Jagat Taran Golden Jubilee School, Prayagraj
Month Wise Syllabus Break-up 2025-26
CLASS-X

English

MONTH	T.DAYS	READER	GRAMMAR	WRITING	ACTIVITY
APRIL	**13**	1.A Letter To God 2.A Triumph of Surgery 3.Dust of Snow 4.Fire and Ice	1.Modals	Letter Writing	• Mind map on the story "A Letter To God "
MAY	**13**	1. Nelson Mandela - Long walk to freedom 2. The Thief's Story	2.Determiners	Letter Writing	• Arrange the information on Mandela's life in a chronological order along with pictures.
JULY	**25**	1. Two stories about Flying 2. The Midnight Visitor 3. A Tiger in the Zoo 4. From The Diary of Anne Frank 5. How To Tell Wild Animals 6. A Question of Trust	3.Subject Verb Concord		• Character Traits – Complete the table by giving supporting details for the characters of Anne Frank.
AUG	**22**	1. Glimpses of India 2. Mijbil-The Otter 3. The Ball Poem 4. Amanda 5. Footprints without feet	4.Reported Speech	Letter Writing	• Pen portrait – Collect information and give a pen portrait of a craft based professional eg. Potter,Bamboo weaver , Carpet Weaver , Carpenter etc.
SEPT	**21**	1. Madam Rides The Bus 2. The Sermon At Benaras 3. The trees 4. The Fog 5. The Necklace	4.Reported Speech	Analytical Paragraph	Making a saving box with waste materials to save money. Also write a short Paragraph on the purpose of saving money.
OCT	**10**	1.The Proposal 2. The Tale of the Custard Dragon 3.Anne Gregory	5.Tenses		Paragraph Writing on Wedding Customs of Russian and Indian weddings. Also discuss about their similarities

NOV	**19**	1.Bholi 2.The Book that Saved the Earth	5.Tenses	1.Analytical Paragraph 2.Revision (Sample Paper Practice)	Rearrange the jumbled sentences to give the correct story- The Book That Saved The Earth.

INFORMATION TECHNOLOGY

Month	Chapter	Activity
April	Digital Documentation(Advanced) using LibreOffice Writer	Lab activity given on page no. 158
May	Digital Documentation(Advanced) using LibreOffice Writer(Cont.) Introduction of Electronic Spread Sheet	Lab activity given on page no. 158(cont.)
July	Electronic Spread Sheet (Advanced) cont. Database Management System using LibreOffice Base	Lab activities given on page no. 163,168,174 Lab activities given on page no. 258,268
August	Maintain Healthy, Safe and Secure Working Environment.	Write a note on general emergency handling procedures.
September	Communication Skills-II	Draw and write a note on elements of communication cycle
October	Self Management Skills-II ICT Skill-II	Write a note on stress management techniques.
November	Entrepreneurial Skills-II Green Skills-II	Write a note on any three Indian entrepreneurs.

ECONOMICS

Sr. No.	Month	Chapter's Name
1.	April	Ch-1 Development
2.	May	Ch-1 Development (continued)
3.	July	Ch-2 Sectors of the Indian Economy
4.	August	Ch-3 Money and Credit
5.	September	Ch-3 Money and Credit (continued)
6.	October	Ch-4 Globalisation and The Indian Economy
7.	November	Ch-4Globalisation and The Indian Economy(continued)
8.	December	Revision

History/Civics

Month	Chapters	Activity/Project
April	**History**:Ch-4 The Age of Industrialisation **Civics**:Ch-1 Power Sharing	Comparative study of Advertising of various products in early days and present days
May	**Civics**: Ch-2 Federalism	Division of Federal government in India
July	**History**: Ch-1 Nationalism in Europe	Map activity
August	History: Ch-2 Nationalism in India Ch-3 Gender, Religion and caste	Newspaper reports on important incidents of National Movement
September	Ch-3 The Making of a global World Ch-4 Political Party	Interdisciplinary Project
October	**Civics**: Ch-5 Outcomes of Democracy	
November	Ch-5 Print Culture and Modern World	Making of manuscripts

GEOGRAPHY

Sr. No.	Month	Chapter's Name
1.	APRIL 17 Days	Geography: L- 1 Resources and Development
2.	MAY 14 Days	L- 2 Forest and Wildlife Resources
3.	JULY 27 Days	L- 3 Water Resources
4.	AUGUST 22 Days	L- 4 Agriculture
5.	SEPTEMBER 22 Days	L- 5 Minerals and Energy Resources
7.	OCTOBER 11 Days	L- 6 Manufacturing Industries
8.	NOVEMBER 20 Days DECEMBER Till PREBOARD	L- 6 Manufacturing Industries (Continued) L- 7 Lifelines of National Economy (ONLY MAP POINTING TO BE EVALUATED IN BOARD) (Interdisciplinary Project with History and Economics)

BIOLOGY

Sr. No.	Month	Chapter's Name
1.	April	1. Life Processes (Nutrition)
2.	May	1. Life Processes (Nutrition)
3.	July	1. Life Processes (Respiration , Transportation and Excretion)
4.	August	2. Control and Coordination 3. How do the organisms reproduce?
5.	September	3. How do the organisms reproduce? 4. Heredity and Variation
6.	October	Revision for PT2
7.	November	5.Our Environment

CHEMISTRY

Sr. No.	Month	Chapter's Name	Activity
1.	April	**1.Chemical Reactions and Equations** (Chemical reactions, Chemical equation, Balanced chemical equation, types of chemical reactions: combination, decomposition, displacement, double displacement, precipitation, endothermic exothermic reactions, oxidation and reduction)	To perform and observe the types of reactions in the following:-Reaction of Iron nail kept in copper sulphate solution, Action of water on quicklime, Action of heat on ferrous sulphate crystals, Reaction between Na_2SO_4 and $BaCl_2$.
2.	May	**2.Acids, Bases and Salts** (Acids and Bases – definitions in terms of furnishing of H^+ and OH^- ions, identification using indicators)	To study the properties of acids and bases (HCl & NaOH) on the basis of their reaction with :-Lime solution ,Zinc metal ,solid Sodium Carbonate
3.	July	**2.Acids, Bases and Salts** (chemical properties, examples and uses, neutralization, concept of pH scale (Definition relating to logarithm not required), importance of pH in everyday life; preparation and uses of Sodium Hydroxide, Bleaching powder, Baking soda, Washing soda and Plaster of Paris)	Find the pH of the following samples by using litmus paper:- 1) Dil HCl 2) Dil NaOH 3) Dil ethanoic acid solution 4) Lemon water 5) Water
4.	August	**3.Metals and Non Metals** (Properties of metals and non-metals; Reactivity series; Formation and properties of ionic compounds)	Draw the activity/ reactivity series of metals
5.	September	**3.Metals and Non Metals** (Basic metallurgical processes; Corrosion and its prevention)	To study and compare reactivity of some metals such as Mg, Al, Zn, Fe, Pb and Cu with dilute HCl.
6.	October	**4.Carbon and its Compounds** (Covalent bonds – formation and properties of covalent compounds, Versatile nature of carbon, Hydrocarbons – saturated and unsaturated Homologous series)	To study the comparative cleaning capacity of soap in soft and hard water.

7.	November	**4. Carbon and its Compounds** (Nomenclature of alkanes, alkenes, alkyne and carbon compounds containing functional groups (halogens, alcohol, ketones, aldehydes). Chemical properties of carbon compounds (combustion, oxidation, addition and substitution reaction). Ethanol and Ethanoic acid (only properties and uses), soaps and detergents)	Study the following properties of Acetic acid (Ethanoic acid) 1) Odour 2) Solubility in water 3) Effects on litmus 4) Reaction with sodium hydrogen carbonate

PHYSICS

MONTH	CHAPTER NAME	EXPERIMENTS / ACTIVITIES
April	• **CH.1 - Reflection of Light** Reflection of light by curved surfaces; Images formed by spherical mirrors, centre of curvature, principal axis, principal focus, focal length, mirror formula, magnification, Numericals based on Spherical mirror	Show the images formed by the concave and convex mirror for the different position of the object.
May	• **CH.1 - Reflection of Light** Questions for practice from Ch - 1 • **CH 2 - Refraction of Light** Refraction; Laws of refraction	Determination of the focal length of concave mirror by obtaining the image of distant object
July	• **CH 2 - Refraction of Light** Refraction of light by spherical lens; Image formed by spherical lenses; Lens formula (Derivation not required); Magnification. Power of a lens, Numericals based on spherical lenses and refractive index. • **CH 3 - Human Eye and the colourful world** Functioning of a lens in human eye, defects of vision and their corrections	1. Determination of the focal length of convex lens by obtaining the image of distant object. 2. Tracing the path of a ray of light passing through a rectangular glass slab for different angles of incidence. Measure the angle of incidence, angle of refraction, angle of emergence and interpret the result.
August	• **CH 3 - Human Eye and the colourful world** Applications of spherical mirrors and lenses. Refraction of light through a prism, dispersion of light, scattering of light, applications in daily life, Numericals based on defect of vision • **CH 4 - Electricity** Electric current, potential difference and electric current.	Tracing the path of the rays of light through a glass prism.
September	• **CH 4 - Electricity** Ohm's law; Resistance, Resistivity, Factors on which the resistance of a conductor depends. Series combination of resistors, parallel combination of resistors and its applications in daily life. Heating effect of electric current and its applications in daily life. Electric power, Interrelation between P, V, I and R, Numericals	Studying the dependence of potential difference (V) across a resistor on the current (I) passing through it and determine its resistance. Also plotting a graph between V and I.

October	• **<u>CH 5 - Magnetic Effects of Current</u>** Magnetic field, field lines, Field due to straight current carrying conductor, Maxwell's Right hand thumb rule	Determination of the equivalent resistance of two resistors when connected in series.
November	• **<u>CH 5 - Magnetic Effects of Current</u>** field due to current carrying coil or solenoid; Force on current carrying conductor, Fleming's Left Hand Rule, Direct current. Alternating current: frequency of AC. Advantage of AC over DC. Domestic electric circuits.	Determination of the equivalent resistance of two resistors when connected in parallel.

MATHS

MONTH	CHAPTER	ACTIVITY
APRIL	**Lesson 1 : Real Numbers** **i)** Fundamental Theorem of Arithmetic - statements after reviewing work done earlier and after illustrating and motivating through examples. **ii)** Proofs of irrationality of √2, √3, √5. **Lesson 2 : Polynomials** **i)** Zeros of a polynomial **ii)** Relationship between zeros and coefficients of quadratic polynomials.	1. To find the HCF of two numbers experimentally based on Euclid's Division Lemma. 2. To draw the graph of a quadratic polynomial and observe : i) the shape of the curve when the coefficient of x^2 is positive. ii) the shape of the curve when the coefficient of x^2 is negative. iii) its number of zeros.
MAY	**Lesson 3 : Pair of linear equations in two variables** **i)** Pair of linear equations in two variables and graphical method of their solution, consistency/inconsistency. **ii)** Algebraic conditions for number of solutions. **iii)** Solution of a pair of linear equations in two variables algebraically - by substitution, by elimination. Simple situational problems.	1. To obtain the conditions for consistency or inconsistency of given pairs of linear equations in two variables by graphical method.
JULY	**Lesson 4 : Quadratic Equations** i) Standard form of a quadratic equation $ax^2 + bx + c = 0$, $(a \neq 0)$. ii) Solutions of quadratic equations (only real roots) by factorization, and by using quadratic formula. Relationship between discriminant and nature of roots. iii) Situational problems based on quadratic equations related to day-to-day activities to be incorporated. **Lesson 5 : Arithmetic Progressions** i) Motivation for studying Arithmetic Progression ii) Derivation of the nth term and sum of the first n terms of AP and their application in solving daily life problems. **Lesson 6 : Triangles** Definitions, examples, counter examples of similar triangles. i) (Prove) If a line is drawn parallel to one side of a triangle to intersect the other two sides in distinct points, the other two sides are divided in the same ratio.	1. To verify that the given sequence is an Arithmetic Progression by paper cutting and pasting method. 2. To verify the sum of first n – natural numbers is n (n+1) / 2 by graphical method. 3. To verify the BPT using parallel line board and triangle cut outs. 4. To verify the Pythagoras theorem by the method of paper cutting and pasting. 5. To verify the Pythagoras theorem by Bhaskara method.

	ii) State (without proof) If a line divides two sides of a triangle in the same ratio, the line is parallel to the third side. iii) State (without proof) If in two triangles, the corresponding angles are equal, their corresponding sides are proportional and the triangles are similar. iv) State (without proof) If the corresponding sides of two triangles are proportional, their corresponding angles are equal and the two triangles are similar. v) State (without proof) If one angle of a triangle is equal to one angle of another triangle and the sides including these angles are proportional, the two triangles are similar.	
AUGUST	**Lesson 7 : Coordinate Geometry** Concepts of coordinate geometry. Distance formula. Section formula (internal division). **Lesson 8 : Introduction to Trigonometry** i) Trigonometric ratios of an acute angle of a right-angled triangle. Proof of their existence (well defined). ii) Motivate the ratios whichever are defined at 0° and 90° . Values of the trigonometric ratios of 30° , 45° and 60°. iii) Relationships between the ratios. iv) Proof and applications of the identity sin2A + cos2A = 1. v) Only simple identities to be given.	1. To verify the distance formula by graphical method. 2. To verify Section formula graphically. 3. To Draw the graph of trigonometric functions of Sin , Cos and Tan function of some angles : 0^0 , 30^0 , 45^0 , 60° , 90°.
SEPTEMBER	**Lesson 9 : Some Applications of Trigonometry** Simple problems on heights and distances. Problems should not involve more than two right triangles. Angles of elevation / depression should be only 30°, 45°, and 60°. **Lesson 10 : Circles** Tangent to a circle at point of contact. i) (Prove) The tangent at any point of a circle is perpendicular to the radius through the point of contact. ii) (Prove) The lengths of tangents drawn from an external point to a circle are equal. **Lesson 11 : Areas related to Circles** i) Area of sectors and segments of a circle. Ii) Problems based on areas and perimeter	1. To make a clinometer and use it to measure height of an object. 2. To give a suggestive demonstration of the formula that the area of the circle is half the product of its circumference and radius , by paper cutting and pasting. 3. To observe the lengths of two tangents drawn from an external point to a circle are equal.

	/circumference of the above said plane figures. (In calculating area of segment of a circle, problems should be restricted to central angle of 60°, 90° and 120° only.	
OCTOMBER	**Lesson 12 : Surface Areas and Volumes** Surface areas and volumes of combinations of any two of the following: cubes, cuboids, spheres, hemispheres and right circular cylinders / cones.	1. To give a suggestive demonstration of the formula for the volume of a right circular cylinder in terms of its height and radius of the base circle. 2. To give a suggestive demonstration of the formula for the volume of a right circular cone. 3. To find the Relationship among Volumes of a Right circular Cone, a hemisphere, and a right circular cylinder of equal radii and equal Heights
NOVEMBER	**Lesson 13 : Statistics** Mean, median and mode of grouped data (bimodal situation to be avoided). **Lesson 14 : Probability** Classical definition of probability. 2. Simple problems on finding the probability of an event.	1. To determine probability of a Head or a Tail by tossing a coin maximum number of times and compare with its theoretical probability. 2. To find experimental probability of each outcome of a Die when it is thrown a large number of times.
DECEMBER	**Revision of PREBOARD Exam**	

MUSICS

APRIL	1. गणेश वंदना (जय गणपति गणनायक) 2.□□□ , □□□□□□, □□□□□, कहरवा (डुगुन)
MAY	1.Welcome song (अतिथि आपके स्वागत में)
JULY	1. नगरी हो अयोध्या सी (भजन) 2. वंदे भारत मातरम Patriotic song
AUGUST	1. □□□ □□□□□ □□□□□□ 2. विद्यालय गान
SEPTEMBER	1. Revision of all songs & music practical
OCTOBER	1.Music practical
NOVEMBER	1. भर उत्साह शिराओं में (Motivational Song) 2. □□□ , □□□□□□, □□□□□ (डुगुन)
DECEMBER	1. ताल रूपक झपताल

ART & CRAFT

Month	TOPICS
April	BOHO PAINTING LOTUS LABOUR DAY CARD (craft)
May	ABSTRACT ART PEACOCK COVER DESIGN (craft)
July	MOSAIC ART POSTER TRICOLOR WALL HANGING (craft)
August	FLOWER POT TREE LANDSCAPE
September	DIWALI CARD QUILLING (craft) REVISION WORK
October	MINIATURE PAINTING SMALL FLOWER POT (craft)
November	POSTER 3D DRAWING CHRISTMAS CRAFT (craft)
December	LEAF IMPRESSION PAINTING I ENVELOPE (craft) CARD (craft) REVISION WORK

पाठ्यक्रम-विभाजन हिन्दी कोर्स-ए कक्षा 10

सत्र 2025-26

MONTHS	CHAPTERS	ACTIVITY
APRIL	1. नेता जी का चश्मा 2. सूरदास के पद 3. अलंकार (उपमा, रूपक, उत्प्रेक्षा, अतिश्योक्ति और मानवीकरण: परिभाषा एवं उदाहरण) 4. पत्र लेखन (औपचारिक तथा अनौपचारिक)	1.मैं प्रयाग का चौराहा हूँ---। 2.फेरीवालों की समस्याएँ एवं समाधान के सुझाव। 3.प्रत्येक अलंकार के पाँच-पाँच उदाहरण याद करें।
MAY	1. बालगोबिन भगत 2. अपठित गद्यांश पर आधारित प्रश्नोत्तर 3. राम-लक्ष्मण-परशुराम संवाद 4. विज्ञापन	1.दोहा व चौपाई छंद का गायन तथा अवधी भाषा की विशेषताएँ। 2.व्याकरण पुस्तक में दिए गए अपठित गद्यांश एवं पद्यांश पर आधारित प्रश्नोत्तर हल करें।

JULY	1. लखनवी अंदाज़ 2. एक कहानी यह भी 3. आत्मकथ्य 4. माता का अंचल (कृतिका)	1. ग्रामीण परिवेश: अतीत और वर्तमान में बदलते संबंध।
AUGUST	1. उत्साह 2. अट नहीं रही 3. नौबत खाने में इबादत 4. मैं क्यों लिखता हूँ (कृतिका) 5. पत्र लेखन (औपचारिक तथा अनौपचारिक)	1.काशी में हो रहे बदलावों पर बिस्मिल्लाह खाँ की पीड़ा को अपने शब्द में लिखिए। 2.युवा वर्ग में सफलता के लिए शॉर्टकट अपनाने की बढ़ती प्रवृत्ति।
SEPTEMBER	1. संस्कृति 2. यह दंतुरित मुस्कान 3. रचना के आधार पर 4. वाक्य भेद (सरल,संयुक्त तथा मिश्र वाक्य) 5. वाच्य और उसके भेद (कर्तृ वाच्य, कर्म वाच्य, भाव वाच्य)	1.संतान के जीवन में माता-पिता का महत्व- अनुच्छेद। 2.त्यौहारों पर आने वाले व्हाट्सऐप संदेशों को संकलित करें।

OCTOBER	1. पद परिचय (प्रत्येक शब्द का व्याकरणिक परिचय) 2. ई-मेल 3. स्ववृत्त लेखन	1.आदर्श प्रश्न पत्रों का अभ्यास।
NOVEMBER	1. फसल 2. संगतकार 3. साना-साना हाथ जोड़ि	1.अरुणाचल प्रदेश का प्राकृतिक सौन्दर्य वर्णन - /कविता लेखन।
DECEMBER	1. क्षितिज पुस्तक के समस्त गद्य एवं पद्य पाठों की पुनरावृत्ति 2. कृतिका पुस्तक के पाठों की पुनरावृत्ति 3. समस्त व्याकरण अभ्यास 4. अपठित गद्यांश/पद्यांश 5. पत्र 6. अनुच्छेद 7. ई-मेल 8. स्ववृत्त 9. संदेश लेखन (पुनरावृत्ति)	1. आदर्श प्रश्न पत्रों का अभ्यास। 2. A.S.L.