JAGAT TARAN GOLDEN JUBILEE SCHOOL, PRAYAGRAJ

SYLLABUS BREAKUP MONTH-WISE (2025 – 2026)

CLASS – IX

SUBJECT – ENGLISH

S.N.	MONTH	READER	GRAMMAR	WRITING	ACTIVITY
1	April	1. The Fun they had 2. The Sound of Music 3. The Road not taken		Diary Entry	• Story Map on the story "The Fun they Had'
2	May	1. The Lost Child 2. The Adventures of Toto 3. Wind	1.Determiners 2.Verb forms		• A paragraph on 'Keeping a pet is Stressful or entertaining
3	July	1. The Little Girl 2. A Truly Beautiful Mind 3. Reach for the Top 4. Rain on the Roof	Modals	Story Writing	• Character Comparison- Kezia's Father with Mr. Macdonald/ Your Father/ anyone else like a father to you.
4	August	1. The Happy Prince 2. Ishwaran the Story Teller 3. The Lake Isle of Innisfree 4. Kathmandu	Reported Speech		• Compare and contrast Lake Isle of Innisfree with Kathmandu.
5	September	1. My Childhood 2. A House is not a home 3. A Legend of the Northland 4. No Men are Foreign	Subject Verb Concord	Descriptive Paragraph	• Descriptive paragraph on 'Influence of Family on a Child's Development'.
6	October	Revision + Exam			
7	November	1. The Last Leaf 2. If I were you 3. Beggar	Tenses	Revision	• Short biography of William Wordsworth
8	December	1. A Slumber did my Spirit Seal 2. On killing a tree	Revision	Revision	Role play Work in pairs prepare a dialogue between a student and sportsperson

MONTHS	CHAPTERS	ACTIVITY
APRIL	1. दो बैलों की कथा 2. साखी एवं सबद 3. उपसर्ग- प्रत्यय 4. संवाद लेखन	1.साखी गायन। 2.गाय और बैलों की दुर्दशा पर अनुच्छेद। 3.कबीर दास की प्रासंगिकता पर अनुच्छेद लेखन।
MAY	1. समास और उसके छह भेद 2. अलंकार(अनुप्रास, यमक और श्लेष) 3. लघु कथा लेखन	1.उदाहरण और परिभाषाएं कंठस्थ करें। 2.मुंशी प्रेमचंद की किन्ही पाँच रचनाओं के कवर पृष्ठ का संकलन कीजिए तथा उन रचनाओं के बारे में एक-एक अनुच्छेद लिखिए।
JULY	1. इस जल प्रलय में (कृतिका भाग 1) 2. वाख 3. सूचना/ई-मेल/लेखन 4. अपठित गद्यांश एवं पद्यांश	1.व्याकरण पुस्तक में दिए गए अपठित गद्यांश एवं पद्यांश पर आधारित प्रश्नोत्तर हल करें।
AUGUST	1. ल्हासा की ओर 2. उपभोक्तावाद की संस्कृति 3. कैदी और कोकिला 4. पत्र लेखन (औपचारिक तथा अनौपचारिक)	1.अंडमान जेल का सचित्र वर्णन/ पी पी टी।
SEPTEMBER	1. साँवले सपनों की याद 2. सवैया (रसखान) 3. संदेश लेखन	1.श्रीकृष्ण के जीवन पर आधारित किसी एक प्रसंग को कथा बनाकर सुनाए। 2.त्यौहारों पर आने वाले व्हाट्सऐप संदेशों को संकलित करें।

OCTOBER	1. अर्थ के आधार पर वाक्य के आठ भेद और उनके उदाहरण 2. मेरे संग की औरतें (कृतिका)	1.आदर्श प्रश्न पत्रों का अभ्यास
NOVEMBER	1. प्रेमचन्द के फटे जूते 2. ग्राम श्री 3. मेघ आए	1.अरुणाचल प्रदेश के कवियों द्वारा प्राकृति वर्णन संबंधी कविता लेखन
DECEMBER	1. मेरे बचपन के दिन 2. बच्चे काम पर जा रहे हैं 3. रीढं की हड्डी (कृतिका)	1.महादेवी वर्मा तथा सुभद्रा कुमारी चौहान के बीच हुई बातचीत को संवाद रूप में लिखिए। 2.बाल श्रम: कारण और निदान
JANUARY & FEBRUARY	1. क्षितिज पुस्तक के समस्त गद्य एवं पद्य पाठों की पुनरावृत्ति 2. कृतिका पुस्तक के पाठों की पुनरावृत्ति 3. अपठित गद्यांश/पद्यांश 4. पत्र 5. अनुच्छेद 6. लघु कथा 7. संदेश लेखन 8. संवाद 9. सूचना 10.वाक्य भेद 11.अलंकार 12.उपसर्ग/प्रत्यय/समास	A.S.L आदर्श प्रश्न पत्र

SUBJECT – MATHEMATICS

S. N.	MONTH	CHAPTER	ACTIVITY
1.	April	**Lesson 1. Number Systems** 1. Review of representation of natural numbers, integers, rational numbers on the number line. Representation of terminating/non-terminating recurring decimals on the number line through successive magnification, Rational numbers as recurring/ terminating decimals. Operations on real numbers. 2. Examples of non-recurring/nonterminating decimals. Existence of non-rational numbers (irrational numbers) such as $\sqrt{2}$, $\sqrt{3}$ and their representation on the number line. Explaining that every real number is represented by a unique point on the number line and conversely, viz. every point on the number line represents a unique real number. 3. Definition of nth root of a real number. 4. Rationalization (with precise meaning) of real numbers of the type $1\ a+b\sqrt{x}$ and $1\ \sqrt{x}+\sqrt{y}$ (and their combinations), where x and y are natural numbers and a and b are integers. 5. Recall of laws of exponents with integral powers. Rational exponents with positive real bases (to be done by particular cases, allowing learner to arrive at the general laws.)	Activity-1 To construct a square root spiral. Activity-2 To represent some irrational numbers on the number line.
2	May (till 18th May)	**Lesson 2. Polynomials** 1. Definition of a polynomial in one variable, with examples and counter examples. Coefficients of a polynomial, terms of a polynomial and zero polynomial. 2. Degree of a polynomial. 3. Constant, linear, quadratic and cubic polynomials. Monomials, binomials, trinomials. Factors and multiples. 4. Zeroes of a polynomial. 5. Motivate and State the Remainder Theorem with examples. 6. Statement and proof of the Factor Theorem. Factorization of $ax^2 + bx + c$, $a \neq 0$ where a, b and c are real numbers, and of cubic polynomials using the Factor theorem.	To verify the algebraic identity: $(a+b+c)^2 =$ $a^2+b^2+c^2+2ab+2bc+ 2ca$
		Summer Break from 18th May to 30th Jun	
3	July (Periodic Test 1 in July)	**Lesson 2. Polynomials (Remaining)** Recall of algebraic expressions and identities. Verification of identities: $(x + y + z)^2 = x^2 + y^2 + z^2 + 2xy + 2yz + 2zx$ $(x \pm y)^3 = x^3 \pm y^3 \pm 3xy(x \pm y)$; $x^3 + y^3 = (x + y)(x^2 - xy + y^2)$; $x^3 - y^3 = (x - y)(x^2 + xy + y^2)$;	To find the values of abscissa and ordinates of various points given in a Cartesian plane.

		$x^3 + y^3 + z^3 - 3xyz = (x + y + z)(x^2 + y^2 + z^2 - xy - yz - zx)$ and their use in factorization of polynomials. **Lesson 3. Coordinate Geometry** 1. The Cartesian plane, coordinates of a point. 2. Names and terms associated with the coordinate plane, notations. **Lesson 4. Linear equations in two variables** 1. Recall of linear equations in one variable. 2. 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. **Lesson 5. Introduction to Euclid's Geometry** 1. History - Geometry in India and Euclid's geometry. Euclid's method of formalizing observed phenomenon into rigorous Mathematics with definitions, common/obvious notions, axioms/postulates and theorems. 2. The five postulates of Euclid. Equivalent versions of the fifth postulate. Showing the relationship between axiom and theorem. For example : (a) Given two distinct points, there exists one and only one line through them. (Axiom) (b) (Prove) Two distinct lines cannot have more than one point in common. (Theorem)	
4	August	**Lesson 6. Lines and Angles** 1. (State without proof) If a ray stands on a line, then the sum of the two adjacent angles so formed is 180° and the converse. 2. (Prove) If two lines intersect, vertically opposite angles are equal. 3. (State without proof) Lines which are parallel to a given line are parallel. **Lesson 7. Triangles** 1. (State without proof) Two triangles are congruent if any two sides and the included angle of one triangle is equal (respectively) to any two sides and the included angle of the other triangle (SAS Congruence). 2. (Prove) Two triangles are congruent if any two angles and the included side of one triangle is equal (respectively) to any two	To verify Experimentally that if two lines intersect, then * The vertically opposite angles are equal. * The sum of two adjacent angles is 180^0. * The sum of all the four angles is 360^0. To verify experimentally the different criteria for congruency of triangles using triangle cut-outs.

		angles and the included side of the other triangle (ASA Congruence). 3. (State without proof) Two triangles are congruent if the three sides of one triangle are equal (respectively) to three sides of the other triangle (SSS Congruence). 4. (State without proof) 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). 5. (Prove) The angles opposite to equal sides of a triangle are equal. 6. (State without proof) The sides opposite to equal angles of a triangle are equal	To verify that the sum of the angles of a triangle is 180^0.
5	September	**Lesson 10. Heron's Formula** Area of a triangle using Heron's formula (without proof) **Lesson 11. Surface Areas and Volumes** Surface areas and volumes of spheres (including hemispheres) and right circular cones.	To find a formula for the curved surface area of a cone experimentally.
6	October (Half-yearly exam in October)	**Lesson 12. Statistics** 1. Bar graphs 2. Histograms (with varying base lengths) 3. Frequency polygons. (Revision of PT - 2)	To draw histograms for classes of equal widths and varying widths.
7	November	**Lesson 8. Quadrilaterals** 1. (Prove) The diagonal divides a parallelogram into two congruent triangles. 2. (State without proof) In a parallelogram opposite sides are equal, and conversely. 3. (State without proof) In a parallelogram opposite angles are equal, and conversely. 4. (State without proof) A quadrilateral is a parallelogram if a pair of its opposite sides is parallel and equal. 5. (State without proof) In a parallelogram, the diagonals bisect each other and conversely. 6. (State without proof) In a triangle, the line segment joining the mid points of any two sides is parallel to the third side and is half of it and (State without proof) its converse.	To find the formula for the area of a trapezium experimentally.

8	December (Periodic Test 3 in December)	**Lesson 9. Circle** 1. (Prove) Equal chords of a circle subtend equal angles at the center and (State without proof) its converse. 2. (State without proof) 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. 3. (State without proof) Equal chords of a circle (or of congruent circles) are equidistant from the center (or their respective centers) and conversely. 4. (Prove) The angle subtended by an arc at the center is double the angle subtended by it at any point on the remaining part of the circle. 5. (State without proof) Angles in the same segment of a circle are equal. 6. (State without proof) If a line segment joining two points subtends equal angle at two other points lying on the same side of the line containing the segment, the four points lie on a circle. 7. (State without proof) The sum of either of the pair of the opposite angles of a cyclic quadrilateral is 180° and its converse.	To verify that the angles in the same segment of a circle are equal.
9	January (Winter break in January, 1 Jan-8 Jan)	Revision	
	February (Annual Examination)		

SUBJECT – PHYSICS

S.N.	MONTH	CHAPTER'S NUMBER AND NAME	ACTIVITIES
1.	April	CH-1. Motion Topics: Distance and displacement, velocity; uniform and non-uniform motion along a straight line; acceleration	Activity 1. To plot graphs for different cases of motion (uniform and non-uniform motion)
2.	May	CH-1. Motion Topics: Distance-time and velocity-time graphs for uniform motion and uniformly accelerated motion, elementary idea of uniform circular motion	
3.	July	CH-2. Force And Laws of Motion Topics: Force and Motion, Newton's Laws of Motion, Action and Reaction forces, Inertia of a body Revision of PT-1	Activity 2. Take a glass tumbler and place a thick square card on its mouth. Then place a coin above this card in the middle. Flick the card hardly. What happens when you flick the card and why?

4.	August	CH-2. Force And Laws of Motion Topics: Inertia and mass, Momentum, Force and Acceleration. CH-3. Gravitation Topics: Gravitation; Universal Law of Gravitation, Force of Gravitation of the earth (gravity), Acceleration due to Gravity	Activity 3. Determination of the density of solid (denser than water) by using a spring balance and a measuring cylinder.
5.	September	CH-3. Gravitation Topics: Mass and Weight; Free fall. Floatation: Thrust and Pressure. Archimedes' Principle; Buoyancy	Activity 4. Establishing the relation between the loss in weight of a solid when fully immersed in: a) Tap water b) Strongly salty water with the weight of water displaced by it by taking at least two different solids.
6.	October	CH-4. Work and Energy Topics: Work done by a Force, Energy, power; Kinetic energy Revision of Half Yearly Exam	Activity 5. To discuss the law of conservation of energy in the case of simple pendulum
7.	November	CH-4. Work and Energy Topics: Potential energy; Law of conservation of energy (excluding commercial unit of Energy). CH-5. Sound Topics: Nature of sound and its propagation in various media, speed of sound	Activity 6. Determination of the speed of a pulse propagated through a stretched string/slinky (helical spring).
8.	December	CH-5. Sound Topics: Range of hearing in humans; ultrasound; reflection of sound; echo. Revision of PT-3	Activity 7. Verification of the laws of reflection of sound.

SUBJECT – CHEMISTRY

S. N.	MONTH	CHAPTER'S NUMBER AND NAME	ACTIVITIES
1.	April	1. Matter in Our Surroundings Topics: Definition of matter; Particulate Nature of Matter; States of Matter: solid, liquid and gas and their characteristics	To demonstrate the small size of particles with the help of potassium permanganate
2.	May	1. Matter in Our Surroundings Topics: Change of state - melting (absorption of heat), freezing, evaporation (cooling by evaporation), condensation, sublimation.	To compare the properties of solids, liquids and gases with diagram

S.N.	Month		Activities
3.	July	2. Is Matter Around Us Pure Topics: Elements, compounds and mixtures. Heterogeneous and homogenous mixtures, colloids Revision of PT-1	To demonstrate the distinction between a mixture and a compound
4.	August	2. Is Matter Around Us Pure Topics: Suspensions. Physical and Chemical changes (excluding separating the components of a mixture); Pure and Impure substances.	To demonstrate the distinction between: 1. A true solution, suspension and colloids 2. Physical and Chemical Changes
5.	September	3. Atoms and Molecules Topics: Atoms and molecules, Law of Chemical Combination, Chemical formula of common compounds	To verify the law of conservation of mass
6.	October	3. Atoms and molecules Topics: Atomic and molecular masses. Revision of PT-2	Make a table of elements from atomic number 1 to 20 and mention the following: Symbol, Mass number, and Valency
7.	November	4. Structure of Atom Topics: Sub-atomic particles: Electrons, protons and neutrons, Models of Atom	Discuss the following: 1. Bohr's atomic model 2. Rutherford's alpha ray scattering experiment
8.	December	4. Structure of Atom Topics: Valency, Atomic Number and Mass Number, Isotopes and Isobars. Revision of PT-3	Make a table of electronic configuration of elements from atomic number 1 to 20

SUBJECT – BIOLOGY

S. N.	MONTH	CHAPTER'S NUMBER AND NAME	ACTIVITIES
1.	April	1.Cell -The Basic Unit of Life (Cell theory, cell number, size and shape, plasma membrane, cell wall)	To prepare temporary stained mount of an onion peel and observe under the microscope and write the experiment in the laboratory manual.
2.	May	1.Cell-The Basic Unit of Life (Nucleus, Cytoplasm)	To observe and draw well labeled diagrams of the following:- 1) Animal cell 2) Plant cell
3.	July	1.Cell -The Basic Unit of Life (Plant and Animal cell, Cell Division)	To observe and draw the well labeled diagrams of Parenchyma, Collenchyma and Sclerenchyma tissues in plant from prepared slide.
4.	August	2.Tissue (Plant tissue)	To observe and draw the well labeled diagrams of Striped, Smooth, Cardiac

			muscle fibers and Nerve cells in animals from prepared slide.
5.	September	2.Tissue (Animal tissue)	Prepare Art integrated Project on Ozone depletion
6.	October	3.Improvement in Food Resources (Plant breeding, Nutrient Management, Organic Farming) & Revision of PT2	Write short notes on the following :- 1. Sustainable development 2. Poultry farming 3. Organic farming 4. Factors responsible for loss of stored grains
7.	November	3.Improvement in Food Resources (Crop production & Management, Plant diseases, Sustainable Agriculture, Animal Husbandry)	Draw two crops of the following:- 1) Rabi crops 2) Kharif crops
8.	December	3.Improvement of Food Resources (Fish culture, Poultry farming and Apiculture)	Complete notes in assignment copy

SUBJECT – HISTORY / CIVICS

S.N.	MONTH	CHAPTER	ACTIVITIES
1.	April	**India and Contemporary World-I** Chapter-1The French Revolution	Draw and write one sentence on Political Symbols of France
2.	May	**Democratic Politics-1** Chapter-1 Why Democracy? What is Democracy?	Flow-chart on 'Features of democracy'
3.	July	**India and Contemporary World-I** Chapter-2 Socialism in Europe and the Russian Revolution **Democratic Politics-1** Chapter-2 Constitutional Design	Making of Preamble
4.	August	**India and Contemporary World-I** Chapter-2 Socialism in Europe and Russian Revolution **Democratic Politics-1** Chapter-3 Electoral Politics	Map-Work Extent of Russian Empire (Central powers & allied power) Mock Election
5.	September	**India and Contemporary World-I**	Map-work

		Chapter-5 Pastoralist in the Modern World	'Pastoralists of India and Africa'
6.	October	**India and Contemporary World-I** Chapter-4 Forest Society and Colonialism (For project only) **Democratic Politics-1** Chapter-4 Working of the Institution	Interdisciplinary Project & and tree Plantation
7.	November	**India and Contemporary World-I** Chapter-3 Nazism and the Rise of Hitler	Map Assessment on World War I & II
8.	December	**Democratic Politics-1** Chapter-5 Democratic Rights	Chart on Fundamental Rights

SUBJECT – GEOGRAPHY

S.N.	MONTH	CHAPTER'S NAME
1.	April	**Geography Book: Contemporary India -1** L- 1 India -- Size and Location
2.	May	L- 2 Physical Features of India
3.	July	L- 2 Physical Features of India (continued) L- 3 Drainage
4.	August	L- 3 Drainage (continued) L- 4 Climate
5.	September	L- 4 Climate (continued) L- 5 Natural Vegetation and Wildlife (ONLY MAP POINTING TO BE EVALUATED IN ANNUAL EXAM) (Interdisciplinary project as part of multiple assessment) Internally assessed for 5 marks)
6.	October	L- 6 Population
7.	November	L- 6 Population (Continued)
8.	December	L- 6 Population (continued)

SUBJECT – ECONOMICS

S.N.	MONTH	CHAPTER'S NAME
1.	April	Ch-1 The Story of Village Palampur
2.	May	Ch-1 The Story of Village Palampur (continued)

3.	July	Ch-2 People as Resource
4.	August	Ch-3 Poverty as a Challenge
5.	September	Ch-3 Poverty as a Challenge (continued)
6.	October	Ch-4 Food Security in India
7.	November	Ch-4 Food Security in India (continued)
8.	December	Ch-4 Food Security in India (continued)

SUBJECT – INFORMATION TECHNOLOGY

S.N.	MONTH	CHAPTER	ACTIVITIES
1.	April	CH 3 - Digital Documentation	Pg- 160 Lab Activity 5 Creating a document
2.	May	CH 3 - Digital Documentation (cont….)	Pg. -175 Lab Activity 10 Creating a table
3.	July	CH 4 - Electronic Spreadsheet	Pg. 200 Lab Activity Q1,2, and 3 Pg. 221 Lab Activity 9
4.	August	CH 5 - Digital Presentation	Pg. 258 Lab Activity 5 Pg. 270 Lab Activity 9
5.	September	Revision session of CH 3,4,5 PART A CH 1 - Communication Skills	Pg. 12 Draw and define the 7Cs of Effective Communication
6.	October	CH 2 - Self-Management Skills CH 3 - ICT Skills	Pg. 30 Activity 3 (Think about stressful situation you have experienced in past and write down how it made you fee and how you coped with it.)
7.	November	CH 4 - Entrepreneurial Skills CH 5 - Green Skills	1. Paste picture and write about 5 top Indian Entrepreneur. 2. CH 5- Make a presentation of 5 slides Topic- 'what steps can be taken to promote environmental awareness and responsibility among individuals communities and organizations'. Paste the coloured slides printouts in manual copy.

SUBJECT – LIFE – SKILL

S.N.	MONTHS	CHAPTERS
1.	April	1.Self- Discipline
2.	May	2. Personality Types

3.	July	3. Mental Hygiene
		4. Connecting with Nature
4.	August	5. Expression of Emotions
5.	September	6. Loneliness
		7. Dealing with Sadness and Depression
6.	October	8. Stigma Around Seeking Therapy
7.	November	9. Parental Expectations
8.	December	10. Dating and Relationships

SUBJECT – ART & CRAFT

S.N.	MONTH	TOPICS
1.	April	DOODLE ART
		KALAMKARI PAINTING
		LABOUR DAY CARD (craft)
2.	May	ABSTRACT ART
		COVER DESIGN (craft)
3.	July	MOSAIC ART
		FLOWER BOUQUET (craft)
		RAKHI (craft)
4.	August	FLOWER POT
		POSTER
		TRICOLOR BIRD (craft)
5.	September	BOHO PAINTING
		QUILLING (craft)
		REVISION WORK
6.	October	PEACOCK
		3D DRAWING
		SMALL FLOWER POT (craft)
7.	November	LANDSCAPE
		TATOO ART
		CHRISTMAS CRAFT (craft)
8.	December	FACIAL FEATURES
		ENVELOPE (craft)

CARD (craft)	
REVISION WORK	

SUBJECT – MUSIC

S.N.	MONTH	TOPICS
1.	April	1. सरस्वती वंदना (सुर की देवी) 2. ताल , तीनताल, दादरा, कहरवा
2.	May	1. Welcome song (आप आये हवाएं)
3.	July	1.Patriotic song (अनेकता मे एकता) 2.हे राम जग में सांचा (भजन)
4.	August	1. राग बिहाग अलंकार
5.	September	1. Revision of all songs & music practical
6.	October	1.Music practical
7.	November	1.खुद जियो औरों को भी (प्रेरणादायक गीत) 2.अलंकार
8.	December	1. Silent night (Song) 2.मेरे मन में राम (भजन)