

Class – X

Annual Planner – (2021-22)

Subject - English

Working Days/Month	Book Name	Topics	Subject Enrichment	Multiple Assessment	Excluded Chapters
April (14)	First Flight Footprints without feet	Prose- (i) A Letter to God (ii) Nelson Mandela Poetry – (i) Dust of snow (ii) Fire and Ice Reader- A Triumph of surgery Writing – Business and official letter Grammar- Determiners Tenses Reported speech	Listening : Audio track Speaking: Declamation	-	-
May (12)	First Flight Footprints without feet	Prose- (i) Two stories about flying (ii) From the Dairy of the Anne Frank Poetry – (i) A Tiger in the Zoo (ii) The Ball Poem (iii) How to tell wild Reader- (i) The thief’s story (ii) The Midnight visitor Writing – Informal letter Grammar- Modals	Listening : Poetry Speaking: 2 Minute debate	C.T.- 1	-
July (21)	First Flight Footprints without Feet Reading Writing Grammar	Ch-3 Two Stories about Flying Ch-4 From the Diary of Anne Frank Poem- 5 The Ball Poem Poem- 6 Amanda Ch-2 The Thief’s Story Ch-3 The Midnight Visitor Unseen passage (Bravia) , Analytical Paragraph Tenses, Editing	Quiz	P.T. - 1	-
August (20)	First Flight Footprints without Feet Reading Writing Grammar	Ch-5 The Hundred Dresses –I Ch-6 The Hundred Dresses –II Ch-7 Glimpses of India Poem- Animals Poem- The trees Poem - Fog Ch- 4 A Question of Trust Ch-5 Footprints without Feet Unseen passage (Bravia), Active Passive voice, Gap Filling, Letter writing practice (Enquiry Letter)	ASL(Listening)	-	-
September (22)		Revision of Half -Yearly Exams		Half Yearly	-
October (17)	First Flight Footprints without Feet Reading Writing Grammar	Ch-8 Mijbil The Otter Ch- 9 Madame Rides the Bus Ch-10 The sermon at Benares Poem- The Tale of Custard the Dragon Poem- For Anne Gregory Ch-6 The Making of A Scientist Ch-7 The Necklace Unseen passage (Bravia), Analytical Paragraph practice Reported Speech, Omission	ASL (Speaking)	-	-

November (17)	First Flight Footprints without Feet Reading Writing Grammar	Ch- 11 The Proposal Ch-8 The Hack Driver Ch-9 Bholi Ch- 10 The Book that Saved the Earth Unseen passage (Bravia), Letter: (Complaint Letter)	Story Writing	C.T.- 2	-
December (23)		<u>Revision Worksheet P.T.-2 Examination</u>		P.T.- 2	-
January (19)		<u>Revision Worksheet P.T.-3 Examination</u>		P.T.- 3	-
February (20)		<u>Revision for Annual Exam</u>		Revision	
Subject - Maths					
April (14)	Mathematics (Prachi) Mathematics (NCERT) Mathematics Lab Manual (J.P.H)	Ch-1 : Real Number Ch-2 Polynomial	-	-	-
May (12)	Mathematics (Prachi) Mathematics (NCERT) Mathematics Lab Manual (J.P.H)	Ch-3 : Linear Equation in two variables Ch-4 : Quadratic equations Activity 1	Activity 1: System of linear equation	C.T. - 1	-
July (21)	Mathematics (Prachi) Mathematics (NCERT) Mathematics Lab Manual (J.P.H)	Ch-5 : Arthmatic Progression. Ch-7 Co-Ordinate Geometry. Activity 2,3	Activity 2 : Arthmatic progression I Activity 3: Arthmatic progression II	P.T. - 1	-
August (20)	Mathematics (Prachi) Mathematics (NCERT) Mathematics Lab Manual (J.P.H)	Ch-6 : Triangle Ch-11 : Construction Ch-8: Introduction of Trigonometry Activity 4,5	Activity 4 : Basic proportionality theorem Activity 5 : Pythagoras theorem	-	-
September (22)		Revision of Half yearly Exam			-
October (17)	Mathematics (Prachi) Mathematics (NCERT) Mathematics Lab Manual (J.P.H)	Ch-9 : Application of trigonometric Ch-10 : Circle Ch-13 : Surface area and volume Activity 10,13,17	Activity 10 : Length of tangents Activity 13 : Area of cylinder Activity 17 : Volume of right circular cone	Assignment	-
November (17)	Mathematics (Prachi) Mathematics (NCERT) Mathematics Lab Manual (J.P.H)	Ch-15 : Probability Ch-12: Area related to circle Ch-14 : Statistics Activity 20	Activity 20 : Probability	C.T.- 2	-

December (23)		<u>Revision Worksheet P.T.-2 Examination</u>	-	P.T.- 2	-
January (19)		<u>Revision Worksheet P.T.-3 Examination</u>		P.T.- 3	-
February (20)		<u>Revision for Annual Exam</u>		<u>Annual Exam</u>	-
Subject – Hindi					
अप्रैल (14)	क्षितिज (गद्यखण्ड) क्षितिज काव्यखण्ड लेखन कार्य	पाठ 1 नेता जी का चश्मा पाठ 1 सूरदास के पद औपचारिक व अनौपचारिक पत्र	सुनना 'सुभाष चंद्र बोस के जीवन पर कहानी'	-	-
मई (12)	हिंदी व्याकरण कृतिका क्षितिज काव्यखण्ड लेखन कार्य	पाठ 1 रचना के आधार पर वाक्य पाठ 1 माता का आँचल पाठ 1 बालगोबिन भगत अनुच्छेद लेखन, अपठित गद्यांश	परिचर्चा विषय - ज्योतिष के नाम पर ठगी	C.T.- 1	-
जुलाई (21)	क्षितिज (गद्यखण्ड) काव्यखण्ड कृतिका हिंदी व्याकरण लेखन कार्य	पाठ 12 लखनवी अंदाज़ पाठ 2 राम - लक्ष्मण परशुराम संवाद पाठ 2 जॉर्ज पंचम की नाक पाठ 2 वाच्य पत्र , अनुच्छेद लेखन	सुन्ना सूरदास के पदों का उच्चारण	P.T.- 1	-
अगस्त (20)	क्षितिज (गद्यखण्ड) काव्यखण्ड कृतिका हिंदी व्याकरण लेखन कार्य	पाठ 13 मानवीय करुणा की दिव्य चमक पाठ 3 सवैया कवित पाठ 3 साना-साना हाथ जोड़ी पाठ 3 पद परिचय विज्ञापन, पत्र, निबंध, सन्देश लेखन	बोलना बच्चों को माता पिता के कर्तव्य	Assignment	-
सितम्बर (22)		पुर्नावृत्ति कार्य	-	-	-
अक्टूबर (17)	क्षितिज (गद्यखण्ड) काव्यखण्ड	पाठ 14 एक कहानी यह भी पाठ 15 स्त्री शिक्षा के विरोधी पाठ 4 आत्म कथा पाठ 5 उत्साह , अट नहीं रही है	प्रमुख हिंदी कवियों के चित्र संग्रह	Assignment	-

	हिंदी व्याकरण कृतिका	पाठ 4 रास, पठित गद्यांश , सन्देश 'एही ठैया झुलनी हैरानी हो रामा'			
नवंबर (17)	क्षितिज (गद्यखण्ड) काव्यखण्ड कृतिका हिंदी व्याकरण	पाठ 16 नौबत खाने में इबादत पाठ 6 यह दंतुरित मुस्कान फसल पाठ 7 छाया मत छूना पाठ 5 मैं क्यों लिखता हूँ पत्र , निबंध , विज्ञापन	बोलना 'दहेज़ प्रथा एक अपराध'	C.T.- 2	
दिसंबर (23)	क्षितिज (गद्यखण्ड) काव्यखण्ड कृतिका हिंदी व्याकरण लेखन कार्य	पाठ 17 संस्कृति पाठ 9 संगतकार पाठ 8 कन्यादान पुर्नावृति कार्य		पूर्व वार्षिक परीक्षा	
जनवरी (19)		समस्त पाठों का अभ्यास			
फरवरी (20)		Revision for Final Exams	Mock Test		
Subject – Science (Bio)					
April (14)	NCERT Science Textbook for class X Manual : 3 in one Science lab manual	<u>Ch-6</u> : Life processes Exp-6,7	<u>Experiment 6</u> : Prepare temporary mount of a leaf peel to show stomata <u>Experiment 7</u> : Show that CO ₂ is given out during respiration	Assignment	-
May (12)	NCERT Science Textbook for class X Manual : 3 in one Science lab manual	<u>Ch-8</u> : How do organism reproduce? Exp-12	<u>Experiment 12</u> : Studying (a) binary fission in amoeba (b) budding in yeast and hydra with the help of permanent slides	C.T. - 1	-
July (21)	NCERT Science Textbook for class X Manual : 3 in one Science lab manual	<u>Ch-7</u> : Control and Co-ordination	-	P.T. - 1	-
August (20)	NCERT Science Textbook for class X Manual : 3 in one Science lab manual	<u>Ch-9</u> : Heredity and Evolution Exp-15	<u>Experiment 15</u> : Identification of the different parts of an embryo of a dicot seed (pea, gram or red kidney bean)	Assignment	-

September (22)		-	-	Half Yearly Exam	-
October (17)	NCERT Science Textbook for class X Manual : 3 in one Science lab manual	<u>Ch-15</u> : Our Environment	-	Nil	-
November (17)	NCERT Science Textbook for class X Manual : 3 in one Science lab manual	<u>Ch-16</u> : Sustainable Management of natural resources	-	C.T- 2	-
December (23)		Revision	-	P.T.- 2	-
January (19)		Revision	-	P.T.- 3	-
February (20)		<u>Revision for Annual Exam</u>		<u>Annual Exam</u>	-
Subject – Science (Chemistry)					
April (20)	NCERT Science & Rachna Sagar Lab Manual JPH	Ch-1 Chemical reactions and equations (Page No-1 to 9) Activity 1	Activity 1 To find the PH of the following sample by using PH paper : (i) Dilute HCl (ii) Dilute NaOH	-	-
May (12)	NCERT Science & Rachna Sagar Lab Manual JPH	Ch-1 Chemical reactions and equations (Page No- 10 to 16) Activity 2	Activity 2 To study the properties of Acids(HCL) and Bases (NaOH) by their reaction with : (i) Litmus solutions (blue/red) (ii) Zinc metal	C.T.- 1	-
July (21)	NCERT Science & Rachna Sagar Lab Manual JPH	Ch-2 Acids, Bases and salt (Page No-17 to 36) Activity 3	Activity 3 To perform and observe the action of heat on crystal of FeSO ₄	P.T.- 1	-
August (20)	NCERT Science & Rachna Sagar Lab Manual JPH	Ch-3 Metals and Non Metals (Page No-37 to 49) Activity 4	Activity 4 To perform and observe the action of iron nails kept in CUSO ₄ solution	-	-
September (22)		Revision of Half Yearly Exams		Half Yearly Exams	-
October (17)	NCERT Science & Rachna Sagar Lab Manual JPH	Ch-3 Metals and Non Metals (Page no- 50 to 57) Activity 5	Activity 5 To perform and observe the action of water on quick lime	Assignment	-
November (17)	NCERT Science & Rachna Sagar	Ch-4 Carbon and its compounds Ch-5 Periodic classification of elements	Activity 6 To observe the action of Zn, Fe, Cu and Al	C.T.- 2	-

	Lab Manual JPH	Activity 6 (Page No- 58 to 78)	metals on the following salt solution (i) ZnSO ₄ (ii) FeSO ₄ (iii) CuSO ₄ (iv) Al ₂ (SO ₄) ₃		
December (23)	NCERT Science & Rachna Sagar Lab Manual JPH	Ch-5 Periodic classification of elements (Page no-79 to 92) Activity 7	Activity 7 To arrange Zn, Fe, Cu and Al metals on the following salt solution (i) ZnSO ₄ (ii) FeSO ₄ (iii) CuSO ₄ (iv) Al ₂ (SO ₄) ₃	P.T.- 2	-
January (19)		Revision	-	P.T.- 3	-
February (20)		<u>Revision for Annual Exam</u>		<u>Annual Exam</u>	-
Subject – Physics					
April (20)	Science NCERT/Together with Science Lab Manual JPH	Ch- Reflection and Refraction Sub topics-: (i) Reflection of light (ii) Spherical mirror (iv) Sign convention (iii) Image formed by spherical mirror (v) Magnification and mirror formula Exp-10 (A)	Exp-10 (A) –To find the focal length of concave mirror by obtaining the image of distance object	-	-
May (12)	Science NCERT/Together with Science Lab Manual JPH	Ch- Reflection and Refraction Sub topics-: (i) Refraction of light (ii) Refractive index (iii) Image formed by lens (iv) Power of lens (v) Lens formula and magnification (vi) Numericals Exp-10 (B), 11	Exp-10 (B) –To find the focal length of concave length of a convex lens by obtaining the image of distance object Exp-11- To trace the path of a ray of light passing through rectangular slab for different angle of incidence, angle of refraction and angle of emergence	C.T- 1	-
July (21)	Science NCERT/Together with Science Lab Manual JPH	Ch- The human eye and the colorful world Sub topic-: (i) The human eye (ii) Power of accommodation (iii) Defect of vision and their correction (iv) Dispersion by a grass prism (v) Atmospheric refraction (vi) Scattering of light Exp-13	Exp-13 –To trace the path of light through glass prism	P.T- 1	-
August (20)	Science NCERT/Together with Science Lab Manual JPH	Ch- Electricity Sub topic-: (i)electric charge (ii) Electric current and circuit (iii) Electric potential and potential difference (iv) electric symbols and circuit diagram (v) ohms law (vi) factors affecting resistance	Exp-04 –To study I and V across a resistor and determine its resistor. Also plot a graph between V and I	-	-

		(vii) Numericals Exp-04			
September (22)		Half Yearly Exams		-	-
October (17)	Science NCERT/Together with Science Lab Manual JPH	Ch- Electricity Sub topic:- (i) combination of resistors (ii) heating effect of current (iii) application of heating effect of electric current (iv) electric power (vi) Numericals	-	-	-
November (17)	Science NCERT/Together with Science Lab Manual JPH	Ch- Magnetic Effect Of Current Sub topic:- (i) magnetic field lines (ii) Magnetic field due to a current carrying conductor (iii) Right hand Thumb Rule (iv) Force on a current carrying conductor in magnetic field	-	C.T- 2	-
December (23)	Science NCERT/Together with Science Lab Manual JPH	Ch- Magnetic Effect Of Current Sub topic:- (i) Electric motor (ii) Electromagnetic Induction (iii) Electric Generator (iv) Numericals Exp-8, 11	-	P.T- 2	-
January (19)	Science NCERT/Together with Science Lab Manual JPH	Ch- Sources of Energy Sub topic:- (i) What is good source of energy (ii) Conventional source of energy (a) fossil fuels (b) thermal power plant (c) hydro power plant (d) biomass (e) wind energy	-	P.T- 3	-
February	Science NCERT/Together with Science Lab Manual JPH	Ch- Sources of Energy Sub topic:- (i) Non conventional source of energy (a) solar energy (b) energy from sea (c) geothermal energy (d) nuclear energy (ii) environmental consequences	-	-	
March (20)		<u>Revision for Annual Exam</u>		<u>Annual Exam</u>	-
Subject – Social Science					
April (14)	History Geography JPH	Ch-1 The rise of nationalism in Europe Ch-1 Resources & Development Extra questions	Flow chart Source based question	-	-
May (12)	History Economics JPH	Ch-2 Nationalism in India Ch-1 Development Extra questions /Maps	Important Dates Assignment	C.T.- 1	-
July (21)	History Geography	Ch-3 The making of global world Ch-4 Agriculture	Flow chart – Different crops grown in different part of India	P.T.- 1	-

	Political Science Economics JPH	Ch-2 Federalism Ch-2 Sectors of Indian Economy Map work, Extra questions	collage		
August (20)	Geography Civics Political Science Economics JPH	Ch-3 Water resources (Map only) Ch-5 Minerals and energy resources (Map only) Ch-6 Manufacturing Industries Ch-6 Political Parties Ch-3 Money & Credit Map work, Extra questions	Research -How other countries are using their resources for development without harming nature Activity - Write developments of political parties in India	-	-
September (22)		Revision		Half Yearly Exams	-
October (17)	Geography Political Science JPH	Ch-7 Lifelines of national economy Ch-7 Outcomes of Democracy Maps, Extra work	Case Study	-	-
November (17)	Economics JPH	Ch-4 Globalization and the Indian economy Extra question – Answer	Case Study	C.T.- 2	-
December (23)		Revision work	-	P.T.- 2	-
January (19)		Revision work	-	P.T.- 3	-
Subject - IT					
April (14)	Information Technology	Part A: Employability Skills Ch-1 Communication skills Session 1 Methods of communication Session 2 Descriptive & Specific feedback Session 3 Effective Communication Session 4 Basic Writing Skills	-	-	-
May (12)	Information Technology	Part B: Subject Specific Skills Ch-6 Digital Documentation (Advanced) Session 1 Start the word processing applications Session 2 Create and apply style sheets in document Session 3 Insert & use images in document Session 4 Create & use templates Session 5 Create & customize table of contents Session 6 Implement mail merge	Insert an image to document & use resize, crop & modify, delete an image Create table of contents & apply character styles	C.T.- 1	-
July (21)	Information Technology	Part A: Ch-2 Self management Skills II Session 1 Apply stress management techniques Part B: Ch-7 Electronic spread sheet (Advanced) Session 1 Introduction to spread sheet	-	-	-

		Session 2 Analyse data using scenarios & goal seek			
August (20)	Information Technology	Part B: Ch-7 Electronic spread sheet Session 3 Link Data & spreadsheets Session 4 Share & review a spreadsheet Session 5 Create & use macros in spreadsheet Part A: Ch-3 ICT Skills II Session 1 Distinguish b/w different operating system Session 2 Apply basic skills for care & maintenance of computer	-	-	-
September (22)	Information Technology	Half Yearly Exams		-	-
October (17)	Information Technology	Part B: Ch-8 Data base management system Session 1 Data base concepts Session 2 Create & Edit tables using wizard & SQL Commands Session 3 Perform operations on table Session 4 Retrieve data using query Session 5 Creating forms & reports using wizard Part A: Ch-4 Entrepreneurial skills II Session 1 Characteristics of successful entrepreneur	-	-	-
November (17)	Information Technology	Part B: Ch- 9 Web applications & Security Session 1 Working with accessibility options Session 2 Understanding networking fundamentals Session 3 Introduction to Instant messaging Session 4 Chatting with a contact Google talk Session 5 Creating & Publishing web Pages Blog Session 6 Using offline Blog editor Session 7 Online transactions Session 8 Internet security Session 9 Maintain workplace safety Session 10 Prevent accidents & emergencies Session 11 Protect health & safety at work Part A : Ch- 5 Green Skills II Session 1 Importance, Problems & Solutions	-	-	-
December (23)	Information Technology	I Pre – Board Exams	-	-	-
January (19)	Information Technology	II Pre – Board Exams	-	-	-

Subject –Art & Craft

April (14)	No Book	1) Monochromatic colour textures 2) Still life study 3) Still life with pencil colours, 4) Still life with water colour	-	-	-
May (12)	No Book	1) Nature study 2) Rendering of different leaves, 3) Animal study rendering of a bird	-	-	-
July (21)	No Book	Landscape – 1) Village Scene 2) Waterfall Station 3) City Scene	-	-	-
August (20)	No Book	Composition 1) Market picture 2) Dancing girl (3) Holi festival (4) Balloon man with colour	-	-	-
October (17)	No Book	1) Say no to plastic bags 2) Save the girl child (3)Swachh Bharat Abhiyan 4) Save environment	-	-	-
November (17)	No Book	1) Study of human (2) Human characters 3) Portrait sketch	-	-	-
December (23)	No Book	1) Mosaic Art (2) Folk Art (3) Rangoli	-	-	-
January (19)	No Book	Cartoons -: 1) Human characters (2) Bird (3) Animals	-	-	-
February (20)	No Book	(1) Mehendi Design (2) Nail Art 3) Fabric painting	-	-	-