



DELHI PUBLIC SCHOOL ONGC, NAZIRA

(Under the aegis of the DPS Society, New Delhi)

[School No. 35121]

C.B.S.E. Affiliation No.: 230033

Class: X.

SYLLABI FOR THE SESSION: 2024-2025

Subject: English Language and Literature (184)

Text Books : First Flight

Footprints Without Feet

Words and Expressions – II (Workbook for Class X) – Units 1 to 4 and Units 7 to 11

Month	Topics
April	A Letter to God, <i>Dust of Snow</i> , <i>Fire and Ice</i> , A Triumph of Surgery IGP, Words and Expressions – II (Workbook for Class X) – Unit 1 Reading Skill(Discursive passage) Writing a Formal Letter based on a given situation, in 100-120 words.
May	Nelson Mandela - Long Walk to Freedom, <i>A Tiger in the Zoo</i> , The Thief's Story, The Midnight Visitor IGP, Words and Expressions – II (Workbook for Class X) – Unit 2 Reading Skill(Case based passage with visual input- statistical data, chart etc.) Writing an Analytical Paragraph in100-120 words on a given Map/Chart/Graph/Cue/s.
June	Two Stories About Flying, <i>How to Tell Wild Animals</i> , <i>The Ball Poem</i> , A Question of Trust IGP, Words and Expressions – II (Workbook for Class X) – Unit 3 Reading Skill(Discursive passage)
July	IGP, Words and Expressions – II (Workbook for Class X) – Unit 4 Reading Skill(Case based passage with visual input- statistical data, chart etc.)
August	From the Diary of Anne Frank, <i>Amanda!</i> , <i>The Trees</i> , Footprints Without Feet Writing a Formal Letter based on a given situation, in 100-120 words. IGP, Words and Expressions – II (Workbook for Class X) – Unit 7
September	Glimpses of India, Mijbil the Otter, <i>Fog</i> , The Making of a Scientist IGP, Words and Expressions – II (Workbook for Class X) – Unit 8 Reading Skill(Discursive passage) Writing an Analytical Paragraph in100-120 words on a given Map/Chart/Graph/Cue/s.
October	Madam Rides the Bus, <i>The Tale of Custard the Dragon</i> , <i>For Anne Gregory</i> , The Necklace IGP, Words and Expressions – II (Workbook for Class X) – Unit 9 Reading Skill(Case based passage with visual input- statistical data, chart etc.) Writing a Formal Letter based on a given situation, in 100-120 words.
November	The Sermon at Benares, Bholi, The Book That Saved the Earth IGP, Words and Expressions – II (Workbook for Class X) – Unit 11 Reading Skill(Discursive passage) Writing an Analytical Paragraph in100-120 words on a given Map/Chart/Graph/Cue/s.
December	The Proposal (Play)
January	Revision/PreBoard
February	Revision/PreBoard
March	AISSE-2025

Please note that IGP is based on the following:

Determiners, Tenses, Modals, Subject – verb concord, Reported speech (Commands and requests/Statements/Questions)

Subject : HINDI (Course B)

Subject Tr : JP S

Text Book : 1.Sparsh Bhag II (Dwitiya Bhasha) Pathyapustak, Course B
2. Sanchayan Bhag-1 (Dwitiya Bhasha), Purak Pathyapustak, Cours

Month	Topics
April	1.बड़े भाई साहब 2. कबीर की सा खयाँ 3.समास 4.रचना के आधार पर वाक्य रूपांतर 5. अपठित गद्यांश
May	1.डायरी का एक पन्ना 2. मीरा के पद 3. पदबंध 4.हरिहर काका 5. अनुच्छेद लेखन,
June	1.ततौरा वामीरो कथा 2.मनुष्यता 3.पत्र-लेखन(औपचारिक) 4.सूचना-लेखन 5. मुहावरे
July	Summer Vacation
August	1.पर्वत प्रदेश में पावस 2. तीसरी कसम के शल्पकार शैलेंद्र 3. वज्ञापन-लेखन 4. लघु कथा लेखन 5.सपनों के से दिन 6. ई. मेल लेखन
September	अर्ध वा र्षक परीक्षा
October.	1.कारतूस 2.पतझड़ में टूटी प त्तयाँ 3.कर चले हम फदा 4 .तोप
November	1.आत्मत्राण 2.टोपी शुक्ला 3. अब कहाँ दूसरों के दुख में दुखी होने वाले
Dec.	पुनरीक्षण
January	पुनरीक्षण
Feb.	AISSE-2024-25
March	AISSE-2024-25

Subject: Mathematics

Subject Tr : Samata C

Text Book : Mathematics: A Textbook for – X

Reference Book: Exemplar Mathematics, NCERT
Mathematics by R D Sharma

Month	Topics
April	Real numbers, Polynomials Maths Lab Activity: To draw the graph of a quadratic polynomial and observe its shape.
May	Pair of Linear equation in two variables, Quadratic Equations Multiple Assessment
June	Arithmetic Progression, Triangles, Coordinate Geometry Math Lab Activity: To identify Arithmetic Progressions in some given lists of numbers (patterns).
August	Trigonometry, Statistics Multiple Assessment Maths Lab Activity: To verify the distance formula by graphical method.
September	Half Yearly Examination
October	Circles, Height and Distance Multiple Assessment
November	Area of circles, Surface area and Volumes. EBSB
December	Probability
January	Revision
February	Board Exam
March	AISSE-2025

Subject: Physics

Subject Tr : Ms. Dikshita Saikia

Text Book : 1. Science-X

Month	Topics
April	Chap 12:Electricity
May	Chap 12:Electricity, Chap 13:Magnetic effects of Electric Current
June	Chap 13: Magnetic effects of Electric Current
July	SUMMER BREAK
August	Chap 10:Light-Reflection and Refraction
September	HALF YEARLY EXAM
October	Chap 11:Human Eye and Colourful World
November	Chap 11: Human Eye and Colourful World
December	Revision, Mock Test
January	Revision, Pre-board 1 Exam
February	Pre-board2 Exam, Practical Exam.
March	AISSE-2023-2025

Subject: Chemistry

Subject Tr : Mr. Nilkamal Goswami

Text Book : 1. Science-X

Month	Topics
April	Chap 1:Chemical reactions and equations
May	Chap 1:Chemical reactions and equations
June	Chap 2:Acids, Bases and salts
July	SUMMER BREAK
August	Chap 2:Acids, Bases and salts Chap 3:Metals and nonmetals
September	HALF YEARLY EXAM
October	Chap 4:Carbon and its compounds
November	Chap 4: Carbon and its compounds
December	Revision, Mock Test
January	Revision, Pre-board Exam.
February	Pre-board Exam, Practical Exam.
March	AISSE-2025

Subject: Biology

Subject Tr: Ms. Trishna Dutta

Text Book : 1. Science-X

Month	Topics
April	Digestion Chap 6 : Life Processes
May	Chap 6:Life Processes (Contd.....)
June	Chap 7:Control and Coordination
July	Summer Break Chap : 16 Management of Natural Resources (WRITE-UP PREPARATION)
August	Chap 7:Control and Coordination
September	Chap 8: How do Organisms Reproduce? HALF YEARLY EXAM
October	Chap 9:Heridity

November	Chap 15:Our Environment REVISION
December	PRE-BOARD I EXAM
January	REVISION + PRE-BOARD II EXAM
February	Practical Exam + AISSE -2025
March	AISSE-2025

Subject : Social Science (History)

Subject Tr : Binita P G/Indrani Borthakur/ Sahana H

Books : India and the contemporary world -II

<i>Month</i>	<i>Topics</i>
<i>April</i>	The Rise of Nationalism in Europe
<i>May</i>	The Rise of Nationalism in Europe (cont.). The Age of Industrialisation (For Periodic Assessment only)
<i>June</i>	Nationalism in India
<i>July</i>	Summer Vacation
<i>August</i>	Nationalism in India (cont) The Making of a Global World (Sub-topic 1 to 1.3) Pre modern to conquest ,disease and trade <i>For Interdisciplinary project :Subtopic 2 to 4.4</i>
<i>September</i>	Half Yearly Examination
<i>October</i>	Print Culture And the Modern World
<i>November</i>	Print Culture And the Modern World(contd)
<i>December</i>	Revision and Preboard 1
<i>January</i>	Revision and Preboard 2
<i>February</i>	Revision
<i>March</i>	AISSE 2024-2025

Subject : Social Science (Political Science)

Subject Tr : Binita P G/Indrani Borthakur / Sahana H

Books : Democratic Politics -II

<i>Month</i>	<i>Topics</i>
<i>April</i>	Power Sharing
<i>May</i>	Federalism
<i>June</i>	Federalism cont..
<i>July</i>	Summer Vacation
<i>August</i>	Gender, Religion and Caste
<i>September</i>	Half Yearly Examination
<i>October</i>	Political Parties
<i>November</i>	Outcome of Democracy
<i>December</i>	Revision and Preboard
<i>January</i>	Revision and
<i>February</i>	Revision
<i>March</i>	AISSE-2024-2025

<i>Month</i>	<i>Topics</i>
<i>April</i>	1. Resources and Development: <input type="checkbox"/> Concept <input type="checkbox"/> Development of Resources <input type="checkbox"/> Resource Planning Resource Planning in India, Conservation of Resources <input type="checkbox"/> Land Resources <input type="checkbox"/> Land Utilization <input type="checkbox"/> Land Use Pattern in India
<i>May</i>	1. Resources and Development <input type="checkbox"/> Land Degradation and Conservation Measures <input type="checkbox"/> Soil as a Resource- Classification of Soils, Soil Erosion and Soil Conservation (excluding Box Information on State of India’s Environment) . 2. Forest and Wildlife <input type="checkbox"/> Conservation of forest and wildlife in India <input type="checkbox"/> Types and distribution of forests and wildlife resources <input type="checkbox"/> Community and Conservation Map skill Chapter 1: Resources and Development (Identification only) a. Major soil Types
<i>June</i>	3. Water Resources: <input type="checkbox"/> Water Scarcity and The Need for Water Conservation and Management <input type="checkbox"/> Multi-Purpose River Projects and Integrated Water Resources Management <input type="checkbox"/> Rainwater Harvesting Map Chapter 3: Water Resources (Locating and Labelling) Dams: a. Salal b. Bhakra Nangal c. Tehri d. Rana Pratap Sagar e. Sardar Sarovar f. Hirakud g. Nagarjuna Sagar h. Tungabhadra 4. Agriculture: <input type="checkbox"/> Types of Farming– Primitive Subsistence, Intensive Subsistence, Commercial <input type="checkbox"/> Cropping Pattern – Major Crops, Food Crops other than Grains, Non Food Crops,
<i>July</i>	Summer Vacation
<i>August</i>	Technological and Institutional Reforms <input type="checkbox"/> Food Security (excluding impact of globalization on agriculture) Map Chapter 4: Agriculture (Identification only) a. Major areas of Rice and Wheat b. Largest / Major producer states of Sugarcane, Tea, Coffee, Rubber, Cotton and Jute 5. Minerals and Energy Resources <input type="checkbox"/> What is a mineral? <input type="checkbox"/> Mode of occurrence of Minerals- Where are these minerals found?, Ferrous Minerals, Non-Ferrous Minerals, Non-Metallic Minerals, Rock Minerals <input type="checkbox"/> Conservation of Minerals <input type="checkbox"/> Energy Resources- Conventional Sources of Energy, Non-Conventional Sources of Energy <input type="checkbox"/> Conservation of Energy Resources Chapter 5: Minerals and Energy Resources Map skill Minerals (Identification only) a. Iron Ore mines <input type="checkbox"/> Mayurbhanj <input type="checkbox"/> Durg <input type="checkbox"/> Bailadila <input type="checkbox"/> Bellary <input type="checkbox"/> Kudremukh b. Coal Mines <input type="checkbox"/> Raniganj <input type="checkbox"/> Bokaro <input type="checkbox"/> Talcher <input type="checkbox"/> Neyveli c. Oil Fields <input type="checkbox"/> Digboi <input type="checkbox"/> Naharkatia <input type="checkbox"/> Mumbai High <input type="checkbox"/> Bassien <input type="checkbox"/> Kalol <input type="checkbox"/> Ankaleshwar Power Plants (Locating and Labelling only) a. Thermal <input type="checkbox"/> Namrup <input type="checkbox"/> Singrauli <input type="checkbox"/> Ramagundam b. Nuclear <input type="checkbox"/> Narora <input type="checkbox"/> Kakrapar <input type="checkbox"/> Tarapur <input type="checkbox"/> Kalpakkam
<i>September</i>	Half yearly
<i>October</i>	6. Manufacturing Industries: <input type="checkbox"/> Importance of Manufacturing- Industrial Location (excluding Industry Market Linkage), Agro based Industry (excluding Cotton Textiles, Jute Textiles, Sugar Industry), Mineral based Industries (excluding Iron Steel Industry, Cement Industry), Industrial Pollution and Environmental Degradation, Control of Environmental Degradation Map skill Chapter 6: Manufacturing Industries (Locating and Labelling Only) Software Technology Parks: a. Noida b. Gandhinagar c. Mumbai d. Pune e. Hyderabad f. Bengaluru g. Chennai h. Thiruvananthapuram
<i>November</i>	7. Life Lines of National Economy: Lifelines of National Economy 3 1 To be evaluated in the Board Examination: <input type="checkbox"/> Road ways to Railways only

	<p>Inter disciplinary Project: <input type="checkbox"/> From Pipelines to Tourism as a Trade</p> <p>Major Ports: (Locating and Labelling) a. Kandla b. Mumbai c. Marmagao d. New Mangalore e. Kochi f. Tuticorin g. Chennai h. Vishakhapatnam i. Paradip j. Haldia</p> <p>International Airports: a. Amritsar (Raja Sansi - Sri Guru Ram Dass jee) b. Delhi (Indira Gandhi) c. Mumbai (Chhatrapati Shivaji) d. Chennai (Meenam Bakkam) e. Kolkata (Netaji Subhash Chandra Bose) f. Hyderabad (Rajiv Gandhi)</p> <p><i>Note: Items of Locating and Labelling may also be given for Identification.</i></p>
December	Revision and Mock Test
January	Revision and Preboard
February	Revision and Preboard 2
March	AISSE-2025

Subject : Social Science (Economics)

Subject Tr : Suma Das

Books : Understanding economic development

Month	Topics
April	Story of Development
May	Story of Development (Cont)
June	Sectors of Indian Economy
July	Summer Vacation
August	Sectors of Indian Economy, Money and Credit
September	Half Yearly Exam
October	Money and Credit, Globalisation
November	Globalisation, Consumer Rights
December	Revision and Mock Test
January	Revision and Preboard
February	Revision and Preboard 2
March	AISSE-2024-2025

Subject: Assamese

Subject Tr. Kasturima Bharali

Text Book : 1. Axomia Sahitya Chayanika

2. 2. Rachana Bichitra (Byakaronor Soite) Dharma Singha Deka

Month	Topics
April	বৰগীত, গল্প লিখন
May	উপসৰ্গ আৰু অনুসৰ্গ, উদ্যোগী হওঁ আহা
June	অনুকাৰ আৰু অনুৰূপ শব্দ, অসমৰ জনগোষ্ঠীৰ গাথনি আৰু সংস্কৃতি
July	গৰম বন্ধ
August	জতুৰা খণ্ডবাক্যৰে বাক্য ৰচনা, ফকৰা যোজনা
September	কাল, জিকিৰ, বিপৰীত শব্দ
October	প্ৰসস্তি, বাক্য পৰিবৰ্তন
November	ধাতু (মৌলিক আৰু যৌগিক), ব্যক্তিগত চিঠি.
December	অৰণ্যযাত্ৰা, সমার্থক শব্দ, প্ৰতিবেদন প্ৰস্তুতকৰণ

January	পুণৰাবৃত্তি
February	পুণৰাবৃত্তি
March	পুণৰাবৃত্তি

Subject: Information Technology (402)

Subject Tr. Arunima KB/Rajita B/Krishna RK

Text Book : CBSE Module

Class : X

Month	Topics
April	Unit 3: ICT Skills-II- (Part-A) Unit 2: Self-Management Skills-II- (Part-A)
May	Unit 2: Continuation of Self-Management Skills-II- (Part-A) Unit 1: Digital Documentation (Advanced)- (Part-B) Advanced Documentation-(Part C)- Practical
June	Unit 1: Communication Skills-II* - (Part-A) Unit 2: Electronic Spreadsheet (Advanced) -(Part B) Advanced Spreadsheets-(Part C)- Practical
July	Summer Vacation
August	Unit 3: Database Management System-(Part-B) Databases -(Part C)- Practical
September	Half Yearly/Term-I Assessment
October	Unit 4: Web Applications and Security -(Part B) Databases -(Part C)- Practical
November	Unit 5:Green Skills-II*(Part-A) Unit 4: Entrepreneurial Skills-II- (Part-A)
December	Practical Exam Mock Test
January	Pre Board
February	Preparatory days/CBSE Exam
March	CBSE Exam

Subject: Artificial Intelligence (417)

Subject Tr. Arunima KB/Rajita B/Krishna RK

Text Book : CBSE Module

Class : X

Artificial Intelligence (TouchPad)- Orange Publication

Month	Topics
April	Unit 3: ICT Skills-II- (Part-A) Unit 2: Self-Management Skills-II- (Part-A)
May	Unit 2: Continuation of Self-Management Skills-II- (Part-A) Unit 1: Introduction to Artificial Intelligence (AI)- (Part-B)
June	Unit 4: Entrepreneurial Skills-II- (Part-A) Unit 3:Advance Python-(Part C) - Practical
July	Summer Vacation
August	Unit 3: Continuation of Advance Python-(Part C) – Practical Unit 2: AI Project Cycle-(Part B) Unit 1: Communication Skills-II* - (Part-A)
September	Half Yearly/Term-I Assessment
October	Unit 4: Data Science (Introduction, Applications of Data Sciences, Data Science: Getting Started (up to Data Access- Theory)) Unit 4: Data Science-(Part C) – Practical Unit 6:Natural Language Processing-(Part B) Unit 7:Evaluation-(Part B)
November	Unit 5: Computer Vision (Introduction, Applications of Computer Vision, Computer Vision: Getting Started (up to RGB Images- Theory)) -(Part B)

	Unit 5:Green Skills-II*(Part-A) Unit 5: Computer Vision-(Part C)- Practical
December	Practical Exam Mock Test
January	Pre Board
February	Preparatory days/CBSE Exam
March	CBSE Exam

Subject: Physical Education

Subject Tr. Sanjeev Kumar

Month	Topics
April	Badminton, Yoga, Table tennis, freehand exercises – Lunges, EBSB Oriented activity, Fitness Assessment.
May	Volley Ball, Yoga, cardio exercises,EBSB Oriented activity, Mental Fitness and Yoga
June	Kho-Kho, Nutrition Health and Sanitation (Theory), Muscle strengthening, Table Tennis, Pollution (Theory), yoga Art Integration Activity on International Yoga Day
July	Summer Vacation
August	Yoga, Promotion Healthy lifestyle (Theory), Lunges Fit India Freedom Run. Fundamental skills of various games.
September	Half yearly examination Revision
October	Cricket, Track & Field events, First Aid, cardio exercises, Fit India Plog Run.
November	Yoga, Balance Diet (Theory), Muscle strengthening, Annual Sports Day.
December	Track & Field Event, Yoga, Lunges, EBSB Oriented activity.
January	Cricket, Foot Ball, Practice of Various Games, Recreational Games, yoga, Fitness Assessment.
February	Revision, Prevention and Management of substance misuse (Theory), cardio exercises.
March	AISSE-2025

Subject: Yoga

Subject Tr:

Month	Topics
April	Sukshma Vyayama for neck ,face, hands, waist, legs and mantra chanting
May	Sukshma Vyayama of all the body parts Sun salutation and pranayama
June	Sun salutation meditative asanas, Yama, breathing technique, Sitting asanas
July	Summer Vacation
August	Niyama, Mantra chanting, Cultural asanas
September	Pranayama, tratak,
October	Kapalbhati and Bhastrika
November	Pranayama and meditation, cultural asanas
December	Pranayama and Shuddhi kriya,
January	Cultural asanas, Shithilikaran
February	Yama, Niyama, Mantra chanting, Cultural asanas
March	AISSE-2025

Subject: Music

Subject Trs. Mridula D, Tuntun H & Rupjyoti S

Month	Topics
April, May & June	Indian Hindustani Music: i. Jaunpuri ii. Yaman iii. Basant iv. MiyaMalhar
July	Summer Vacation

August	Indian Hindustani Music: i. Jaunpuri ii. Yaman iii. Basant iv. MiyaMalhar
September	Half Yearly Exam
October	Intra Class Activity
November	Annual Day Practice / Annual sports Day Practice
December	Annual Day
January	Inter House Activity (Based on Indian Raag)
February	Revision
March	Annual Exam

Subject: Work Education

Subject Tr: Jayanta Dhekial

Month	Topics
April	Nursery Work, Plantation, Irrigation, Grafting and Cutting EBSB Activity related to Grafting and cutting
May	File cover making EBSB Activity related to waste materials
June	Mat and Carpet weaving EBSB Activity related to Mat and Carpet making form old cloth
July	Summer Vacation
August	Paper bag and Envelope making
September	Paper bag and Envelope making EBSB Activity related to Envelop ,Paper bag making form old cloths
October	Hand Embroidery
November	First Aid/Fire Fight EBSB Activity related to safety
December	Jewellery making from old paper
January	Mask making from old paper Art Integration related to Assam mask
February	Revision
March	AISSE-2022

Subject: Visual Art

Subject Tr : Bijoy Gogoi

Month	Topics
April	Composition
May	Poster
June	Still life, Collage making and Mixed media
July	Summer Vacation
August	Contemporary designs
September	Sketching Figures
October	Landscape
November	Nature Study
December	Design- Card and Envelope
January	Graphic Art-Page layout and Typography
February	Revision And assessment
March	AISSE-2022

Signature of
Subject Teachers

Signature of
Academic Coordinator

Signature of
Principal