none"> • 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: • $(x + y + z)^2 = x^2 + y^2 + z^2 + 2xy + 2yz + 2xz$ • $(x \pm y)^3 = x^3 \pm y^3 \pm 3xy(x \pm y)$ • $x^3 \pm y^3 = (x \pm y)(x^2 \mp xy + y^2)$ • $x^3 + y^3 + z^3 - 3xyz = (x + y + z)(x^2 + y^2 + z^2 - xy - yz - xz)$ and their use in factorization of polynomials. <p>CH-3 Coordinate Geometry</p> <ul style="list-style-type: none"> • The Cartesian plane, coordinates of a point, names and terms associated with the coordinate plane, notations. <p>End of the Topic Test</p>	02 06 04 02	<ul style="list-style-type: none"> • Co Ordinate representation and plotting of points
June	13	Periodic Test-I	<p>CH-5 Introduction To Euclid's Geometry</p> <ul style="list-style-type: none"> • History - Geometry in India and Euclid's geometry. Euclid's method of formalizing observed phenomenon into rigorous Mathematics with definitions, common/obvious notions, 	04	<ul style="list-style-type: none"> • To verify experimentally that if two lines intersect then vertically opposite angles are equal and sum of adjacent angles is 180°

			<p>axioms/postulates and theorems. The five postulates of Euclid. Showing the relationship between axiom and theorem, for example:</p> <ul style="list-style-type: none"> • (Axiom) 1. Given two distinct points, there exists one and only one line through them. • (Theorem) 2. (Prove) Two distinct lines cannot have more than one point in common. <p>CH-6 Lines and Angles</p> <ul 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>End of the Topic Test</p>	07	
July	25		<p>CH-7 Triangles</p> <ul 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). • (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). • (Motivate) Two triangles are congruent if the three sides of one triangle are equal to three sides of the other triangle (SSS Congruence). • (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) • (Prove) The angles opposite to equal sides of a triangle are equal. • (Motivate) The sides opposite to equal angles of a triangle are equal. <p>End of the Topic Test</p>	23	<ul style="list-style-type: none"> • To verify experimentally the different criteria for congruency of triangle using triangle cut outs
August	23		<p>CH-10 Heron's Formula</p> <ul style="list-style-type: none"> • Area of a triangle using Heron's formula (without proof) <p>CH-11 Surface Areas and Volumes</p> <ul style="list-style-type: none"> • Surface areas of spheres (including hemispheres) and right circular cones. • Volumes of spheres (including hemispheres) and right circular cones. <p>End of the Topic Test</p>	10 11 02	<ul style="list-style-type: none"> • To verify that the sum of the opposite angles of cyclic quadrilateral is supplementary • Angle at the centre of the circle is double the angle at any point on the circumference of the circle
September	21	Mid-Term Examination/Periodic Test-II	<p>CH-8 Quadrilaterals</p> <ul style="list-style-type: none"> • (Prove) The diagonal divides a parallelogram into two congruent triangles. • (Motivate) In a parallelogram opposite sides are equal, and conversely. 	09	<ul style="list-style-type: none"> • To verify that the angle of the same side of segment are equal

			<ul style="list-style-type: none"> • (Motivate) In a parallelogram opposite angles are equal, and conversely. • (Motivate) A quadrilateral is a parallelogram if a pair of its opposite sides is parallel and equal. • (Motivate) In a parallelogram, the diagonals bisect each other and conversely. • (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>End of the Topic Test ** REVISION**</p>	02 10	
TERM-II					
October	13		<p>CH-8 Quadrilaterals (Cont...)</p> <ul style="list-style-type: none"> • (Motivate) In a parallelogram, the diagonals bisect each other and conversely. • (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>CH-09 Circles</p> <ul style="list-style-type: none"> • (Prove) Equal chords of a circle subtend equal angles at the center and (motivate) its converse. • (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>End of the Topic Test</p>	08 03 02	
November	23		<p>CH-09 Circles (Continuation)</p> <ul style="list-style-type: none"> • (Motivate) Equal chords of a circle (or of congruent circles) are equidistant from the center (or their respective centers) and conversely. • (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. • (Motivate) Angles in the same segment of a circle are equal. • (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. • (Motivate) The sum of either of the pair of the opposite angles of a cyclic quadrilateral is 180° and its converse. <p>CH-12 Statistics</p> <ul style="list-style-type: none"> • Bar graphs, histograms (with varying base lengths), and frequency polygons. <p>End of the Topic Test</p>	13 08 02	<ul style="list-style-type: none"> • To form a cone from sector of circle and to find the curved surface area
December	22	Periodic Test-III	<p>CH-4 Linear Equations in two Variables</p> <ul style="list-style-type: none"> • Recall of linear equations in one variable. 	05	<ul style="list-style-type: none"> • To draw histogram for the classes of equal width and varying width

			<p>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> <ul style="list-style-type: none"> • End of the Topic Test <p>** REVISION **</p>	02 15	
January	22		<ul style="list-style-type: none"> • **Revision** 		
February	22	Term End Examination	<ul style="list-style-type: none"> • **Revision** 		
March	20		<ul style="list-style-type: none"> • **Revision** 		

Subject : Physics (086)

Prescribed Books :- 1. National Council of Educational Research and Training

2. Lab Manual (Arihant Publication) (National Council of Educational Research and Training)

Months	No. of Working Days	Name of the Examination (As per School Policy Framed)	Chapters/Units	Tentative No. of Periods Required	Subject Enrichment Activities (SEA)
TERM-I					
April	14/23		<p>Chapter: Motion</p> <ul style="list-style-type: none"> • Physical Quantity and its types • Units and conversion of units • Motion and types of motion • Distance and Displacement • Numericals based on distance and displacement • Speed, Types of Speed and Average Speed • Numericals Based on Speed and Average Speed • Velocity, Types of Velocity and Average Velocity 	1 2 1 1 2 3 2 2	
May	08/12		<p>Chapter: Motion(cont.)</p> <ul style="list-style-type: none"> • Numericals based on Velocity and Average Velocity • Acceleration, Types of acceleration • Equation of motion • EOCT and Discussion of Test 	2 2 3 1	<ul style="list-style-type: none"> • Verification of the Laws of reflection of sound.
June	08/13	Periodic Test-I	<p>Chapter: Motion(cont.)</p> <ul style="list-style-type: none"> • Graphical representation of Motion • Problems based on Graphs <p>Chapter: Force and laws of motion</p> <ul style="list-style-type: none"> • Force and Effects of force 	2 2 1	

			<ul style="list-style-type: none"> Balanced and unbalanced force Resultant force 	2 1	
July	14/25		Chapter: Force and laws of motion(cont) <ul style="list-style-type: none"> Newtons first law of motion Inertia and types of inertia Newton's second law of motion and its mathematical representation Numericals based on second law Momentum and Conservation of momentum Numericals based on momentum Newton's third law of motion EOCT and Discussion of test 	1 2 3 3 2 1 1 1	<ul style="list-style-type: none"> Determination of the density of solid (denser than water) by using a spring balance and a measuring cylinder.
August	14/23		Chapter: Gravitation <ul style="list-style-type: none"> Universal Law of Gravitation Numericals based on gravitational law Acceleration due to gravity G at earth surface and near-earth surface Motion near earth surface Mass and Weight Numericals based on Mass and Weight Pressure and Thrust Pressure exerted by fluid 	1 3 1 2 3 1 1 1 1	
September	06/21	Mid-Term Examination/Periodic Test-II	Chapter: Gravitation(cont.) <ul style="list-style-type: none"> Buoyancy and Buoyant Force Archimedes Principle Condition for flotation and sinking EOCT and Feedback 	1 1 3 1	
TERM-II					
October	08/13		Chapter: Work, Energy and Power <ul style="list-style-type: none"> Work Positive, Negative and Zero work Numericals based on work done Introduction to trigonometry General formula for work Energy and types of energy 	1 1 2 1 1 2	<ul style="list-style-type: none"> Establishing the relation between the loss in weight of a solid when fully immersed in Tap water
November	12/23		Chapter: Work, Energy and Power (Cont.) <ul style="list-style-type: none"> Expression for Kinetic energy Expression for Potential energy Conservation of energy Power EOCT and Discussion of test Chapter: Sound <ul style="list-style-type: none"> Sound and its properties 	1 1 2 1 1 1	<ul style="list-style-type: none"> Strongly salty water with the weight of water displaced by it by taking at least two different solids

			<ul style="list-style-type: none"> Production of sound Propagation of sound Waves Characteristics of waves 	1 2 1 1	
December	22	Periodic Test-III	Chapter: Sound(cont.) <ul style="list-style-type: none"> Characteristics of waves Graphical representation of wave Reflection of sound and laws of reflection Echo Application of multiple reflection Ultrasound and its applications Sonar EOCT and Discussion of test 	1 2 2 2 1 1 2 1	<ul style="list-style-type: none"> Determination of the speed of a pulse propagated through a stretched string/slinky (helical spring)
January	22		<ul style="list-style-type: none"> Revision 		<ul style="list-style-type: none"> Oral exam
February	22	Term End Examination	<ul style="list-style-type: none"> Revision 		<ul style="list-style-type: none"> Practical File Assessment
March	20				

Subject: Chemistry (086)

Prescribed Book :-

1. National Council of Educational Research and Training
2. Lab Manual (Arihant Publication) (National Council of Educational Research and Training)

Months	No. of Working Days	Name of the Examination (As per School Policy Framed)	Chapters/Units	Tentative No. of Periods Required	Subject Enrichment Activities (SEA)
TERM-I					
April	12/23		<ul style="list-style-type: none"> Matter in Our Surroundings Physical nature of matter Characteristics of Particles of Matter States of Matter Latent Heat Effect of Change of Pressure 	02 02 02 02 02 02	<ul style="list-style-type: none"> Determination of the melting point of ice and the boiling point of water. How will you study the phenomenon of sublimation? How does the rate of evaporation of different liquids differ?
May	6/12		<ul style="list-style-type: none"> Evaporation Questions answers End of chapter test 	02 02 02	<ul style="list-style-type: none"> Perform the following reactions and classify them as physical or chemical changes: a) Iron with copper sulphate solution in water b) Burning of magnesium ribbon in air c) Zinc with dilute sulphuric acid d) Heating of copper sulphate crystals e) Sodium sulphate with barium chloride in the form of their solutions in water
June	06/13	Periodic Test-I	<ul style="list-style-type: none"> Is matter around us pure? Introduction What is solution? Concentration of solution 	02 02 02	<ul style="list-style-type: none">
July	13/25		<ul style="list-style-type: none"> Types of Solutions Physical and Chemical changes Types of Pure Substance 	03 02 02	<ul style="list-style-type: none"> 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

			<ul style="list-style-type: none"> • Question answers • End of chapter test 	02 02 02	solution of starch in water and egg albumin/milk in water and distinguish between these on the basis of • transparency • filtration criterion • stability
August	12/23		<ul style="list-style-type: none"> • Atoms and Molecules • Laws of chemical combination • Atoms and atomic mass • Revision 	02 04 02 04	<ul style="list-style-type: none"> • Preparation of a) A mixture b) A compound using iron filings and sulphur powder and distinguishing between these on the basis of: (i) appearance, i.e., homogeneity and heterogeneity (ii) behaviour towards a magnet (iii) behaviour towards carbon disulphide as a solvent (iv) effect of heat
September	03/21	Mid-Term Examination/Periodic Test-II	<ul style="list-style-type: none"> • Atoms and Molecules(cont.) • Molecules and molecular mass 	02 01	<ul style="list-style-type: none"> • Practical File Assessment
TERM-II					
October	07/13		<ul style="list-style-type: none"> • Atoms and Molecules (cont.) • Writing chemical formulae • Formula unit mass • End of chapter test 	05 01 01	<ul style="list-style-type: none"> • Verification of the law of conservation of mass in a chemical reaction. • Lentil activity to understand the concept of relative atomic mass.
November	11/23		<ul style="list-style-type: none"> • Structure of the atom Introduction • Charged Particles in Matter • Structure of atom 	02 04 05	<ul style="list-style-type: none"> •
December	11/22	Periodic Test-III	<ul style="list-style-type: none"> • Structure of the atom (cont.) • Rutherford's model • Bohr's model • Valency • Atomic number and mass number • Isotopes and Isobars • End of chapter test 	02 02 02 02 02 02 01	<ul style="list-style-type: none"> • https://edu.rsc.org/lesson-plans/atoms-and-atomic-structure-a-similar-and-different-activity-16-18-years/113.article • (Similarity and dissimilarity activity cards from Royal Society of Chemistry) • Crossword puzzle
January	12/22		<ul style="list-style-type: none"> • Revision 	12	<ul style="list-style-type: none"> • Oral Exam
February	05/22	Term End Examination	<ul style="list-style-type: none"> • Matter in our surroundings (to be tested) • Is matter around us pure? (to be tested) • Atoms and Molecules (to be tested) • Structure of the atom (to be tested) 	01 01 01 02	<ul style="list-style-type: none"> • Practical File Assessment • Portfolio Assessment

March	20				
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Subject: Biology (086)

Prescribed Book :-

1. National Council of Educational Research and Training
2. Lab Manual (Arihant Publication) (National Council of Educational Research and Training)

Months	No. of Working Days	Name of the Examination (As per School Policy Framed)	Chapters/Units	Tentative No. of Periods Required	Subject Enrichment Activities (SEA)
TERM-I					
April	10/23		The Fundamental Unit of life. <ul style="list-style-type: none"> ▪ The Microscope ▪ What is a Cell made up of? ▪ Plasma Membrane • Cell Wall 	10 02 01 05 02	<ul style="list-style-type: none"> • How to study the parts of a compound microscope and their functions. • What will happen if a cell is placed in a hyper or hypotonic solution? • How to study the process of osmosis?
May	08/12		The Fundamental Unit of life. <ul style="list-style-type: none"> • Nucleus, Cytoplasm • Cell Organelles (ER, Mitochondria, Golgi apparatus, Lysosomes) 	08 03 05	<ul style="list-style-type: none"> • How to study a plant cell? • How to study an animal cell?
June	09/13	Periodic Test-I	The Fundamental Unit of life. <ul style="list-style-type: none"> • Cell Organelles (Vacuoles, Plastids) • Cell Division • Revision of the topic. • End of Topic test + Discussion of Test 	09 03 02 02 02	<ul style="list-style-type: none"> • Preparation of a stained temporary mounts of human cheek and onion peel cells.
July	13/25		Tissues: Plant tissues. <ul style="list-style-type: none"> • Meristematic tissue, Permanent Tissue • Types of Permanent Tissues • (Simple & Complex) • End of Topic test+ Discussion of Test 	13 05 06 02	<ul style="list-style-type: none"> • How to identify different types of plant tissues? • Identification of Parenchyma, Collenchyma and Sclerenchyma tissues in plants.
August	14/23		Tissues: Animal tissues. <ul style="list-style-type: none"> • Epithelial Tissue • Connective Tissue • Muscular Tissue • Nervous Tissue • End of Topic test+ Discussion of Test 	14 03 03 03 03 02	<ul style="list-style-type: none"> • How to identify different types of animal tissues? • Identification of Striated, Smooth and Cardiac muscles in permanent slides.
September	04/21	Mid-Term Examination/Periodic Test-II	Improvement in Food Resources. <ul style="list-style-type: none"> • Types of Crop • Crop variety improvement 	04 02 02	<ul style="list-style-type: none"> • To demonstrate cropping patterns in fields.
TERM-II					
October	05/13		Improvement in Food Resources. <ul style="list-style-type: none"> • Nutrient Management • Manure and Fertilizer 	05 03 02	<ul style="list-style-type: none"> • Visiting the Apiary farms within the campus.
November	13/23		Improvement in Food Resources. <ul style="list-style-type: none"> • Irrigation 	13 03	

			<ul style="list-style-type: none"> • Cropping Patterns • Crop Protection and Management • Cattle Farming 	03 02 05	
December	11/22	Periodic Test-III	Improvement in Food Resources. <ul style="list-style-type: none"> • Poultry Farming • Fish Production • Bee keeping • End of Topic test+ Discussion of Test 	11 03 03 03 02	
January	09/22		<ul style="list-style-type: none"> • Revision 	09	
February	06/22	Term End Examination	<ul style="list-style-type: none"> • Revision • The Fundamental Unit of life. • Tissues • Improvement in Food Resources 	06	
March	20		Revision		

Social Science (087)

Prescribed Books :

1. India and the Contemporary World - I (History) - Published by NCERT
2. Contemporary India - I (Geography) - Published by NCERT
3. Democratic Politics - I Published by NCERT
4. Economics - Published by NCERT

Months	No. of Working Days	Name of the Examination (As per School Policy Framed)	Chapters/Units	Tentative No. of Periods Required	Subject Enrichment Activities (SEA)
TERM-I					
April	23		His CH1-The French Revolution <ul style="list-style-type: none"> • The French Revolution impact on the European countries in the making of nation states in Europe and elsewhere. • The quest for imperialism triggered the First World War. • Various sources to address imbalances that may lead to revolutions Geo CH1 India – Size & Location. <ul style="list-style-type: none"> • The location of an area • The trading and cultural relationships of India with its neighbouring countries. <ul style="list-style-type: none"> • Location of India enables its position as a strategic partner in the subcontinent. • The reasons for the differences in climatic conditions, local and standard time Pol CH1 What is Democracy? Why Democracy? <ul style="list-style-type: none"> • The concept of structural components of 	01 03 03 01 01 01	<ul style="list-style-type: none"> • French Revolution Art Project: Students will create a timeline or digital story of the French Revolution, highlighting key events using artwork, historical imagery, and brief written descriptions. • Conduct a role-play debate where students represent different viewpoints regarding the pros and cons of democracy, using case studies from across the globe. • Students will compile recent media reports on India's agricultural crisis.

			<p>Democracy and its forms/ features.</p> <ul style="list-style-type: none"> Working of democracies of India and North Korea The different historical processes and forces that have contributed for the promotion of democracy <p>Eco CH 1 The Story of Village Palampur</p> <ul style="list-style-type: none"> The requirements of production Farming and non-farming activities to economic growth. The significance of conditions of farming and the factors of production. Solutions to foster an equitable society <p>His CH 2 Socialism in Europe and the Russian Revolution</p> <ul style="list-style-type: none"> Situations that led to the rise of Russian and French Revolutions. The situations that led to the establishment of Lenin's communism and Stalin's collectivization. The role played by the varied philosophers and leaders that shaped the revolution End of topic test 	<p>01</p> <p>01</p> <p>01</p> <p>01</p> <p>01</p> <p>02</p> <p>02</p> <p>03</p> <p>01</p>	
May	12		<p>Geo CH 2 Physical Features of India</p> <ul style="list-style-type: none"> The Physical Features of India influences the livelihoods, culture, and the biodiversity of the region. The geological process that played a crucial role in the formation of diverse physical features in India. The conditions and relationships of the people living in different physiographic areas. <p>His CH3 Nazism and the Rise of Hitler</p> <ul style="list-style-type: none"> Analyse the role of "Treaty of Versailles" in the rise of Hitler to power. > Analyse the genocidal war waged against the "undesirables" by Hitler. > Compare and contrast the characteristics of Hitler and Gandhi End of topic test 	<p>01</p> <p>01</p> <p>02</p> <p>02</p> <p>02</p> <p>02</p> <p>03</p> <p>01</p>	<ul style="list-style-type: none"> Students will research key figures of Nazism and the rise of Hitler, presenting a poster or infographic on the political, economic, and social factors that led to Hitler's rise to power.
June	13	Periodic Test-I	<p>Pol CH2 Constitutional Design</p> <ul style="list-style-type: none"> The situation that led to creation of Indian Constitution The essential features that need to be kept in mind while drafting a constitution. 	<p>01</p> <p>01</p>	<ul style="list-style-type: none"> A mock constitutional assembly where students debate various elements of India's Constitution, discussing its evolution and importance in the modern world.

		<ul style="list-style-type: none"> The guiding values that created the Indian constitution The roles and responsibilities as citizens of India. <p>Eco CH2 People as Resource</p> <ul style="list-style-type: none"> The reasons that contribute to the quality of population. Different government schemes End of topic test 	<p>02</p> <p>02</p> <p>03</p> <p>03</p> <p>01</p>	
July	25	<p>His CH 5 Pastoralists in the modern world.</p> <ul style="list-style-type: none"> The situations that have created nomadic societies highlighting the key factors played by the climatic conditions and topography. Varying patterns of developments within pastoral societies in different places in India. The impact of colonialism on Pastoralists in India and Africa <p>Geo CH 3 Drainage</p> <ul style="list-style-type: none"> The information about different lakes Creative solutions to overcome the water pollution and also to increase the contribution of water bodies to the Indian economy. The river systems of the country and the role of rivers in human society Revision <p>End of topic test</p>	<p>03</p> <p>02</p> <p>04</p> <p>03</p> <p>02</p> <p>04</p> <p>06</p> <p>01</p>	<ul style="list-style-type: none"> Revision
August	23	<p>Geo Ch 4-Climate</p> <ul style="list-style-type: none"> The effect of monsoon winds on rainfall of the Indian subcontinent. The temperatures between plateau region, Himalayan region, desert region and coastal region. The reasons for the wide difference between temperatures at different geographical locations of India <p>Pol CH 3 Electoral Politics</p> <ul style="list-style-type: none"> The implications of power of vote and power of recall. The essential features of the Indian Electoral system. The rationale for adopting the present Indian Electoral System <p>Geo CH5 Natural Vegetation and Wild Life</p> <ul style="list-style-type: none"> Forest Society 	<p>01</p> <p>01</p> <p>02</p> <p>01</p> <p>01</p> <p>01</p> <p>01</p> <p>01</p>	<ul style="list-style-type: none"> Prepare a detailed chart of all Lok Sabha elections, including voting patterns, party performance, and electoral strategies. Analyze population data to discuss trends such as population growth, density, and migration, and present findings on how these affect economic and social structures. Create an interactive map showing the distribution of India's natural vegetation and wildlife, discussing the importance of each region in maintaining biodiversity.

			Geo CH6 Population <ul style="list-style-type: none"> The reasons behind the uneven distribution of population in India with Specific reference to UP & Rajasthan and Mizoram and Karnataka Enlist the factors that affect the population density Pol CH 4 Working of Institutions. <ul style="list-style-type: none"> The roles, responsibilities, and interdependency of all the 3 organs of the Government. The parliamentary system of executive's accountability to the legislature. The rule of law in India. Eco CH3 Poverty as a Challenge <ul style="list-style-type: none"> The reasons for poverty in the rural and urban areas. The efficacy of the government to eradicate poverty. The link between education and poverty End of topic test 	01 01 01 01 02 02 01 02 02 01	
September	21	Mid-Term Examination/Periodic Test-II	<ul style="list-style-type: none"> Examination 	21	<ul style="list-style-type: none"> Examination
TERM-II					
October	13		Pol CH 5 Democratic Rights. <ul style="list-style-type: none"> The importance of fundamental rights and duties in the light of the nation's glory. The role of a responsible citizen while performing their prescribed duties versus claiming rights. Eco CH 4 Food security in India. <ul style="list-style-type: none"> Various aspects of food security that will ensure continuity of supply The different features of PDS that directly address FSI. The impact of the Green Revolution. Causes and effect of famines in food security during pre and post independent India. End of topic test 	02 04 02 01 01 02 01	<ul style="list-style-type: none"> Students will engage in a debate discussing India's food security system, evaluating government measures like the Public Distribution System (PDS) and their effectiveness in addressing hunger.
November	23		<ul style="list-style-type: none"> Examination/Revision 	23	<ul style="list-style-type: none"> Examination/Revision
December	22	Periodic Test-III	<ul style="list-style-type: none"> Revision 	22	<ul style="list-style-type: none"> Revision
January	22		<ul style="list-style-type: none"> Revision 	22	<ul style="list-style-type: none"> Revision

February	22	Term End Examination	• Term End Examination	22	• Term End Examination
March	20		• Term End Examination	20	• Term End Examination

विषय : संस्कृत

निर्धारित पुस्तकें –

1. शेमुषी भाग-1 (NCERT Text Book)
2. सम्प्रेषणात्मक संस्कृत व्याकरण तथा अभ्यास (Arya Book Depot Publications.)

मासः	कार्यदिवसः	परीक्षायाः नाम	अध्यायः / पाठः	अनुमानित आवश्यक समयः	प्रस्तावित क्रियाकलापः
टर्म- I					
अप्रैल	20 / 23		पाठ-1 भारतीवसन्तगीतिः पाठ-2 स्वर्णकाकः (शेमुषी), रचनात्मककार्यम् चित्रवर्णनम् वाक्यनिर्माणम् अपठितगद्यांशः पठितगद्यांशवर्णनम् बहुविकल्पीय प्रश्नचर्चा अध्यायस्य अन्तिमे परीक्षा	04 04 06 05 01	<ul style="list-style-type: none"> • षट् ऋतुओं में होने वाले बदलाव पर पाँच वाक्य संस्कृत में लिखें। • स्वर्णकाकः अध्याय को हिन्दी में लिखें।
मई	10 / 12		पाठ-1 संस्कृतानुवादः, प्रत्ययाः पाठ-3 गोदोहनम् (शेमुषी) अध्यायस्य अन्तिमे परीक्षा	05 04 01	<ul style="list-style-type: none"> • “धैर्यवान् मनुष्यः” इस विषय पर एक लघु कथा लिखें।
जून	05 / 13	आवधिक परीक्षणम् 1	पाठ-5 सूक्तिमौक्तिकम् (शेमुषी) संस्कृत वर्णमाला- संधि-प्रकरणम्-स्वर, व्यंजन, विसर्गः (व्याकरणम्) परीक्षा-पाठ्यक्रमस्थः अभ्यासः अध्यायस्य अन्तिमे परीक्षा	02 02 01	<ul style="list-style-type: none"> • सूक्तिमौक्तिकम् इस पाठ से अर्थ एवं अन्वय सहित कोई एक श्लोक चार्ट पेपर पर लिखें।
जुलाई	20 / 25		पाठ-6 भ्रान्तो बालः (शेमुषी) व्याकरणम्-संधिः अभ्यासः संख्या अव्ययः अन्वय, अध्यायस्य अन्तिमे परीक्षा	06 06 03 03 02	<ul style="list-style-type: none"> • अध्याय में प्रदत्त चित्र को देखकर संस्कृत में दस वाक्य लिखें।
अगस्त	20 / 23		पाठ-9 सिकतासेतुः (शेमुषी) व्याकरणम्-शब्दरूप-प्रकरणम् धातुरूप-प्रकरणम्, पत्र-लेखनम् अध्यायस्य अन्तिमे परीक्षा	06 06 06 02	<ul style="list-style-type: none"> • परस्पर संवाद का अभ्यास एवं संवादाधारित नए शब्दों को अपनी पुस्तिका में लिखें।
सितम्बर	05 / 21	मध्यकालिक परीक्षा/आवधिक परीक्षणम् 2	पुनरावृत्तिः, पठित गद्यांशस्य, पद्यांशस्य, नाट्यांशस्य च अभ्यासः	05	
टर्म- II					
अक्टूबर	10 / 13		पाठ-10 जटायोः शौर्यम् (शेमुषी) व्याकरणम्-कारक-उपपद-विभक्तिः, उपसर्गः घटनाक्रमानुसारम् च	04 05 01	<ul style="list-style-type: none"> • “सामाजिक व्यवहार का ज्ञान” इस बारे में लघु कथा लिखें।

			अध्यायस्य अन्तिमे परीक्षा		
नवम्बर	20/23		पाठ-11 पर्यावरणम् पाठ-12 वाङ्मनः प्राणस्वरूपम् (शेमुषी) अध्यायस्य अन्तिमे परीक्षा	09 09 02	<ul style="list-style-type: none"> प्रदूषण पर एक चित्र बनाकर उस पर पाँच वाक्य निर्माण करें। मन, प्राण, वाणी संबंधित तत्वों की चर्चा।
दिसम्बर	19/22	आवधिक परीक्षणम् 3	पाठ्यक्रमस्य अभ्यासः कारक-उपपद-विभक्तिः अध्यायस्य अन्तिमे परीक्षा	09 08 02	<ul style="list-style-type: none"> कारक एवं उपपद विभक्ति को दर्शाते हुए चार्ट निर्माण करें।
जनवरी	19/22		पाठ्यक्रमस्य अभ्यासः कारक-उपपद-विभक्तिः अध्यायस्य अन्तिमे परीक्षा	09 08 02	
फरवरी	12/22	मुख्या परीक्षा 1	पुनरावृत्तिः	12	
मार्च	20				

Subject : German (020)

Prescribed Books :- 1. Beste Freunde B 1.1 (Lessons 1-5) (Hueber Publications, Published in India by Goyal Publishers)

Months	No. of Working Days	Name of the Examination (As per School Policy Framed)	Chapters/Units	Tentative No. of Periods Required	Subject Enrichment Activities (SEA)
TERM-I					
April	23		<ul style="list-style-type: none"> Lesson 1 Celebration To talk about future plans To allocate responsibilities To give a suggestion End of topic test 	20+3	<ul style="list-style-type: none"> Fest-Planer – Plan a Party! E-mail schreiben Reading Comprehension
May	12		<ul style="list-style-type: none"> Lesson 1 Celebration (cont...) To accept and decline a proposal Subordinate clause “wenn” “zu” + Infinitive “brauchen” +...+ “zu” +Infinitive Preposition of time “während” + Genitive End of topic test 	11+1	<ul style="list-style-type: none"> Mein Lieblingsfest – My Favorite Celebration (Presentation) E-mail schreiben Reading Comprehension
June	13	Periodic Test-I	<ul style="list-style-type: none"> Lesson 2 Shopping and consumption To follow a timeline and describe an event To give reasons for one’s actions and decisions End of topic test 	12+1	<ul style="list-style-type: none"> Einkaufsdialog – Shopping Role-Play E-mail schreiben Reading Comprehension
July	25		<ul style="list-style-type: none"> Lesson 2 Shopping and consumption (cont...) Subordinate clause “um...zu” Subordinate clause “damit” Lesson 3 Feelings and relationships 	24+1	<ul style="list-style-type: none"> Werbung gestalten – Create an Advertisement E-mail schreiben Reading Comprehension

			<ul style="list-style-type: none"> • To ask for someone's opinion and give one's own opinion • To agree or disagree • End of topic test 		
August	23		<ul style="list-style-type: none"> • Lesson 3 Feelings and relationships (cont...) • To talk about what one would do in a particular situation • Question word "Wo(r)" + Preposition • Pronouns "da(r)" + Preposition • Subjunctive II: "würde" + Infinitive • Articles and Nouns in Genitive • End of topic test 	22+1	<ul style="list-style-type: none"> • Gefühle-Pantomime – Feelings Charades • E-mail schreiben • Interview • Reading Comprehension
September	21	Mid-Term Examination/Periodic Test-II	<ul style="list-style-type: none"> • Examination/Revision 	20+1	<ul style="list-style-type: none"> • Gefühlstagebuch – Feelings Diary Entry (Writing) • Interview • Writing SMS •
TERM-II					
October	13		<ul style="list-style-type: none"> • Lesson 4 Hamburg: A city tour • To give a suggestion • To give chronological sequence of events • To talk about activities happening simultaneously • End of topic test 	12+1	<ul style="list-style-type: none"> • Stadtführer spielen – Be a City Guide • E-mail schreiben • Interview • Reading Comprehension
November	23		<ul style="list-style-type: none"> • Lesson 4 Hamburg: A city tour (cont...) • Subjunctive II: "sollen" • Subordinate clauses of time • "während" • "bevor" • Lesson 5 Relationships and conflicts • To give reasons • To express likes and dislikes To lay down restrictions • End of topic test 	23+1	<ul style="list-style-type: none"> • Hamburg-Rätselreise – Hamburg Puzzle Tour Quiz • Rollenspiel: Konflikt lösen – Role Play: Solving Conflicts • Interview • E-mail schreiben • Reading Comprehension
December	22	Periodic Test-III	<ul style="list-style-type: none"> • Lesson 5 Relationships and conflicts (cont...) • Causal preposition "wegen" + Genitive • Double barrel conjunction: "zwar...aber" • Relative clause: relative pronouns in Nominative, Accusative and Dative • End of topic test • Revision 	21+1	<ul style="list-style-type: none"> • Meinungsecke – Opinion Corners: Agree or Disagree? • Interview • E-mail schreiben • Reading Comprehension
January	22		<ul style="list-style-type: none"> • Revision 		
February	22	Term End Examination	<ul style="list-style-type: none"> • Revision 		
March	20		<ul style="list-style-type: none"> • Revision 		

Subject: Introduction to Financial Markets (405)
Prescribed Book: - 1. Introduction to Financial Markets (CBSE Skill Education)

Months	No. of Working Days	Name of the Examination (As per School Policy Framed)	Chapters/Units	Tentative No. of Periods Required	Subject Enrichment Activities (SEA)
TERM-I					
April	23		<ul style="list-style-type: none"> Part-A UNIT 1: COMMUNICATION SKILLS – I Methods of communication - Verbal - Non-verbal - Visual Meaning of communication Importance of communication skills Elements of communication cycle- - sender, - ideas, - encoding, - communication channel, - receiver, - decoding, and - feedback Perspectives in communication Factors affecting perspectives in communication - Visual perception - Language - Past experience - Prejudices - Feelings - Environment Writing skills related to the following: <ul style="list-style-type: none"> Phrases - Kinds of sentences - Parts of sentence Parts of speech - Use of articles - Construction of a paragraph UNIT 2: SELF-MANAGEMENT SKILLS – I Meaning of self-management Positive results of self-management Self-management skills 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. UNIT 3: ICT SKILLS – I Introduction to ICT Role and importance of ICT in personal life and at workplace ICT in our daily life (examples) ICT tools - Mobile, tab, radio, TV, email, etc. Computer system - Central Processing Unit (CPU), memory, motherboard, storage devices Hardware and software of a computer system Role and functions of Random Access Memory 	9 (3+3+3)	<ul style="list-style-type: none"> Writing pros and cons of written, verbal and non-verbal communication Listing do's and don'ts for avoiding common body language mistakes Draw a diagram of communication cycle Role plays on communication process related to the sector/job role Group discussion on factors affecting perspectives in communication Sharing of experiences on factors affecting perspectives Sharing experiences on factors affecting communication at workplace Demonstration and practice of writing sentences and paragraphs on topics related to the subject Identification of self-management skills Strength and weakness analysis Role play exercises on building self-confidence Use of positive metaphors/ words Positive stroking on wakeup and before going bed Helping others and working for community Discussion on the role and importance of ICT in personal life and at workplace. Preparing posters / collages for showing the role of ICT at workplace Connecting the cables and peripherals to the Central Processing Unit Starting and shutting down a computer Group discussion on the various aspects of hardware and software

			<ul style="list-style-type: none"> (RAM) and Read Only Memory (ROM) Role and functions of Central Processing Unit Procedure for starting and shutting down a computer End of topic test 		
May	12		<ul style="list-style-type: none"> UNIT 3: ICT SKILLS – I(cont.) 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. PART - B Unit 1: Money – What it is? End of topic test 	6	<ul style="list-style-type: none"> Identification of various parts and peripherals of a computer Demonstration and practice on the use of mouse Demonstration and practice on the use of keyboard Demonstration of the uses of printers, webcams, scanner and other peripheral devices Drawing diagram of computer system and labelling it. Identification of the various input and output units and explanation of their purpose Interactive lecture: Introduction and Basics of currency Collect the pictures of coins of different countries
June	13	Periodic Test-I	<ul style="list-style-type: none"> Unit 1: Money – What it is ? Unit 2: Money Exchange Systems Unit 3: Key Characteristics of Money End of topic test 	3+3	<ul style="list-style-type: none"> Interactive lecture: Introduction and Basics of currency Collect the pictures of coins of different countries Role play – Barter System Draw pictures of different symbols of money Show different currency as a medium of exchange Role play - Buy/Sell few things to your class
July	25		<ul style="list-style-type: none"> Unit 4: What is Financial Planning End of topic test 	12(3+3+3+3)	<ul style="list-style-type: none"> Interactive lecture: Values and it's importance in life
August	23		<ul style="list-style-type: none"> Unit 5: What is income Unit 6: What is Expenses End of topic test 	9 (4+5)	<ul style="list-style-type: none"> Make a list of sources from where you get money (like Gifts, Pocket Money etc.) List the daily expenses for a week of yourself. List your variable expenses.
September	21	Mid-Term Examination/Periodic Test-II	<ul style="list-style-type: none"> Mid Term 8th September to 23rd September End of topic test 		<ul style="list-style-type: none"> -
TERM-II					
October	13		<ul style="list-style-type: none"> UNIT 4: ENTREPRENEURIAL SKILLS- I Types of businesses – service, manufacturing, hybrid Types of businesses found in our community Business activities around us Meaning of entrepreneurship development Distinguishing characteristics of 	6	<ul style="list-style-type: none"> Prepare posters of business activities found in cities/villages, using pictures Discuss the various types of activities, generally adopted by small businesses in a local community Best out of waste Costing of the product made out of waste Selling of items made from waste materials

			<ul style="list-style-type: none"> entrepreneurship Role and rewards of entrepreneurship End of topic test 		<ul style="list-style-type: none"> Prepare list of businesses that provides goods and services in exchange for money Prepare charts showing advantages of entrepreneurship over wages Group discussions on role and features of entrepreneurship Lectures/presentations by entrepreneurs on their experiences and success stories Identify core skills of successful entrepreneur
November	23		<ul style="list-style-type: none"> UNIT 5: GREEN SKILLS – I 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 End of topic test 	9 (4+5)	<ul style="list-style-type: none"> Group discussion on hazards of deteriorating environment Prepare posters showing environment conservation Discussion on various factors that influence our environment Discussion on the benefits of green skills and importance of green economy Prepare a Poster showing the importance of green economy with the help of newspaper/ magazine cuttings
December	22	Periodic Test-III	<ul style="list-style-type: none"> Unit 7: What is Bank Unit 8: Why Save Unit 9: Setting Goals End of topic test 	9	<ul style="list-style-type: none"> Visit to ATM and learn its functions. Identify the benefits of Savings. Practice through Scientific Calculator illustrations on simple Interest, compound Interest and rule of 72 Interpretation on the basis of Ratio Analysis Do Sums and Analysis Find real examples of Time Value of money Make a poster on SMART goals
January	22		<ul style="list-style-type: none"> Unit 10: Systematic Saving and investments Unit 11: Making a Budget End of topic test 	9	<ul style="list-style-type: none"> Your friend Mr. Ajay wishes to throw a party for his friends on his Birthday which falls six months later . He has saved Rs 500 from his pocket money every month, so that he can celebrate his birthday with Rs 3000. Plan a budget for him to throw a party. Discuss that how expenses overcome and mismanage the budget.
February	22	Term End Examination	<ul style="list-style-type: none"> Revision 		
March	20		<ul style="list-style-type: none"> Term-End Examination 		

Subject: Information Technology (402)
Prescribed Book: - 1. Touchpad Information Technology- IX (Code 402) Skill Education

Months	No. of Working Days	Name of the Examination (As per School Policy Framed)	Chapters/Units	Tentative No. of Periods Required	Subject Enrichment Activities (SEA)
TERM-I					
April	23		PART-A UNIT 1: COMMUNICATION SKILLS - I <ul style="list-style-type: none"> • Methods of communication - Verbal - Non-verbal - Visual • Meaning of communication • Importance of communication skills • Elements of communication cycle- - sender, - ideas, - encoding, - communication channel, - receiver, - decoding, and - feedback • Perspectives in communication • Factors affecting perspectives in communication - Visual perception - Language - Past experience - Prejudices - Feelings - Environment • Writing skills related to the following: <ul style="list-style-type: none"> - Phrases - Kinds of sentences - Parts of sentence - Parts of speech - Use of articles - Construction of a paragraph UNIT 2: SELF-MANAGEMENT SKILLS - I <ul style="list-style-type: none"> • Meaning of self-management • Positive results of self-management • Self-management skills • 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. UNIT 3: ICT SKILLS - I <ul style="list-style-type: none"> • Introduction to ICT • Role and importance of ICT in personal life and at workplace • ICT in our daily life (examples) • ICT tools - Mobile, tab, radio, TV, email, etc. • Computer system - Central Processing Unit (CPU), memory, motherboard, storage devices • Hardware and software of a computer system • Role and functions of Random Access Memory 	9 (3+3+3)	<ul style="list-style-type: none"> • Writing pros and cons of written, verbal and non-verbal communication • Listing do's and don'ts for avoiding common body language mistakes • Draw a diagram of communication cycle • Role plays on communication process related to the sector/job role • Group discussion on factors affecting perspectives in communication • Sharing of experiences on factors affecting perspectives • Sharing experiences on factors affecting communication at workplace • Demonstration and practice of writing sentences and paragraphs on topics related to the subject • Identification of self-management skills • Strength and weakness analysis • Role play exercises on building self-confidence • Use of positive metaphors/ words • Positive stroking on wakeup and before going bed • Helping others and working for community • Discussion on the role and importance of ICT in personal life and at workplace. • Preparing posters / collages for showing the role of ICT at workplace • Connecting the cables and peripherals to the Central Processing Unit • Starting and shutting down a computer • Group discussion on the various aspects of hardware and software

			(RAM) and Read Only Memory (ROM) • Role and functions of Central Processing Unit • Procedure for starting and shutting down a computer • End of topic test		
May	12		UNIT 3: ICT SKILLS – I(cont.) • 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. PART-B UNIT 1: INTRODUCTION TO IT-ITeS INDUSTRY • Introduction to IT and ITeS Industry, 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 • End of topic test	6(2+4)	• Identification of various parts and peripherals of a computer • Demonstration and practice on the use of mouse • Demonstration and practice on the use of keyboard • Demonstration of the uses of printers, webcams, scanner and other peripheral devices • Drawing diagram of computer system and labelling it. • Identification of the various input and output units and explanation of their purposes • Identify and list the various IT enabled services, Observe the application of IT in various areas.
June	13	Periodic Test-I	UNIT 2: DATA ENTRY AND KEYBOARDING SKILLS • 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. • End of topic test	3	• Identify the keys and its use on the keyboard, • Demonstrate to use various keys on the keyboard, • Demonstrate to type the text, numbers, special character using appropriate keys on the keyboard, Practice the correct typing ergonomics, • Practice to place fingers on correct key in four different row of keyboard, • Practice various mouse operations.
July	25		UNIT 2: DATA ENTRY AND KEYBOARDING SKILLS (Cont..) • Introduction to Rapid Typing Tutor, • Touch typing technique, • User interface of Typing Tutor, • Typing text and interpret results, Working with lesson editor,	12(3+9)	• 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. • List the available word processing applications.

		<ul style="list-style-type: none"> Calculating typing speed, Typing rhythm. UNIT 3: DIGITAL DOCUMENTATION <ul style="list-style-type: none"> Introduction to word processing, Word processing applications, Introduction to Word Processing tool Creating a document, Parts of a Word Processor Window, 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. Page style dialog Formatting text – Removing manual formatting, Common text formatting, Changing text case, Superscript and Subscript Formatting paragraph – Indenting paragraphs, Aligning paragraphs, Font colour, highlighting, and background colour, Using bullets and numbering, Assigning colour, border and background to paragraph 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. 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. Printing options in Word Processor. Print preview, 	<ul style="list-style-type: none"> Introduce with the parts of the main window. Change document views. Start a new document. Open an existing document. Save a document. Close a document. Editing of text in a document Demonstrate to use undo and redo option, Use the keyboard and mouse options to select, cut, copy, paste, and move text. Demonstrate to select nonconsecutive text items, vertical block of text, Search and replace text in a document. Jump to the given page number in a document, Insert non-printing characters in a document, Apply Spelling and grammar option of document. Demonstrate to use Synonyms and Thesaurus. 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 Demonstrate to assign colour, border and background to paragraph Demonstrate the page formatting – set up basic page layout using styles, Insert page break, Create header/footer and page numbers Define borders and backgrounds Insert images, shapes, special characters in a document Divide page into columns, Format the shape or image. 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 the document, selected pages in the document Print the document with various options, Preview pages before printing. Demonstrate to print the letters using mail merge, Do the following to achieve Create a main document, Create the data source, Enter data in the fields, Merge the data source with main document, Edit individual document, Print the merged letter, Save the merged letter.
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			<ul style="list-style-type: none"> Controlling printing, Printing all pages, single and multiple pages. Introduction to mail merge Concept of data source for mail merge. End of topic test 		
August	23		UNIT 4: ELECTRONIC SPREADSHEET <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. 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, Commonly used basic functions in a spreadsheet – SUM, AVERAGE, MAX, MIN, Count Use of functions to do calculations. 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. End of topic test 	12	<ul style="list-style-type: none"> 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 Demonstrate to enter the text, numeric data in a cell, Identify the label, values and formula in the cell, Demonstrate to enter formula in a cell, Construct the formula using mathematical operators, Identify formulae with cell addresses and operators, Identify the correct syntax of formula, Use the basic functions to perform calculations on data. Identify the formatting tool, Demonstrate to use of dialog boxes to format values, Demonstrate to format range of cells with decimal places, Demonstrate to format a range of cells to labels, Demonstrate to format of a cell range as scientific, Demonstrate to format a range of cells to display time, Demonstrate to align cell data range, Demonstrate to create number series using fill handle, Copy formula by dragging the formula using fill handle.
September	21	Mid-Term Examination/Periodic Test-II	UNIT 4: ENTREPRENEURIAL SKILLS-I <ul style="list-style-type: none"> Types of businesses – service, manufacturing, hybrid Types of businesses found in our community Business activities around us Meaning of entrepreneurship development Distinguishing characteristics of entrepreneurship Role and rewards of entrepreneurship End of topic test 	6	<ul style="list-style-type: none"> Prepare posters of business activities found in cities/villages, using pictures Discuss the various types of activities, generally adopted by small businesses in a local community Best out of waste Costing of the product made out of waste Selling of items made from waste materials Prepare list of businesses that provides goods and services in exchange for money Prepare charts showing advantages of entrepreneurship over wages

					<ul style="list-style-type: none"> Group discussions on role and features of entrepreneurship Lectures/presentations by entrepreneurs on their experiences and success stories Identify core skills of successful entrepreneur
TERM-II					
October	13		UNIT 5: GREEN SKILLS - I <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 UNIT 4: ELECTRONIC SPREADSHEET (Cont..) <ul style="list-style-type: none"> Concept of referencing, Relative referencing, Mixed referencing, Absolute referencing, Importance of chart in spreadsheet Types of chart End of topic test 	6	<ul style="list-style-type: none"> Group discussion on hazards of deteriorating environment Prepare posters showing environment conservation Discussion on various factors that influence our environment Discussion on the benefits of green skills and importance of green economy Prepare a Poster showing the importance of green economy with the help of newspaper/ magazine cuttings Demonstrate to use Relative referencing in spreadsheet, Demonstrate to use Mixed referencing in spreadsheet, Demonstrate to use Absolute referencing in spreadsheet. Create different types of charts supported by a spreadsheet, Illustrate the example of chart in a spreadsheet.
November	23		UNIT 5: DIGITAL PRESENTATION <ul style="list-style-type: none"> Concept of presentation, Elements of presentation, Characteristics of an effective presentation 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, Running a slide show, Save a presentation in PDF, Closing a presentation, Using Help. 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, 	8	<ul style="list-style-type: none"> Identify and list the elements of presentation, List the characteristics of an effective presentation. Start the presentation application Various components of main Impress window Observe the different workspace views. Create a new presentation using wizard. Run the presentation, Save the presentation, Close the presentation, Demonstrate to use Help in presentation. Demonstrate to insert a new slide and 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.

			<ul style="list-style-type: none"> Controlling the size of the view, Workspace views – Normal, Outline, Notes, Slide sorter view. End of topic test 		
December	22	Periodic Test-III	<ul style="list-style-type: none"> Formatting toolbar, Various formatting features, Text alignment, Bullets and numbering. Custom Animation Inserting tables in presentation, Entering and editing data in a table, Selecting a cell, row, column, table, Adjusting column width and row height, Table borders and background 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 Slide masters, Creating the slide masters, Applying the slide masters to all slide, Adding transitions End of topic test 	9	<ul style="list-style-type: none"> 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: Insert table in presentation, Enter and edit data in a table, Select a cell, row, column, table, Adjust column width and row height, Assign table borders and background. 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.
January	22		<ul style="list-style-type: none"> Revision 		
February	22	Term End Examination			
March	20				

Subject: Artificial Intelligence (417)

Prescribed Book: -

1. Understanding Artificial Intelligence with Coding in Python (APC Books)
2. Practical Book of Artificial Intelligence with AI Project- IX (APC Books)

Months	No. of Working Days	Name of the Examination (As per School Policy Framed)	Chapters/Units	Tentative No. of Periods Required	Subject Enrichment Activities (SEA)
TERM-I					
April	23		<ul style="list-style-type: none"> Part-A UNIT 1: COMMUNICATION SKILLS – I Methods, elements & perspectives Basic English writing Skills Part-A 	9 (3+3+3)	<ul style="list-style-type: none"> Writing pros and cons of written, verbal and non-verbal communication Listing do's and don'ts for avoiding common body language mistakes Draw a diagram of communication cycle Role plays on communication process related to the sector/job role Group discussion on factors affecting perspectives in communication Sharing of experiences on factors affecting perspectives Sharing experiences on factors affecting communication at workplace

			<ul style="list-style-type: none"> UNIT 2: SELF-MANAGEMENT SKILLS – I Part-B SUBJECT SPECIFIC SKILLS UNIT 1: AI Reflection, Project Cycle and Ethics End of topic test 		<ul style="list-style-type: none"> Demonstration and practice of writing sentences and paragraphs on topics related to the subject Identification of self-management skills Strength and weakness analysis Role play exercises on building self-confidence Use of positive metaphors/ words Positive stroking on wakeup and before going bed Helping others and working for community Session: introduction to AI and setting up the context of the curriculum Recommended Activity: Make a statement about lighting and LUIS will interpret and adjust the house accordingly https://aidemos.microsoft.com/luis/demo Recommended Activity: The AI Game Learners to participate in three games based on different AI domains. Game 1: Rock, Paper and Scissors (based on data) https:// rockpaperscissors.ai/ Game 2: Semantris (based on Natural Language Processing-N) https://research.google.com/semantris/ Game 3: Quick Draw (based on Computer Vision-CV) https://quickdraw.withgoogle.com/
May	12		<ul style="list-style-type: none"> Part-B SUBJECT SPECIFIC SKILLS UNIT 1: AI Reflection, Project Cycle and Ethics(Cont.) End of topic test 	6	<ul style="list-style-type: none"> Session: Introduction to AI Project Cycle Session: Problem Scoping Activity: Brainstorm around the theme provided and set a go for the AI project. Discuss various topics within the given theme and select one. Fill in the 4Ws problem canvas and a problem statement to more about the problem identified in the community/society. List down/ Draw a mind map of problems related to the sein topic and choose one problem to be the goal for the project. Activity: To set actions around the goal. List down the stakeholders involved in the problem. Search on the current actions taken to solve this problem. Think around the ethics involved in the goal of your project. Activity: Data and Analysis Presentation: Presenting the goal, actions and data. Teamwork Activity: Brainstorming solutions for the problem statement. Session: Data Acquisition Activity: Introduction to data and its types. Students work around the scenarios given to them and think of ways to acquire data. Activity: Data Features Identifying the possible data features affecting the problem. Activity: System Maps Creating system maps considering data features identified. Session: Data Exploration/Data Visualisation Need of visualising data Ways to visualise data using various types of graphical tools. Quiz Time Recommended Activity: Let's use Graphical Tools Selecting an appropriate graphical format and presenting the graph sketched. Understanding graphs using (https://datavizcatalogue.com/) Listing of newly learnt data visualisation techniques. Top 10 Song Prediction: Identify the data features, collect the data and convert into graphical representation. Collect and store data in a spreadsheet and create some graphical representations to understand the data effectively.
June	13	Periodic Test-I	<ul style="list-style-type: none"> Part-B 	3+3	<ul style="list-style-type: none"> Session: Modelling

			<ul style="list-style-type: none"> • SUBJECT SPECIFIC SKILLS • UNIT 1: AI Reflection, Project Cycle and Ethics(Cont.) • End of topic test 		<ul style="list-style-type: none"> • Introduction to modelling and types of models (Rule-based & Learning-based) • Session: Evaluation Learners will understand about new terms • Challenge students to think about how they can apply their knowledge of deployment in future AI projects and encourage them to continue exploring different deployment methods. • True Positive • False Positive • True Negative • False Negative • Session: Deployment Recommended • Case Study: Preventable Blindness. • Activity: Implementation of AI project cycle to develop an AI Model for Personalised Education. • Session: Ethics. • Video Session: Discussing about AI Ethics Recommended • Activity: Ethics Awareness • Students play the role of major stakeholders and they have to decide what is ethical and what is not for a given scenario. • Students to explore Moral Machine https://www.moralmachine.net/ to understand more about the impact of ethical concerns • Session: AI Bias and AI Access • Discussing about the possible bias in data collection • Discussing about the implications of AI technology • Recommended Activity: Balloon Debate • Students divide in teams of 3 and 2 teams are given same theme. One team goes in affirmation to AI for their section while the other one goes against it. • They have to come up with their points as to why AI is beneficial/ harmful for the society.
July	25		<ul style="list-style-type: none"> • Part-B • UNIT 2: Data Literacy • Part-B • UNIT 3: Math for AI(Statistics & Probability) • End of topic test 	12(3+3+3+3)	<ul style="list-style-type: none"> • Session: Basics of data literacy • Introduction to Data Literacy • Impact of data Literacy • How to become Data Literate? • Recommended Activity: • Impact of News Articles Reference Videos: • https://www.youtube.com/watch?v=yho_t-c3yJY • https://www.youtube.com/watch?v=aO85HyFbKI • https://www.cbse.gov.in/cbsenew/documents/Cyber%20Safety.pdf • Session: Acquiring Data, Processing and Interpreting Data • Types of data • Recommended Activities: • Trend analysis • Visualise and Interpret Data • Session: Project Interactive Data Dashboard & Presentation • Data visualisation Using Tableau • Reference Links • https://public.tableau.com/enus/s/download • https://www.datawrapper.de/ • Video Links: • https://www.youtube.com/watch?v=NLCzpPRCc7u • https://www.youtube.com/watch?v=8BnosAD78 • Session/Activity/Practical • Session: Importance of Math for AI • Finding Patterns in Numbers and images. • Uses of Math • Session: • Definition of Statistics • Applications • Disaster Management

					<ul style="list-style-type: none"> • Sports • Diseases Prediction • Weather Forecast • Activity: Uses of Statistics in daily life • and the concept of ity in real life and various types of • Students will explore the applications of statistics in real life. They collect data and can apply various statistical measures to analyse the data. • Activity: Car Spotting and Tabulating • Purpose: To implement the concept of data collection, analysis and interpretation. • Activity Introduction: • In this activity, Students will be engaged in data collection and tabulation. • Data collection plays a key role in Artificial Intelligence as it forms the basis of statistics and interpretation by AI. • This activity will also require students to answer a set of questions based on the recorded data. • Session: Introduction to Probability • Exercise: Identify the type of event. • Session: Applications of Probability • Exercise: Revision time
August	23		<ul style="list-style-type: none"> • UNIT 4: Introduction to Generative AI • Part-A • UNIT 3: ICT SKILLS - I • Understanding ICT and Computer System • Peripheral devices • Internet and networking • End of topic test 	9 (4+5)	<ul style="list-style-type: none"> • Recommended Activity: • Activity: Guess the Real Image vs. the AI-generated image • Session: • Introduction to Generative AI • Generative AI vs Conventional AI • Session: • Types of Generative AI • Examples of Generative AI • Session: • Benefits of using Generative AI • Limitations of using Generative AI • Recommended Activities: • Hands-on Activity: GAN Paint • Generative AI tools • Session: • Ethical considerations of using Generative AI • Discussion on the role and importance of ICT in personal life and at workplace. • Preparing posters / collages for showing the role of ICT at workplace • Connecting the cables and peripherals to the Central Processing Unit • Starting and shutting down a computer • Group discussion on the various aspects of hardware and software • Identification of various parts and peripherals of a computer • Demonstration and practice on the use of mouse • Demonstration and practice on the use of keyboard • Demonstration of the uses of printers, webcams, scanner and other peripheral devices • Drawing diagram of computer system and labelling it. • Identification of the various input and output units and explanation of their purposes. • Identify and list the various IT enabled services, Observe the application of IT in various areas
September	21	Mid-Term Examination/Periodic Test-II	<ul style="list-style-type: none"> • Revision 		<ul style="list-style-type: none"> •
TERM-II					
October	13		<ul style="list-style-type: none"> • Group A • UNIT 4: ENTREPRENEURIAL SKILLS- I 	6	<ul style="list-style-type: none"> • Best out of waste • Costing of the product made out of waste • Selling of items made from waste materials

			<ul style="list-style-type: none"> • End of topic test 		<ul style="list-style-type: none"> • Prepare list of businesses that provides goods and services in exchange for money • Prepare charts showing advantages of entrepreneurship over wages • Group discussions on role and features of entrepreneurship • Lectures/presentations by entrepreneurs on their experiences and success stories • Identify core skills of successful entrepreneur
November	23		<ul style="list-style-type: none"> • Group A • UNIT 5: GREEN SKILLS - I • Group B • UNIT 5: Introduction to Python • End of topic test 	9 (4+5)	<ul style="list-style-type: none"> • Group discussion on hazards of deteriorating environment • Prepare posters showing environment conservation • Discussion on various factors that influence our environment • Discussion on the benefits of green skills and importance of green economy • Prepare a Poster showing the importance of green economy with the help of newspaper/magazine cuttings • Recommended Activity: • Introduction to programming using Online Gaming portals like Code Combat. • Session: • Introduction to Python language • Introducing Python programming and its applications • Theory + Practical: Python Basics • Students go through lessons on Python Basics (Variables, Arithmetic Operators, Expressions, Comparison operators, Logical operators, Assignment operators, Data Types integer, float, strings, using print() and input() functions) • Students will try some simple problem solving exercises on Python Compiler.
December	22	Periodic Test-III	<ul style="list-style-type: none"> • UNIT 5: Introduction to Python(Cont.) • End of topic test 	9	<ul style="list-style-type: none"> • Practical: Flow of control and conditions • Students go through lessons on conditional and iterative statements (if, for and while) • Students will try some basic problem-solving exercises using conditional and iterative statements on Python Compiler • Practical: Python Lists • Students go through lessons on Python Lists (Simple operations using list) • Students will try some basic problem solving exercises using lists on Python Compiler.
January	22		<ul style="list-style-type: none"> • Revision 	9	•
February	22	Term End Examination	<ul style="list-style-type: none"> • Revision 		•
March	20	Term End Examination			

Subject: Physical Activity Trainer (418)

Prescribed Book: - 1. Physical Activity Trainer (CBSE Skill Education)

Months	No. of Working Days	Name of the Examination (As per School Policy Framed)	Chapters/Units	Tentative No. of Periods Required	Subject Enrichment Activities (SEA)
TERM-I					
April	23		<ul style="list-style-type: none"> • Unit 1: Communication Skills • Introduction to Communication • Verbal Communication • Non-Verbal Communication • Writing Skills: Parts of Speech • Writing Skills: Sentences • Pronunciation Basics • Greetings and Introduction • Talking about Self 	4	<ul style="list-style-type: none"> • Demonstrate knowledge of various method of communication

			<ul style="list-style-type: none"> UNIT-1: ROLE OF PHYSICAL EDUCATION IN CHILD DEVELOPMENT 2. Physical and emotional needs of the children 3. Factors influencing physical activities 4. Plan physical activities 5. Conduct physical activities End of topic test 	4	
May	12		<ul style="list-style-type: none"> Unit 2:Self-Management Skills Introduction to Self-management Strength and Weakness Analysis Self-confidence End of topic test 	4	<ul style="list-style-type: none"> Draw a diagram of communication cycle Role plays on communication process related t the sector/job row.
June	13	Periodic Test-I	<ul style="list-style-type: none"> Positive Thinking Personal Hygiene Grooming End of topic test 	5	<ul style="list-style-type: none"> Group discussion on factors affecting perspectives in communication Sharing of experience on factors affecting perspectives Sharing experience on factors affecting communication at workplace.
July	25		<ul style="list-style-type: none"> Unit 3: Information and Communication Technology Skills Introduction to ICT ICT Tools: Smartphones and Tablets ICT Tools: Smartphones and Tablets Parts of Computer and Peripherals Basic Computer Operations Performing Basic File Operations Communication and Networking – Basics of Internet UNIT 2: PLANNING AGE APPROPRIATE PHYSICAL ACTIVITIES Activities for increasing physical strength and coordination Plan physical activities for developing cognitive skills Manage class End of topic test 	7 6	<ul style="list-style-type: none"> Demonstration and practices of writing sentences and paragraph on topics related to the subject.
August	23		<ul style="list-style-type: none"> Communication and Networking – Internet Browsing Communication and Networking – Introduction to e-mail Communication and Networking Creating an e-mail Account Communication and Networking – Writing 	7	<ul style="list-style-type: none"> Identification of self-management skills Strength and weakness analysis

			<ul style="list-style-type: none"> an e-mail Communication and Networking Receiving and Replying to e-mails UNIT 3: ORGANIZING AGE APPROPRIATE PHYSICAL ACTIVITIES Games for everyday activities Activities to develop strength and balance End of topic test 	5	
September	21	Mid-Term Examination/Periodic Test-II	<ul style="list-style-type: none"> Revision Class Tests (Entire syllabus of Mid-Term Exam) End of topic test 	5 5	
October	13		<ul style="list-style-type: none"> Unit 4: Entrepreneurship Skills What is Entrepreneurship? Role of Entrepreneurship Qualities of a Successful Entrepreneur Distinguishing Characteristics of Entrepreneurship and Wage Employment End of topic test 	4	<ul style="list-style-type: none"> 1.Role play exercises on building self-confidence.
TERM-II					
November	23		<ul style="list-style-type: none"> Types of Business Activities Product, Service and Hybrid Businesses Entrepreneurship Development Process Activities to develop cognitive skills Activities to develop endurance and flexibility Organize sport activities End of topic test 	6 6	<ul style="list-style-type: none"> Use of positive metaphors/words Positive stroking on wake-up and before going bed Helping others and working for community
December	22	Periodic Test-III	<ul style="list-style-type: none"> Unit 5: Green Skills Society and Environment Conserving Natural Resources Sustainable Development and Green Economy End of topic test 	12	<ul style="list-style-type: none"> Use of positive metaphors/words Positive stroking on wake-up and before going bed Helping others and working for community
January	22		<ul style="list-style-type: none"> UNIT 4: CHILDREN HEALTH AND SAFETY Child health care and habits Various aspects of safety management and emergency response End of topic test 	5	
February	22	Term End Examination	<ul style="list-style-type: none"> Revision Class Tests (Entire syllabus of Term-End Exam) 	7 5	
March	20				

Subject : Physical Education

Months	No. of Working Days	Name of the Examination (As per School Policy Framed)	Chapters/Unit (Entire Book to be covered)	Tentative No. of Periods Required	Activities Proposed
TERM-I					
April	23		<ul style="list-style-type: none"> • <u>General Fitness</u> Warming up (general & specific) & free hand exercises. Basic & advanced skills. Rules and regulations. Techniques, Tactics and strategies. • <u>Swimming, Kho-Kho & Kabaddi:</u> Basic concept and practice of games. Inter house Kho-Kho competition. Free hand exercises. • <u>Basketball:</u> Fundamental Skills: Basic concepts of basketball (match and rules), Playing regulations, Violations, Fouls, Player Stance 	23	<ul style="list-style-type: none"> • Game related match practice • Rules explanation sessions
May	12		<ul style="list-style-type: none"> • <u>General Fitness</u> Warming up (general & specific) & free hand exercises. Basic & advanced skills. Rules and regulations. Techniques, Tactics and strategies. • <u>Swimming, Kho-Kho & Kabaddi:</u> Basic concept and practice of games. Inter house Basketball, Swimming & Kabaddi competition. Free hand exercises. • <u>Basketball:</u> Fundamental Skills: Basic concept of basketball (match and rules), Playing regulations, Violations, Fouls, Player Stance 	12	<ul style="list-style-type: none"> • Game related match practice • Rules explanation sessions

June	13	Periodic Test-I	<ul style="list-style-type: none"> • <u>General Fitness</u> Warming up (general & specific) & free hand exercises. Basic & advanced skills. Rules and regulations. Techniques, Tactics and strategies. • <u>Swimming & Football:</u> Basic concept and practice of games. Inter house Football competition. Free hand exercise. • <u>Basketball:</u> Passing and Receiving (Two-hand passing, Chest pass, Bounce pass). Overhead pass, One-hand passing 	07	<ul style="list-style-type: none"> • Game related match practice • Rules explanation sessions
July	25		<ul style="list-style-type: none"> • <u>General Fitness</u> Warming up (general & specific) & free hand exercises. Basic & advanced skills. Rules and regulations. Real match situation. • <u>Volleyball & Football:</u> Basic concept and practice of games. General fitness. Inter House Badminton & Taekwondo Competition . • <u>Basketball:</u> Dribbling (Control dribble/Low dribble, Speed dribble/High dribble, Front crossover dribble) 	25	<ul style="list-style-type: none"> • Game related match practice • Rules explanation sessions
August	23		<ul style="list-style-type: none"> • <u>General Fitness</u> Warming up (general & specific) & free hand exercises. Basic & advanced skills. Rules and regulations. Real match situation. • <u>Athletics, Football & Volleyball:</u> Basic concept and practice of games. General fitness. Basics concept and practice of running and Throwing events, Inter House Volleyball Competition. • <u>Basketball:</u> Dribbling (Control dribble/Low dribble, Speed dribble/High dribble, Front crossover dribble) 	23	<ul style="list-style-type: none"> • Game related match practice • Rules explanation sessions •
September	21	Mid-Term Examination/Periodic Test-II	<ul style="list-style-type: none"> • <u>General Fitness</u> Warming up (general & specific) & free hand exercises. Basic & advanced skills. Rules and regulations. Real match situation. • <u>Athletics & Volleyball:</u> Basic concept and practice of games. General 	21	<ul style="list-style-type: none"> • Game related match practice • Rules explanation sessions

			fitness. Basics concept and practice of running and Throwing events. Inter House Chess Competition • <u>Basketball:</u> Shooting (Layup shot: Overhead, Underhand, Jump shot)		
TERM-II					
October	13		• <u>General Fitness</u> Warming up (general & specific) & free hand exercises. Basic & advanced skills. Rules and regulations. Real match situation. • <u>Football:</u> Basic fundamental skills, Ball control, Receiving, dribbling, passing and shooting. • <u>Basketball</u> Shooting (Layup shot: Overhead, Underhand, Jump shot) • <u>Athletics</u> Jumping events.	19	• Game related match practice • Rules explanation sessions
November	23		• <u>General Fitness</u> Warming up (general & specific) & free hand exercises. Basic & advanced skills. Rules and regulations. Real match situation. • <u>Football:</u> Basic fundamental skills, Ball control, Receiving, dribbling, passing and shooting. • <u>Basketball</u> Rebounding (Offensive rebound, Defensive rebound), Individual Defense (On the ball, Off the ball) • <u>Athletics</u> Jumping events.	16	• Game related match practice • Rules explanation sessions
December	22	Periodic Test-III	• <u>General Fitness</u> Warming up (general & specific) & free hand exercises. Basic & advanced skills. Rules and regulations. Real match situation. • <u>Basketball:</u> Individual Defense (On the ball, Off the ball) • <u>Athletics:</u> Basic concept and practice of games. General fitness	23	• Game related match practice • Rules explanation sessions

			Relay Races and Baton exchange		
January	22		<ul style="list-style-type: none"> • <u>General Fitness</u> Warming up (general & specific) & free hand exercises. Basic & advanced skills. Rules and regulations. Real match situation. • <u>Basketball</u> Basketball match practice and drills: - Set play, Zone defense, man to man defense • <u>Athletics:</u> Long distance running event, Throwing events 	17	<ul style="list-style-type: none"> • Game related match practice • Rules explanation sessions
February	22	Term End Examination	<ul style="list-style-type: none"> • <u>General Fitness</u> Warming up (general & specific) & free hand exercises. Basic & advanced skills. Rules and regulations. Real match situation. Revision of the previous classes, match play. • <u>Basketball:</u> Basketball match practice and drills: - Set play, Zone defense, man to man defense 	21	<ul style="list-style-type: none"> • Game related match practice • Rules explanation sessions
March	20		• Preparation For The Term – End Examination		

Subject : Yoga

Months	No. of Working Days	Name of the Examination (As per School Policy Framed)	Chapters/Unit (Entire Book to be covered)	Tentative No. of Periods Required	Activities Proposed
TERM-I					
April	23		<ul style="list-style-type: none"> • Concept & Basis of yoga • Micro exercise : Eye & Neck • Asana : Ardha Padmasana, Vajrasana • Breathing : Natural & Deep • Mudra : Jnana Mudra 	15	•
May	12		<ul style="list-style-type: none"> • Micro Exercise : Neck, Shoulder & Waist • Surya Namaskar • Asana : Padmasana, Ardha Kurmasana • Breathing : Natural & Deep 	5	
June	13	Periodic Test-I	<ul style="list-style-type: none"> • Revision of Previous Practices, Hip-joint, Knee, Ankle. • Surya Namaskar • Asana : Vakrasana, Gomukhasana • Pranayama : Sheetal, Sheetkari 	7	• World Yoga Day.

July	25		<ul style="list-style-type: none"> • Yogic Jogging • Surya Namaskar • Asana : Tadasana ,Tiryaka tadasana • Pranayama: Sheetali, Sheetkari 	16	
August	23		<ul style="list-style-type: none"> • Surya Namaskar • Asana : Padmasana, utthit Padmasana • Pranayama : anuloma viloma, Sheetkari • Mudra: Jnana, Chin Mudra 	16	
September	21	Mid-Term Examination/Periodic Test-II	<ul style="list-style-type: none"> • Surya Namaskar • Asana :Garudasana ,ardha Chakrasana ,Padhastasana • Pranayama :Kapalbhati ,Bhramari 	6	
TERM-II					
October	13		<ul style="list-style-type: none"> • Surya Namaskar • Asana :Birbhadrasana ,Parswa konasana • Pranyama: Anuloma viloma ,Udgit • Jnana Mudra ,Yoga Mudra 	5	Inter House Yoga Competition
November	23		<ul style="list-style-type: none"> • Surya Namaskar • Asana :Brikshasana, Natrajasana • Pranayama : Anuloma Viloma, Bhramari • Mudra : Kaki mudra 	14	
December	22	Periodic Test-III	<ul style="list-style-type: none"> • Surya Namaskar • Asana : Vajrasana ,Ustrasana • Pranayama : Anuloma Viloma • Mudra : Nasikagra 	13	
January	22		<ul style="list-style-type: none"> • Surya Namaskar • Asana : Sarvangasana, Halasana • Pranayama : Anuloma Viloma, Bhramari • Mudra : Vayu Mudra 	8	
February	22	Term End Examination	<ul style="list-style-type: none"> • Revision Of all the Previous Practices 	10	
March	16				

Subject: Dance

Prescribed Book: NA

Months	No. of Working Days	Name of the Examination (As per School Policy Framed)	Chapters/Unit (Entire Book to be covered)	Tentative No. of Periods Required	Activities Proposed
TERM-I					
April	23		<ul style="list-style-type: none"> A brief history of Indian dance (Practical & Theory) 	04	<ul style="list-style-type: none"> Warm-Up Bhumi Pranama Hand Gesture Facial Expression
May	12		<ul style="list-style-type: none"> Basic foot and hand movements Kathak dance 	01	<ul style="list-style-type: none"> Warm-Up Previous Dance Practice New Semi-Classical dance (Bhajan) Holiday Project(Art Integration) Collect Data from text book or Internet : Reference from ancient text (vedic, puranic, epics and other scriptures). Evaluation of Kiathak dance in Pracheen Kal/Mandir Kal (Katha vachak and Rasdhar tradition, etc). Madhya Kal/Darbar kal, Adhunik Kal covering brisish and post independent era till the present time based.
June	13	Periodic Test-I	<ul style="list-style-type: none"> Practice of basic standing position and various patterens of Tatkar. 	02	<ul style="list-style-type: none"> Project Submission (HOLIDAY) Thekaa Aamad
July	25		<ul style="list-style-type: none"> Inroduction for verious part of Kathak dance 	04	<ul style="list-style-type: none"> Tatkaar Aamad Salaami Tukdaa Semi-Classical dance
August	23		<ul style="list-style-type: none"> Independence Group Dance Practice Krishna Janmastami Cellebration 	04	<ul style="list-style-type: none"> Song Selection Step Cration Group dance
September	21	Mid-Term Examination/Periodic Test-II	<ul style="list-style-type: none"> Cont.. Krishna Janmastami Shree Ganesh Chaturthi Distinctive aspects of Kathak (Using Ghungroos, Costume etc). 	04	<ul style="list-style-type: none"> Group dance Song selection Step Creation
TERM-II					
October	13		<ul style="list-style-type: none"> Navaraatri Cellebration / Devotional Dance 	2	<ul style="list-style-type: none"> Devi Stuti & Dandia dance
November	23		<ul style="list-style-type: none"> Theme based group dance 	4	<ul style="list-style-type: none"> Group dance practice for House function
December	22	Periodic Test-III	<ul style="list-style-type: none"> Introduce rajasthani Christmas Cellebration 	4	<ul style="list-style-type: none"> Theme based dance with carol
January	22		<ul style="list-style-type: none"> Republic day Celebration 	3	<ul style="list-style-type: none"> Patriotic theme based dance

February	22	Term End Examination	<ul style="list-style-type: none"> Group dance Test 	4	<ul style="list-style-type: none"> Theory & Practical Activity - Tatkaar, Tukda Folk dance
March	16		<ul style="list-style-type: none"> Revision 	2	

