



Jagat Taran Golden Jubilee School, Prayagraj
Month Wise Syllabus Break-up 2024-25
CLASS X

English

Month	No. of Days	Name of the lesson	Activity
April	13	Reader 1. A Letter To God 2. A Triumph of Surgery 3. Dust of Snow 4. Fire and Ice Grammar 1. Modals Writing 1. Letter Writing	Mind Map from a Letter to God
May	16	Reader 1. Nelson Mandela – Long Walk to Freedom 2. The Thief’s Story Grammar 1. Modals Writing 1. Letter Writing	Arrange the information on Mandela’s life in a chronological order along with pictures
July	26	Reader 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 7. Subject Verb Concord	Character Traits – Complete the table by giving supporting details for the characters of Anne Frank
August	24	Reader 1. Glimpses of India 2. Mijbil – The Otter 3. The Ball Poem 4. Amanda 5. Footprints Without Feet Grammar 1. Reported Speech Writing 1. Letter Writing	Pen Potrait – Collect information and give a pen portrait of a craft based professional eg. Potter , Bamboo weaver, Carpet weaver, Carpenter etc.
September	25	Reader 1. Madam Rides the Bus 2. The Sermon At Benaras 3. The Trees 4. The Fog 5. The Necklace Grammar 1. Reported Speech Writing 1. Analytical Paragraph	Making a saving box with waste materials to save money. Also write a short paragraph on the purpose of saving money.

October	19	<p>Reader</p> <ol style="list-style-type: none"> 1. The Proposal 2. The Tale of the Custard Dragon 3. For Anne Gregory 	<p>Paragraph Writing on Wedding Customs of Russian and Indian Weddings. Also discuss about their similarities</p>
November	23	<p>Reader</p> <ol style="list-style-type: none"> 1. Bholi 2. The Book that Saved the Earth <p>Grammar</p> <ol style="list-style-type: none"> 1. Reported Speech <p>Writing</p> <ol style="list-style-type: none"> 1. Analytical Paragraph 2. Sample Paper practice 	<p>Rearrange the jumbled sentences to give the correct story – The Book That Saved The Earth</p>

Hindi

माह व दिन	पाठ संख्या व शीर्षक	विषय संवर्धन क्रियाकलाप
अप्रैल (14 दिन)	<p>क्षितिज- भाग 2 गद्य- पाठ- नेता जी का चश्मा पद्य- पाठ- पद (सूरदास)</p> <p>व्याकरण: वाक्य भेद: सरल, संयुक्त, मिश्र</p>	मैं प्रयाग का चौराहा हूँ
मई (16 दिन)	<p>क्षितिज- भाग 2 गद्य- पाठ- बालगोबिन भगत पद्य- पाठ- राम लक्ष्मण परशुराम संवाद</p> <p>व्याकरण- अपठित गद्यांश, पद्यांश</p> <p>लेखन- पत्र लेखन: औपचारिक, अनौपचारिक, अनुच्छेद</p>	
जुलाई (26 दिन)	<p>क्षितिज- भाग 2 गद्य- पाठ- लखनवी अंदाज पाठ- एक कहानी यह भी पाठ- आत्मकथ्य पाठ- उत्साह तथा अट नहीं रहीं,</p> <p>कृतिका- भाग 2 माता का अंचल</p> <p>व्याकरण: अलंकार- (उपमा, रूपक, उत्प्रेक्षा, अतिशयोक्ति, मानवीकरण)</p> <p>लेखन- विज्ञापन/संदेश</p>	श्रुत अभ्यास
अगस्त (24 दिन)	<p>क्षितिज- भाग 2 गद्य- पाठ- नौबतखाने में इबादत</p> <p>कृतिका- भाग 2 पाठ- मैं क्यों लिखता हूँ</p> <p>व्याकरण: वाच्य: कर्तृवाच्य, कर्मवाच्य, भाववाच्य</p>	काशी में हो रहे बदलावों की समीक्षा कीजिए।

सितम्बर (24 दिन)	क्षितिज- भाग 2 कृतिका- भाग 2 व्याकरण:	गद्य- पाठ- संस्कृति पाठ- यह दंतुरित मुस्कान साना- साना हाथ जोड़ि पद परिचय	अरुणाचल प्रदेश की कविताओं अरुणाचल प्रदेश की कविताओं में प्रकृति वर्णन
अक्टूबर (8 दिन)	क्षितिज- भाग 2 व्याकरण-	फसल संगतकार पत्र लेखन- औपचारिक/अनौपचारिक	
नवम्बर (21 दिन)	क्षितिज- भाग 2 कृतिका- भाग 2	पाठ- साना- साना हाथ जोड़ि पद्य- पाठ- संगतकार	
दिसम्बर	क्षितिज- भाग 2 कृतिका- भाग 2 व्याकरण - पुनरावृत्ति	पुनरावृत्ति एवं अभ्यास	

CHEMISTRY

Sr. No.	Month	Chapter's Name	Activity
1.	April	1. Chemical reactions and equations	To perform and observe the reaction of Iron nail kept in copper sulphate solution
2.	May	2.Acids , bases and salts (Acids,Bases, Indicators)	To show that dilution of a concentrated solution of an acid is exothermic
3.	July	2.Acids ,Bases and salts (properties of acids, properties of Bases ,pH and pH scale , importance,Salts, Hydrated salts)	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.Metal and non metals (Metals,Non metals, chemical properties of metal and non metals, occurrence of metals)	Draw the activity/ reactivity series of metals
5.	September	3.Metals and non metals (metallurgy, concentration of ore , Conversation, reduction, Refining of metals)	To study and compare reactivity of some metals such as Mg, Al, Zn, Fe, Pb and Cu with dilute HCl.
6.	October	3.Metals and non metals (Corrosion,alloying) and Revision for PT2	Write the short notes on the following:- 1)froth flotation method 2)Electrolytic refining 3)ores of various metals
7.	November	4.Carbon and it's compound	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

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

PHYSICS

MONTH	CHAPTER NAME	EXPERIMENTS / ACTIVITIES
April & May	<ul style="list-style-type: none">CH.1 - Reflection of Light	Determination of the focal length of concave mirror by obtaining the image of distant object.
	Summer Vacations: 20-05-24 to 30-06-24	
July	<ul style="list-style-type: none">CH 2 - Refraction of LightCH 3 - Human Eye and the colourful world (till defect of vision and their correction)	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	<ul style="list-style-type: none">CH 3 - Human Eye and the colourful world (Remaining part)CH 4 - Electricity (till electric current)	Tracing the path of the rays of light through a glass prism.
September	<ul style="list-style-type: none">CH 4 - Electricity (Remaining part)	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	<ul style="list-style-type: none">CH 5 - Magnetic Effects of Current (till Maxwell Right hand Thumb Rule)	Determination of the equivalent resistance of two resistors when connected in series.
November	<ul style="list-style-type: none">CH 5 - Magnetic Effects of Current (Remaining part)	Determination of the equivalent resistance of two resistors when connected in parallel.

Mathematics

Month	Chapter
April	1. Real Numbers 2. Polynomials
May	3. Pair of Linear equations in two variables
July	4. Quadratic equations 5. Arithmetic progression 6. Triangles
August	7. Coordinate geometry 8. Introduction to Trigonometry
September	9. Some Applications of Trigonometry 10. Circles 11. Areas related to circles
October	12. Surface Areas and Volumes
November	13. Statistics 14. Probability

INFORMATION TECHNOLOGY

Month	Chapter	Activity
April	Ch. Web Application and Security Topics: 1. Introduction 2. launching accessibility option 3. Networking fundamentals 4. types of Network 5. Internet 6. Types of common internet connectivity 7. data transfer on internet 8. Instant Messaging 9. Creating and Publishing Web pages 10. Online Transaction 11. E-Commerce 12. Internet Security	How the data is transfer on Internet, draw the diagram along with the explanation. Page no. 205
May	Ch. Web Application and Security Ch. Database Management System	Define types of relationships along with the diagram of each.
July	Ch. Database Management System(cont.) Ch. Advanced Electronic Spreadsheet	SQL data with queries.
August	Ch. Advanced Electronic Spreadsheet(cont.)	Write the steps of the following "What-If" analysis. 1. Consolidating data 2. Sub total 3. Goal seek
September	Ch. Digital Documentation	1. Create a template of admission form of a school. And paste the print of the form in manual copy.
October	Ch. Communication Skill-II Ch. Self-Management skill-II	Draw the stages of communication cycle and define each stage.(page 8)
November	Ch. ICT Skill-II Ch. Entrepreneurial Skill-II Ch. Green Skill-II	Paste the pictures of any 4 eminent entrepreneurs of India and write about them.(page 65)

HISTORY/CIVICS

Test/Months	Chapters	Activities
April	History: Ch-1 The Rise of Nationalism in Europe Civics: Ch-1 Power Sharing History Age of industrialisation Civics Federalism	Identifying images Flow charts
May	History chapter 2 Nationalism in India Civics chapter 4 Gender Religion and caste	Mind map
July		
August	History: Ch-3 Making of a Global World Civics: chap 6 political parties	Interdisciplinary Project
September	History: Ch-3 The Making of a global World Civics : Political Party Chapter 6	Poster making
October	Print Culture and modern world (Europe) Civics Outcomes of democracy	Group Discussion
November	History chapter 6 Print Culture and modern world (India) Civics Outcomes of democracy	

GEOGRAPHY/ECONOMICS

Sr. No.	Month	Chapter's Name
1.	APRIL 13 Days	Geography: L- 1 Resources and Development Economics: L- 1 Development
2.	MAY 16 Days	L- 1 Development (continued) Geography: L- 2 Forest and Wildlife Resources
3.	JULY 26 Days	Economics: L- 2 Sectors of the Indian Economy Geography: L- 3 Water Resources
4.	AUGUST 24 Days	Geography: L- 4 Agriculture Economics: L- 3 Money and Credit
5.	SEPTEMBER 25 Days	Economics: L- 3 Money and Credit (continued) Geography: L- 5 Minerals and Energy Resources
7.	OCTOBER 19 Days	Economics: L- 4 Globalisation and The Indian Economy
8.	NOVEMBER 23 Days DECEMBER Till PREBOARD	Economics: L- 4 Globalisation and The Indian Economy (continued) Geography: L- 6 Manufacturing Industries Geography: L- 7 Lifelines of National Economy (ONLY MAP POINTING TO BE EVALUATED IN BOARD) (Interdisciplinary Project with History and Economics)

