

**ITBP PUBLIC SCHOOL, DWARKA,
CLASS: X (2024-25)
ANNUAL PLANNER**

SUBJECT: ENGLISH

MONTH	TOPICS	ACTIVITY
MARCH	First Flight: 1. A Letter to God, Poem: Dust of Snow, Fire and Ice Footprints without feet: 1. A Triumph of Surgery 2. The Thief's Story	Group Discussion- Faith
APRIL	First Flight: 2. Nelson Mandela – a long walk to freedom, Poem: A tiger in the zoo, Amanda Footprints without feet: 3. The Midnight Visitor 4. A Question of Trust	Declamation
MAY	Grammar: Subject Verb Agreement First Flight: 3. Two stories about flying Poem: How to tell Wild Animals Footprints without feet: 5. Footprints without feet	Travelling brochure on Andaman & Nicobar Islands
JULY	WRITING: Letter to the Editor Grammar: Determiners First Flight: 4. From the Diary of Anne Frank, Poem: The Ball Poem Footprints without Feet: 6. The making of a Scientist	A game on Determiners
AUGUST	Grammar: Modals, Writing: Complaint Letter and Analytical Paragraph First Flight: Glimpses of India, Poem: The Tale of Custard the Dragon, Footprint without feet: 7. The Necklace, 8. Bholi Revision: Mid Term Exam	Fact file for Coorg and Assam
SEPTEMBER	MID TERM EXAM	
OCTOBER	Writing: Order Placement Letter/Enquiry letter, First Flight: 6. Mijbil the otter, 7. Madam rides the bus 8. The Sermon at Benaras, Poem: Fog, The Trees,	Speaking activity: Relate the sermon at Benaras with real life or share personal experience

NOVEMBER	First flight: The Proposal, Poem: For Anne Gregory Footprints without feet: 9. The Book that saved the Earth, Grammar: Reported Speech	Role Play
DECEMBER	REVISION and PREBOARD	

SUBJECT: MATHS

Months	Chapters
March and April	Chapter 1 “Real Numbers” Chapter 2 “Polynomial” Chapter 3 “A Pair of Linear Equations in Two Variables” (Introduction)
May	UT 1 - Chapters 1, 2 Chapter 3 “A Pair of Linear Equations in Two Variables” Chapter 14 “Probability”
July	Chapter 7 “Co-ordinate Geometry” Chapter 4 “Quadratic Equations” Chapter 5 “Arithmetic Progression” (n th term of A.P.)
August	UT 2 Chapter – 4, 7 and 14 Chapter 5 “Arithmetic Progression” (Sum of n terms of A.P.) Chapter 8 “Introduction to Trigonometry”
September	Half Yearly Exam Chapters- 1, 2, 3, 4, 5, 7, 8, 14
October	Chapter 9 “Applications of Trigonometry” Chapter 6 “Triangles” Chapter 14 “Statistics”
November	UT 3, Chapter – 6 and 9 Chapter 10 “Circles” Chapter 11 “Areas related to Circles” Chapter 12 “Surface Areas and Volumes”
December	Revision And Pre Board
January	Revision And Pre Board
February	Revision And Pre Board Revision for Annual exams

SUBJECT: PHYSICS

MONTHS	CHAPTER/UNITS	TOPICS	ASSIGNMENT / WORKSHEET
APRIL-MAY	<ul style="list-style-type: none"> LIGHT: REFLECTION AND REFRACTION 	<ul style="list-style-type: none"> Reflection of light by curved surfaces; Images formed by spherical mirrors, centre of curvature, principal axis, principal focus, focal length, mirror formula (Derivation not required), magnification. Refraction; Laws of refraction, refractive index. Refraction of light by spherical lens; Image formed by spherical lenses; Lens formula (Derivation not required); Magnification. Power of a lens, applications of spherical mirrors and lenses. 	Assignment
JULY-AUGUST	<ul style="list-style-type: none"> HUMAN EYE AND COLOURFUL WORLD 	<ul style="list-style-type: none"> Functioning of a lens in human eye, defects of vision and their corrections, applications of spherical mirrors and lenses. Refraction of light through a prism, dispersion of light, scattering of light, applications in daily life (excluding colour of the sun at sunrise and sunset). 	Assignment
SEPTEMBER-OCTOBER	<ul style="list-style-type: none"> EFFECTS OF CURRENT 	<ul style="list-style-type: none"> Electric current, potential difference and electric current. 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. 	Assignment
NOVEMBER	<ul style="list-style-type: none"> MAGNETIC EFFECTS OF CURRENT 	<ul style="list-style-type: none"> Magnetic field, field lines, field due to a current carrying conductor, 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. 	Assignment
DEC		REVISION	
JAN		REVISION	

SUBJECT: BIOLOGY

MONTH	SYLLABUS
APRIL	Life Processes
MAY	Life Processes (continued)
JUNE	SUMMER VACATION
JULY	Control & Co-ordination
AUGUST	How do organisms reproduce
SEPTEMBER	Heredity and Evolution
OCTOBER	Our Environment
NOVEMBER	REVISION
DECEMBER	PRE BOARD I
JANUARY	PRE BOARD II
FEBRUARY	BOARD EXAMS

SUBJECT: CHEMISTRY

MONTHS	CHAPTER/UNITS	TOPICS	ASSIGNMEN / WORKSHEE
APRIL-MAY	<ul style="list-style-type: none"> Chemical Reactions and equations 	<ul style="list-style-type: none"> Chemical changes, balancing a chemical equation, types of chemical reactions, effects of oxidation and reduction in daily life, corrosion, rancidity. 	Assignment
JULY- AUGUST	<ul style="list-style-type: none"> Acids, bases and salts 	<ul style="list-style-type: none"> Acids, properties of acids, bases, properties of bases, dilution, comparison of relative acidic and basic strengths, universal indicators, pH scale, salts, classification of salts, sodium chloride, caustic soda, baking soda, bleaching powder, plaster of paris 	Assignment
SEPTEMBER OCTOBER	<ul style="list-style-type: none"> Metals and Non-metals 	<ul style="list-style-type: none"> Metals, properties of metals, non metals, properties of non metals Chemical properties of metals and non metals, ionic compounds, metallurgy, refining of metals, corrosion, 	Assignment
NOVEMBER	Carbon and it's compounds	<ul style="list-style-type: none"> Covalent bond, homoatomic and heteroatomic molecules, allotropy of carbon, catenation, isomerism, functional group, homologous series, nomenclature, chemical properties of carbon compounds, some organic compounds, soap and detergents. 	Assignment
DEC		REVISION	
JAN		REVISION	

SUBJECT: GEOGRAPHY

MONTH	CHAPTER NAME	SUB TOPIC	ASSIGNMENT
April	Chapter 1 Resource and Development	Resources Classification of Resources Origin – Biotic & Abiotic Ownership Exhaustibility Status of Development Resource Development Resource Planning Land Resources Land Use Pattern in India Land Degradation and Conservation Soil as a Resource Classification of Soil Soil Erosion and Soil Conservation	Practice Questions
May	Forest and Wildlife Resources	Flora And Fauna Classification of species based on IUCN Negative Factors that Affect Species Protection of Forest and Wildlife Types of Forest and Wildlife Resources Community And Conservation	Practice Questions
July	Water Resources	Water Scarcity Need for Water Conservation and Management Hydraulic Structure of Ancient India Multipurpose River Projects and Integrated Water Resources Management Rainwater Harvesting	Practice Questions
August	Agriculture	Types of Farming Primitive Subsistence Farming Intensive Subsistence Farming Commercial Agriculture Commercial Farming Cropping Patterns Rabi Crops Kharif Crops Zaid Crops Major Crops in India Food Crops Non-Food Crops Technical and Institutional Reforms in the Field of Agriculture Contributions of Agriculture	Practice Questions

SUBJECT: HISTORY

MONTHS	TOPICS	SUB TOPICS	ASSIGNMENT/ WORKSHEET/MAP WORK
MARCH	Chapter: Nationalism in India	- The First World War, Khilafat, and Non-Cooperation - The Salt March and the Civil Disobedience Movement	Assignment Map Work
APRIL	Chapter: Nationalism in India	- The Sense of Collective Belonging - The Limits of Civil Disobedience	Assignment Map Work
MAY	Chapter: Print Culture and the Modern World	The First Printed Books - Print Comes to Europe - The Print Revolution and Its Impact	Assignment
JULY	Chapter: Print Culture and the Modern World	- The Reading Mania - The Nineteenth Century - India and the World of Print	Assignment Map Work
AUG	Chapter: The Making of a Global World	- The Pre-modern World - The Nineteenth Century (1815-1914)	Assignment
SEP	Chapter: The Rise of Nationalism in Europe	Introduction to Nationalism in Europe - The French Revolution and the Idea of the Nation - The Making of Nationalism in Europe - The Age of Revolutions: 1830-1848	Assignment Map Work
OCT	Chapter: The Rise of Nationalism in Europe	The Unification of Germany and Italy - Visualizing the Nation - Nationalism and Imperialism	Assignment Map Work

SUBJECT: POLITICAL SCIENCE

MONTH	CHAPTER NAME	SUB TOPIC	ASSIGNMENT
April	POWER SHARING	-Importance of Power Sharing – Case Studies of Belgium and Sri Lanka - Majoritarianism in Belgium and Sri Lanka	1.Role Play 2.Written test 3. HW notebook
May	POWER SHARING	- Accommodation in Belgium -Different forms of Power Sharing	Practice Questions
July	FEDERALISM	- What make India a Federal Country? – Features of federalism - Differentiate between a federal and a unitary government - Criteria of federalism - Linguistic states - Language policy - Centre-state relations -Decentralization in India	Written Test HW Notebook Mind map of the lesson through themes
August	GENDER, RELIGION AND CASTE -	Existence of gender division in society - Sexual division of labour - Women’s political representation -Religion, Communalism and Politics -Caste and Politics	Written test, Oral test, Chart making
September	POLITICAL PARTIES -	Why do we need Political Parties? – How many Parties should we have? – National Political Parties -State Parties	Written test, Oral test, Chart making
October	POLITICAL PARTIES -	-Challenges to Political Parties -How Can Parties be reformed	Practice Questions

November	OUTCOMES OF DEMOCRACY	OUTCOMES OF DEMOCRACY -How do we assess democracy's outcomes? -Accountable, responsive and legitimate government -Economic growth and development -Reduction of inequality and poverty -Accommodation of social diversity -Dignity and freedom of the citizens	•1. Written test 2. Debate on Democracy Vs. Nondemocracy 3. HW Notebook
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SUBJECT: INFORMATION TECHNOLOGY (402)

MONTH	TOPICS	ACTIVITY
APRIL	UNIT : Communication Skills- II UNIT : Self – Management Skills -II	Group activities
MAY	UNIT : ICT Skills - II	Infography
JULY	UNIT : Entrepreneurial Skills –II UNIT : Green Skills –II	Presentation (PPT)
AUGUST	UNIT : Digital documentation Revision: Mid Term Exam	Mail Merge
SEPTEMBER	MID TERM EXAM	
OCTOBER	UNIT : Electronic spreadsheet	Charts on monthly spreadsheet
NOVEMBER	UNIT : Database Management System Unit: Web Application and security	Report. Form and Queries on table
DECEMBER	REVISION and PREBOARD	

SUBJECT: HINDI

पुस्तकें : स्पर्श भाग 2
संचयन भाग 2
व्याकरण दर्शिका

प्रथम सत्र अप्रैल 2024 - अगस्त 2024

अप्रैल - मई

स्पर्श गद्य पाठ 1 बड़े भाई साहब
पाठ 2 डायरी का एक पन्ना
पाठ 3 तर्तारा बामीरो कथा

पद्य पाठ 1 कबीर की साखियाँ
पाठ 2 मीरा के पद

व्याकरण मुहावरे , समास

रचनात्मक लेखन : अनुच्छेद लेखन, पत्र लेखन (औपचारिक), सूचना लेखन (प्रारूप)
लघुकथा लेखन (प्रारूप)

संचयन: पाठ1. हरिहर काका

जुलाई

स्पर्श गद्य पाठ-4 तीसरी कसम के शिल्पकार शैलेंद्र

व्याकरण समास, वाक्य रूपांतरण

रचनात्मक लेखन औपचारिक पत्र

अगस्त

स्पर्श गद्य पाठ 6 अब कहाँ दूसरों के दुख से दुखी होने वाले

पद्य पाठ 4 मनुष्यता
पाठ 5 पर्वत प्रदेश में पावस

संचयन पाठ 2 सपनों के से दिन

लेखन विज्ञापन लेखन

सितंबर पुनरावृत्ति कार्य ,कक्षा परीक्षाएँ एवं अर्धवार्षिक परीक्षा

द्वितीय सत्र - अक्टूबर 2024 से मार्च 2025

अक्टूबर – नवंबर

स्पर्श गद्य पाठ 7 पतझड़ में टूटी पत्तियाँ (गिन्नी का सोना और झेन की देन)
पाठ 8 कारतूस

पद्य पाठ 7 तोप
पाठ 8 कर चले हम फिदा
पाठ 9 आत्मत्राण

संचयन पाठ 3 टोपी शुक्ला

व्याकरण पदबंध
लेखन ई- मेल लेखन

दिसंबर से फ़रवरी- पुनरावृत्ति एवं परीक्षाएँ

परीक्षा पाठ्यक्रम - सी.बी.एस.ई का समस्त पाठ्यक्रम

पूर्व बोर्ड परीक्षा - सी.बी.एस.ई का समस्त पाठ्यक्रम

गतिविधि

नवम्बर (i) श्रवण कौशल (नवम्बर)
(ii) बहुमूल्यांकन (1) कविता वाचन (2) भाषण
(3) नाटिका (4) हास्य कवि सम्मेलन
(5) नुक्कड़ नाटक

3. पोर्टफोलियो (जून)

4. परियोजना कार्य के अंतर्गत – अंडमान, निकोबार, लक्षद्वीप (दिसंबर)

(i) कोई गीत (ii) पारंपरिक वेषभूषा पर लेख