



Blue Angels Global School

A Recognised Sr. Secondary School, Affiliated to CBSE
Charmwood Village, Faridabad (Haryana)

PREBOARD II (2023-24) CLASS X

DATESHEET SESSION (2023-24)

SYLLABUS (Class X)

DATE & DAY	CLASS X
17.01.2024 (WEDNESDAY)	SOCIAL SCIENCE
20.01.2024 (SATURDAY)	MATH
23.01.2024 (TUESDAY)	SCIENCE
25.01.2024 (THURSDAY)	HINDI
27.01.2024 (SATURDAY)	COMPUTER APPLICATION
29.01.2024 (MONDAY)	ENGLISH

SYLLABUS CLASS X

SUBJECT	SYLLABUS
ENGLISH	<p>Section A Reading Skills</p> <p>I. Reading Comprehension through Unseen Passage 1. Discursive passage of 400-450 words. 2. Case-based factual passage (with visual input- statistical data, chart etc.) of 200-250 words.</p> <p>Section B Writing Skills and Grammar</p> <p>II Grammar</p> <ul style="list-style-type: none">• Determiners• Tenses• Modals• Subject – verb concord

- Reported speech
- Commands and requests
- Statements
- Questions

III Writing Skills

- Writing a Formal Letter based on a given situation, in 100-120 words
- Writing an Analytical Paragraph in 100-120 words on a given Map / Chart / Graph / Cue/ s

Section C

Language through Literature

1. FIRST FLIGHT

A. Prose- i. A Letter to God ii. Nelson Mandela - Long Walk to Freedom iii. Two Stories About Flying iv. From the Diary of Anne Frank v. Glimpses of India vi. Mijbil the Otter vii. Madam Rides the Bus viii. The Sermon at Benares ix. The Proposal (Play).

B. Poems 1. Dust of Snow 2. Fire and Ice 3. A Tiger in the Zoo 4. How to Tell Wild Animals 5. The Ball Poem 6. Amanda! 7. The Trees 8. Fog 9. The Tale of Custard the Dragon 10. For Anne Gregory.

2. FOOTPRINTS WITHOUT FEET

1. A Triumph of Surgery 2. The Thief's Story 3. The Midnight Visitor 4. A Question of Trust 5. Footprints Without Feet 6. The Making of a Scientist 7. The Necklace 8. Bholi 9. The Book that Saved the Earth.

HINDI

साहित्य- गद्य खंड -पाठ बड़े भाई साहब, जायरी का एक पत्रा, अब कहां दूसरों के दुख में दुखी होने वाले, ततौरा वामीरो कथा, तीसरी कसम के शिल्पकार शलेन्द्र पतझड़ में टूटी पत्तियाँ, पाठ कारतूस

काव्य खंड- कबीर की साखी, मीरा के पद, मनुष्यता, पर्वत प्रदेश में पावस, तोप, कर चले हम फ़िदा

पूरक पाठ्य पुस्तक संचयन- पाठ हरिहर काका, सपनों के- से दिन, पाठ टोपी शुक्ला

व्यावहारिक व्याकरण- वाक्य रूपांतरण, समास व उसके भेद, पदबंध, मुहावरे

रचनात्मक लेखन- अनुच्छेद, औपचारिक पत्र, सूचना, ई-मेल /, लघु कथा, विज्ञापन

SCIENCE

Theme: Materials

Unit I: Chemical Substances - Nature and Behaviour

- Chemical reactions and equations
- Acids, bases and salts
- Metals and nonmetals
- Carbon compounds

Theme: The World of the Living

Unit II: World of Living

- Life processes
- Control and co-ordination in animals and plants
- Reproduction
- Heredity

Theme: Natural Phenomena

Unit III: Natural Phenomena

- Light: Reflection and Refraction
- Human eye and colourful world

Theme: How Things Work

Unit IV: Effects of Current

- Electricity
- Magnetic effects of electric current

Theme: Natural Resources

Unit V: Natural Resources

- Our environment

MATHS

UNIT I: NUMBER SYSTEMS

- 1. REAL NUMBER

UNIT II: ALGEBRA

- 1. POLYNOMIALS
- 2. PAIR OF LINEAR EQUATIONS IN TWO VARIABLES
- 3. QUADRATIC EQUATIONS
- 4. ARITHMETIC PROGRESSIONS

UNIT III: COORDINATE GEOMETRY

- Coordinate Geometry

UNIT IV: GEOMETRY

- 1. TRIANGLES
- 2. CIRCLES

UNIT V: TRIGONOMETRY

- 1. INTRODUCTION TO TRIGONOMETRY
- 2. TRIGONOMETRIC IDENTITIES
- 3. HEIGHTS AND DISTANCES

UNIT VI: MENSURATION

- 1. AREAS RELATED TO CIRCLES
- 2. SURFACE AREAS AND VOLUMES

UNIT VII: STATISTICS AND PROBABILITY

- 1. STATISTICS
- 2. PROBABILITY

SOCIAL SCIENCE

History (India and the Contemporary World - II)

- Chapter 1. The Rise of Nationalism in Europe
- Chapter 2. Nationalism In India
- Chapter 3. The Making of a Global World
- Chapter 4. The Age of Industrialization (To be assessed as part of Periodic Assessments only)
- Chapter 5. Print Culture and the Modern World

Geography (Contemporary India - II)

- Chapter 1. Resources and Development
- Chapter 2. Forest and Wildlife Resources
- Chapter 3. Water Resources
- Chapter 4. Agriculture
- Chapter 5. Minerals and Energy Resources
- Chapter 6. Manufacturing Industries
- Chapter 7. Lifelines of National Economy (Only Map work)

Political Science (Democratic Politics - II)

- Chapter 1. Power – sharing
- Chapter 2. Federalism
- Chapter 3. Gender, Religion and Caste
- Chapter 4. Political Parties
- Chapter 5. Outcomes of Democracy

Economics (Understanding Economic Development)

- Chapter 1. Development
- Chapter 2. Sectors of the Indian Economy
- Chapter 3. Money and Credit
- Chapter 4. Globalisation and The Indian Economy

**COMPUTER
APPLICATION**

Unit 1: Networking

- Internet: World Wide Web, web servers, web clients, web sites, web pages, web browsers, blogs, news groups, HTML, web address, e-mail address, downloading and uploading files from a remote site.
- Internet protocols: TCP/IP, SMTP, POP3, HTTP, HTTPS. Remote login and file transfer protocols: SSH, SFTP, FTP, SCP, TELNET, SMTP, TCP/IP.
- Services available on the internet: information retrieval, locating sites using search engines and finding people on the net;
- Web services: chat, email, video conferencing, e-Learning, e-Banking, eShopping, e-Reservation, e-Governance, e-Groups, social networking.
- Mobile technologies: SMS, MMS, 3G, 4G.

Unit 2: HTML

- Introduction to web page designing using HTML: create and save an HTML document, access a web page using a web browser.
- HTML tags: html, head, title, body, (attributes: text, background, bgcolor, link, vlink, alink), br (break), hr(horizontal rule), inserting comments, h1..h6 (heading), p (paragraph), b (bold), i (italics), u (underline), ul (unordered list), ol (ordered list), and li (list item). Description lists: dl, dt and dd. Attributes of ol (start, type), ul (type).
- Font tags (attributes: face, size, color).
- Insert images: img (attributes: src, width, height, alt), sup (super script), sub (subscript).
- HTML Forms: Textbox, radio buttons, checkbox, password, list, combobox.
- Embed audio and video in a HTML page.
- Create a table using the tags: table, tr, th, td, rowspan, colspan
- Links: significance of linking, anchor element (attributes: href, mailto), targets.
- Cascading style sheets: colour, background-colour, border-style, margin, height, width, outline, font (family, style, size), align, float.

Unit 3: Cyber ethics

- Netiquettes.
- Software licenses and the open source software movement.
- Intellectual property rights, plagiarism and digital property rights.
- Freedom of information and the digital divide.
- E-commerce: Privacy, fraud, secure data transmission.

Unit 4. Lab Exercises

- Create static web pages.
- Use style sheets to enforce a format in an HTML page (CSS).
- Embed pictures, audio and videos in an HTML page.
- Add tables and frames in an HTML page.
- Decorate web pages using graphical elements.
- Create a website using several web pages. Students may use any open source or proprietary tool.
- Work with HTML forms: text box, radio buttons, checkbox, password, list, combo box.
- Write a blog using HTML pages discussing viruses, malware, spam and antiviruses
- Create a web page discussing plagiarism. List some reported cases of plagiarism and the consequent punishment meted out. Explain the nature of the punishment in different countries as per their IP laws.