BISHOP SCOTT BOYS' SCHOOL
GRADE X/ ENGLISH/ SYLLABUS (2024-25)

MONTH	FIRST FLIGHT	FOOTPRINTS WITHOUT FEET	BASIC ENGLISH GRAMMAR AND COMPOSITION	CREATIVE WRITING/READING COMPREHENSION
APRIL	LESSON 1 : A LETTER TO GOD POEM: DUST OF SNOW POEM: FIRE AND ICE	LESSON 1: A TRIUMPH OF SURGERY	SUBJECT VERB CONCORD	• FORMAL LETTER WRITING • READING COMPREHENSION
MAY	LESSON 2 : NELSON MANDELA : LONG WALK TO FREEDOM LESSON 3 : TWO STORIES ABOUT FLYING	LESSON 2: THE THIEF'S STORY	TENSES	• ANALYTICAL PARAGRAPH WRITING • READING COMPREHENSION
JUNE	POEM : A TIGER IN THE ZOO POEM : HOW TO TELL WILD ANIMALS	LESSON 3: THE MIDNIGHT VISITOR	DETERMINERS	• FORMAL LETTER WRITING • READING COMPREHENSION (REVISION)
JULY	LESSON 4 : FROM THE DIARY OF ANNE FRANK LESSON 7: GLIMPSES OF INDIA POEM: THE BALL POEM	LESSON 4: A QUESTION OF TRUST	REPORTED SPEECH • COMMANDS AND REQUEST • STATEMENTS • QUESTIONS	• ANALYTICAL PARAGRAPH WRITING • READING COMPREHENSION (REVISION)
AUGUST	LESSON 8 : MIJBIL THE OTTER POEM: AMANDA! POEM: FOG POEM : THE TREES	LESSON 5: FOOTPRINTS WITHOUT FEET	MODALS	• FORMAL LETTER WRITING • READING COMPREHENSION (REVISION)
SEPTEMBER	REVISION			
OCTOBER	LESSON 9: MADAM RIDES THE BUS LESSON 10: THE SERMON AT BENARES POEM : FOR ANNE GREGORY	LESSON 6: THE MAKING OF A SCIENTIST LESSON 7: THE NECKLACE	TENSES (REVISION)	• ANALYTICAL PARAGRAPH WRITING • READING COMPREHENSION (REVISION)
NOVEMBER	POEM: THE TALE OF CUSTARD THE DRAGON LESSON 7: THE PROPOSAL	LESSON 9: BHOLI LESSON 10 : THE BOOK THAT SAVED THE EARTH	• MODALS • SUBJECT VERB CONCORD (REVISION)	• FORMAL LETTER WRITING • READING COMPREHENSION (REVISION)
DECEMBER	REVISION		• REPORTED SPEECH • DETERMINERS (REVISION)	• ANALYTICAL PARAGRAPH WRITING • READING COMPREHENSION (REVISION)
JANUARY	REVISION		TENSES (REVISION	• FORMAL LETTER WRITING • READING COMPREHENSION (REVISION)
FEBRUARY & MARCH	REVISION			

बिशप स्कॉट ब्यॉज़ स्कूल

कक्षा – दशम् / हिन्दी / पाठ्यक्रम (2024-25)

माह	पाठ्य पुस्तक - क्षितिज भाग - 2	कृतिका भाग - 2	व्याकरण / अपठित अवबोध	रचनात्मक लेखन
अप्रैल	पाठ 1 : सूरदास के पद पाठ 10 : नेताजी का चश्मा	पाठ 1 : माता का अँचल (पृष्ठ सं. 1 - 6)	• रचना के आधार पर वाक्य भेद • अपठित अवबोध	• अनुच्छेद लेखन • पत्र लेखन (अनौपचारिक)
मई	पाठ 2 : राम लक्ष्मण परशुराम संवाद	पाठ 1 : माता का अँचल (पृष्ठ सं. 7 - 9)	• वाच्य • अपठित अवबोध	• पत्र – लेखन (औपचारिक)
जून	पाठ 11 : बालगोबिन भगत	पाठ 3 : साना - साना हाथ जोड़ि (पृष्ठ सं. 10-15)	•अर्थालंकार – उपमा , रूपक • अपठित अवबोध	• ई मेल लेखन
जुलाई	पाठ 4 : आत्मकथ्य पाठ 5 : उत्साह अट नहीं रही है	पाठ 3 : साना - साना हाथ जोड़ि (पृष्ठ सं. 16-23)	•अर्थालंकार (उत्प्रेक्षा , अतिशयोक्ति , मानवीकरण) • अपठित अवबोध	• संदेश लेखन • विज्ञापन लेखन
अगस्त	पाठ 6 : यह दंतुरित मुसकान पाठ 12 : लखनवी अंदाज़	पाठ 5 : मैं क्यों लिखता हूँ ?	• पद परिचय • अपठित अवबोध	• स्ववृत्त लेखन
सितंबर	पुनरावृत्ति			
अक्टूबर	पाठ 9 : संगतकार पाठ 14 : एक कहानी यह भी	पाठ 1 : माता का अँचल (पुनरावृत्ति)	• रचना के आधार पर वाक्य भेद • अपठित अवबोध (पुनरावृत्ति)	• अनुच्छेद लेखन • संदेश लेखन (पुनरावृत्ति)
नवंबर	पाठ 16 : नौबतखाने में इबादत पाठ 17 : संस्कृति	पाठ 3 : साना - साना हाथ जोड़ि (पुनरावृत्ति)	•अर्थालंकार - उपमा , रूपक , उत्प्रेक्षा , अतिशयोक्ति, मानवीकरण) • अपठित अवबोध (पुनरावृत्ति)	• पत्र लेखन (औपचारिक) • पत्र – लेखन (अनौपचारिक) • ई मेल लेखन (पुनरावृत्ति)
दिसंबर	(पुनरावृत्ति)	पाठ 5 : मैं क्यों लिखता हूँ ? (पुनरावृत्ति)	• वाच्य • पद परिचय • अपठित अवबोध (पुनरावृत्ति)	• विज्ञापन लेखन • स्ववृत लेखन (पुनरावृत्ति)
जनवरी	पुनरावृत्ति			
फरवरी-मार्च	पुनरावृत्ति			

BISHOP SCOTT BOYS' SCHOOL
GRADE X/ MATHEMATICS/ SYLLABUS (2024-25)

MONTH	TOPICS (NCERT)	ACTIVITIES
APRIL	**LESSON 1 : REAL NUMBER** Fundamental Theorem of Arithmetic - statements after reviewing work done earlier and after illustrating and motivating through examples, Proofs of irrationality of $\sqrt{2}, \sqrt{3}, \sqrt{5}$ **LESSON 2 : POLYNOMIALS** Zeros of a polynomial. Relationship between zeros and coefficients of quadratic polynomials.	1 & 2
MAY	**LESSON 3: PAIR OF LINEAR EQUATIONS IN TWO VARIABLES** Pair of linear equations in two variables and graphical method of their solution, consistency/inconsistency. Algebraic conditions for number of solutions. Solution of a pair of linear equations in two variables algebraically - by substitution, by elimination. Simple situational problems.	3, 4 & 6
JUNE	**LESSON 4: QUADRATIC EQUATIONS** Standard form of a quadratic equation $ax^2 + bx + c = 0$, $(a \neq 0)$. Solutions of quadratic equations (only real roots) by factorization, and by using quadratic formula. Relationship between discriminant and nature of roots. Situational problems based on quadratic equations related to day to day activities to be incorporated.	7
JULY	**LESSON 5 : ARITHMETIC PROGRESSIONS** Motivation for studying Arithmetic Progression Derivation of the nth term and sum of the first n terms of A.P. and their application in solving daily life problems. **LESSON 6 : TRIANGLES** Definitions, examples, counter examples of similar triangles. 1. (Prove) If a line is drawn parallel to one side of a triangle to intersect the other two sides in distinct points, the other two sides are divided in the same ratio. 2. (Motivate) If a line divides two sides of a triangle in the same ratio, the line is parallel to the third side. 3. (Motivate) If in two triangles, the corresponding angles are equal, their corresponding sides are proportional and the triangles are similar. 4. (Motivate) If the corresponding sides of two triangles are proportional, their corresponding angles are equal and the two triangles are similar. 5. (Motivate) If one angle of a triangle is equal to one angle of another triangle and the sides including these angles are proportional, the two triangles are similar.	5, 8, 9, 10, 11 & 12

AUGUST	**LESSON 7: CO-ORDINATE GEOMETRY** **Review**: Concepts of coordinate geometry, graphs of linear equations. Distance formula. Section formula (internal division). **LESSON 8 : INTRODUCTION TO TRIGONOMETRY** Trigonometric ratios of an acute angle of a right-angled triangle. Proof of their existence (well defined); motivate the ratios whichever are defined at 0° and 90°. Values of the trigonometric ratios of 30° , 45° and 60°. Relationships between the ratios. **TRIGONOMETRIC IDENTITIES** Proof and applications of the identity $sin^2 A + cos^2 A = 1$. Only simple identities to be given.	16 & 17
SEPTEMBER	REVISION	
OCTOBER	**LESSON 9: SOME APPLICATIONS OF TRIGONOMETRY (HEIGHTS AND DISTANCES)** Simple problems on heights and distances. Problems should not involve more than two right triangles. Angles of elevation / depression should be only 30°, 45°, and 60°. **LESSON 10 : CIRCLES** Tangent to a circle at, point of contact 1. (Prove) The tangent at any point of a circle is perpendicular to the radius through the point of contact. 2. (Prove) The lengths of tangents drawn from an external point to a circle are equal	13, 14, 15 & 18
NOVEMBER	**LESSON 12 : AREA RELATED TO CIRCLES** Area of sectors and segments of a circle. Problems based on areas and perimeter / circumference of the above said plane figures. (In calculating area of segment of a circle, problems should be restricted to central angle of 60°, 90° and 120° only. **LESSON 13 : SURFACE AREAS AND VOLUMES** Surface areas and volumes of combinations of any two of the following: cubes, cuboids, spheres, hemispheres and right circular cylinders/cones.	20, 21, 22, 23, 24, 25 & 26
DECEMBER	**LESSON 14 : STATISTICS** Mean, median and mode of grouped data (bimodal situation to be avoided). **LESSON 15 : PROBABILITY** Classical definition of probability. Simple problems on finding the probability of an event.	19, 27, 28 & 29
JANUARY	REVISION	
FEBRUARY-MARCH	REVISION	

BISHOP SCOTT BOYS' SCHOOL
GRADE X/ SCIENCE/ SYLLABUS (2024-25)

MONTH	CHAPTERS
APRIL - MAY	**LESSON 1 : CHEMICAL REACTIONS AND EQUATIONS** Chemical equation, Balanced chemical equation, implications of a balanced chemical equation, types of chemical reactions: combination, decomposition, displacement, double displacement, precipitation, endothermic exothermic reactions, oxidation and reduction. **LESSON 5 : LIFE PROCESSES** 'Living Being'. Basic concept of nutrition, respiration, transport and excretion in plants and animals. **LESSON 9 : LIGHT-REFLECTION AND REFRACTION** 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.
JUNE - JULY	**LESSON 2 : ACIDS, BASES AND SALTS** Their definitions in terms of furnishing of H+ and OH– ions, General properties, examples and uses, neutralization, concept of pH scale (Definition relating to logarithm not required), importance of pH in everyday life; preparation and uses of Sodium Hydroxide, Bleaching powder, Baking soda, Washing soda and Plaster of Paris. **LESSON 6: CONTROL AND COORDINATION** Control and co-ordination in animals and plants: Tropic movements in plants; Introduction of plant hormones; Control and co-ordination in animals: Nervous system; Voluntary, involuntary and reflex action; Chemical co-ordination: animal hormones. **LESSON 9 : LIGHT- REFLECTION AND REFRACTION** 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. **LESSON 10: THE HUMAN EYE AND THE COLOURFUL WORLD** 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 dailylife (excluding colour of the sun at sunrise and sunset).

AUGUST	**LESSON 3: METALS AND NON-METALS**
	Properties of metals and non-metals; Reactivity series; Formation and properties of ionic compounds; Basic metallurgical processes; Corrosion and its prevention.
	LESSON 7 : HOW DO ORGANISMS REPRODUCE?
	Reproduction: Reproduction in animals and plants (asexual and sexual) reproductive health - need and methods of family planning. Safe sex vs HIV/AIDS. Child bearing and women's health.
	LESSON 11: ELECTRICITY
	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.
SEPTEMBER	REVISION
OCTOBER - NOVEMBER	**LESSON 4 : CARBON AND ITS COMPOUNDS**
	Covalent bonding in carbon compounds. Versatile nature of carbon. Homologous series. Nomenclature of carbon compounds containing functional groups (halogens, alcohol, ketones, aldehydes, alkanes and alkynes), difference between saturated hydro carbons and unsaturated hydrocarbons. Chemical properties of carbon compounds (combustion, oxidation, addition and substitution reaction). Ethanol and Ethanoic acid (only properties and uses), soaps and detergents.
	LESSON 8 : HEREDITY
	Heredity; Mendel's contribution- Laws for inheritance of traits: Sex determination: brief introduction: (topics excluded - evolution; evolution and classification and evolution should not be equated with progress).
	LESSON 12 : MAGNETIC EFFECTS OF ELECTRIC CURRENT
	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.
	LESSON 13: OUR ENVIRONMENT
	Eco-system, Environmental problems, Ozone depletion, waste production and their solutions. Biodegradable and non-biodegradable substances.
	MANAGEMENT OF NATURAL RESOURCES
	The chapter Management of Natural Resources (NCERT Chapter 16) will not be assessed in the year-end examination. However, learners may be assigned to read this chapter and encouraged to prepare a brief write up to any concept of this chapter in their Portfolio. This may be for Internal Assessment and credit may be given Periodic Assessment/Portfolio).
DECEMBER	REVISION
JANUARY	REVISION
FEBRUARY -MARCH	REVISION

BISHOP SCOTT BOYS' SCHOOL
GRADE X/SOCIAL SCIENCE/ SYLLABUS (2024-25)

MONTH	INDIA AND THE CONTEMPORARY WORLD- II (HISTORY)	CONTEMPORARY INDIA -II (GEOGRAPHY)	DEMOCRATIC POLITICS -II (POLITICAL SCIENCE)	UNDERSTANDING ECONOMIC DEVELOPMENT (ECONOMICS)
APRIL	CHAPTER 1 THE RISE OF NATIONALISM IN EUROPE (TO BE INTRODUCED)	CHAPTER 1 RESOURCES AND DEVELOPMENT	CHAPTER 1 POWER SHARING	CHAPTER 1 DEVELOPMENT (TO BE INTRODUCED)
MAY	CHAPTER 1 THE RISE OF NATIONALISM IN EUROPE (TO BE CONCLUDED)	CHAPTER 2 FOREST AND WILDLIFE RESOURCES	CHAPTER 2 FEDERALISM (TO BE INTRODUCED)	CHAPTER 1 DEVELOPMENT (TO BE CONCLUDED)
JUNE	CHAPTER 2 NATIONALISM IN INDIA (TO BE INTRODUCED)	CHAPTER 3 WATER RESOURCES	CHAPTER 2 FEDERALISM (TO BE CONCLUDED)	CHAPTER 2 SECTORS OF THE INDIAN ECONOMY (TO BE INTRODUCED)
JULY	CHAPTER 2 NATIONALISM IN INDIA (TO BE CONCLUDED) CHAPTER 3 THE MAKING OF A GLOBAL WORLD **(TO BE EVALUATED IN THE BOARD EXAMINATION)** SUBTOPICS : 1 TO 1.3 PRE MODERN WORLD TO CONQUEST, DISEASE AND TRADE	CHAPTER 4 AGRICULTURE	CHAPTER 3 GENDER, RELIGION AND CASTE	CHAPTER 2 SECTORS OF THE INDIAN ECONOMY (TO BE CONCLUDED)
AUGUST	CHAPTER 3 THE MAKING OF A GLOBAL WORLD **(INTER DISCIPLINARY PROJECT AS PART OF MULTIPLE ASSESSMENTS)** **(INTERNALLY ASSESSED FOR 5 MARKS)** SUB TOPICS 2 TO 4.4 THE NINETEENTH CENTURY (1815-1914) TO END OF BRETTON WOODS & THE BEGINNING OF "GLOBALISATION"	CHAPTER 5 MINERALS AND ENERGY RESOURCES	CHAPTER 4 POLITICAL PARTIES	CHAPTER 5 CONSUMER RIGHTS **(PROJECT WORK)**
SEPTEMBER	REVISION			

OCTOBER	CHAPTER 4 THE AGE OF INDUSTRIALIZATION **(TO BE ASSESSED AS PART OF PERIODIC ASSESSMENT ONLY)** CHAPTER 5 PRINT CULTURE AND THE MODERN WORLD (TO BE INTRODUCED)	CHAPTER 6 MANUFACTURING INDUSTRIES	CHAPTER 5 OUTCOMES OF DEMOCRACY (TO BE INTRODUCED)	CHAPTER 3 MONEY AND CREDIT
NOVEMBER	CHAPTER 5 PRINT CULTURE AND THE MODERN WORLD (TO BE CONCLUDED)	CHAPTER 7 LIFELINES OF NATIONAL ECONOMY **(ONLY MAP POINTING TO BE EVALUATED IN BOARD EXAMINATION)** **(INTER DISCIPLINARY PROJECT AS PART OF MULTIPLE ASSESSMENTS)** **(INTERNALLY ASSESSED FOR 5 MARKS)**	CHAPTER 5 OUTCOMES OF DEMOCRACY (TO BE CONCLUDED)	CHAPTER 4 GLOBALIZATION AND THE INDIAN ECONOMY **(TO BE EVALUATED IN THE BOARD EXAMINATION)** • WHAT IS GLOBALIZATION? • FACTORS THAT HAVE ENABLED GLOBALISATION **(INTER DISCIPLINARY PROJECT AS PART OF MULTIPLE ASSESSMENTS)** **(INTERNALLY ASSESSED FOR 5 MARKS)** • PRODUCTION ACROSS THE COUNTRIES • CHINESE TOYS IN INDIA • WORLD TRADE ORGANISATION • THE STRUGGLE FOR A FAIR GLOBALISATION
DECEMBER	REVISION			
JANUARY	REVISION			
FEBRUARY-MARCH	REVISION			

LIST OF MAP ITEMS
CLASS X (2024-25)

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HISTORY
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Nationalism in India
I. Congress Sessions:
a. 1920 Calcutta
b. 1920 Nagpur
c. 1927 Madras session

II. 3 Satyagraha movements :
b. Kheda
a. Champaran
c. Ahmedabad Mill Workers

III. Jallianwala Bagh
IV. Dandi march

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GEOGRAPHY
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Resources and Development

Identify : Major Soil Types

Water Resources

Locating and Labelling

a. Salal
b. Bhakra Nangal
c. Tehri
d. Rana Pratap Sagar
e. Sardar Sarovar
f. Hirakud
g. Nagarjuna Sagar
h. Tungabhadra

Agriculture
Identify :
a. Major areas of Rice and Wheat
b. Largest Coffee, Rubber, Cotton and Jute /Major producer
   states of Sugarcane, Tea,

Minerals and Energy Resources
Identify :
a. Iron Ore mines

- Mayurbhanj
- Durg
- Bailadila
- Bellary
- Kudremukh

b. Coal Mines

- Raniganj
- Bokaro
- Talcher
- Neyveli

c. Oil Fields

- Digboi
- Naharkatia
- Mumbai High
- Bassien
- Kalol
- Ankaleshwar

Locate & label : Power Plants
a. Thermal

- Namrup
- Singrauli
- Ramagundam

b. Nuclear

- Narora
- Kakrapara
- Tarapur
- Kalpakkam

**Manufacturing Industries
(Locating and Labelling Only)**

- Cotton Textile industries :
  a. Mumbai
  b. Indore
  c. Surat
  d. Kanpur
  e. Coimbatore
- Iron and Steel Plants :
  a. Durgapur
  b. Bokaro
  c. Jamshedpur
  d. Bhilai
  e. Vijayanagar
  f. Salem

- Software Technology Parks:
  a. Noida
  b. Gandhinagar
  c. Mumbai
  d. Pune
  e. Hyderabad
  f. Bengaluru
  g. Chennai
  h. Thiruvananthapuram

**Lifelines of National Economy
Locating and Labelling
a. Major Sea Ports:**

- Kandla
- Mumbai
- Marmagao
- New Mangalore
- Kochi
- Tuticorin
- Chennai
- Vishkhapatnam
- Paradip
- Haldia

b. International Airports :

- Amritsar (Raja Sansi - Sri Guru Ram Dass jee)
- Delhi (Indira Gandhi)
- Mumbai (Chhatrapati Shivaji)
- Chennai (Meenam Bakkam)
- Kolkata (Netaji Subhash Chandra Bose)
- Hyderabad (Rajiv Gandhi)

Note: Items Locating and Labelling may also be given for Identification.

बिशप स्कॉट ब्यॉज़ स्कूल

कक्षा – दशम् / विषय–संस्कृतम् / पाठ्यक्रम (2024-25)

माह	शेमुषी भाग – 2	व्याकरणवीथिः
अप्रैल	द्वितीयः पाठः – बुद्धिर्बलवती सदा	• सन्धि – व्यञ्जनं, अपठित अवबोधनम् , पत्रम् (औपचारिक/अनौपचारिक) , चित्रलेखनम्
मई	प्रथमः पाठः – शुचिपर्यावरणम्	• व्यञ्जनं सन्धि , अपठित अवबोधनम् , पत्रम् (औपचारिक/अनौपचारिक) , चित्रलेखनम् अनुच्छेदलेखनम्
जून	चतुर्थः पाठः – शिशुर्लालनम्	• विसर्ग सन्धि , समास – तत्पुरूषः , अपठित अवबोधनम्, समय लेखनम्
जुलाई	पञ्चम् पाठः –जननी तुल्यवत्सला	• पत्रम् (औपचारिक/अनौपचारिक), चित्रलेखनम् , • हिन्दी/आंङ्ग्लभाषातः संस्कृतेन अनुवादः
अगस्त	षष्ठः पाठः – सुभाषितानि	• समास – बहुब्रीहि , अव्ययीभावः , अपठित अवबोधनम्, पत्रम् (औपचारिक/अनौपचारिक) , चित्रलेखनम् , अशुद्धि संशोधनम्
सितंबर	पुनरावृत्तिः	
अक्टूबर	सप्तमः पाठः – सौहार्द प्रकृतेः शोभा	• द्वन्द्व , – प्रत्यय – मतुप् , ठक् , अपठित अवबोधनम्
नवंबर	अष्टमः पाठः – विचित्रः साक्षी	• पत्रम् , चित्रलेखनम् , वाच्य परिवर्तन, प्रत्यय – त्व , तल् , अपठित अवबोधनम् , चित्रलेखनम् , पत्रम् (औपचारिक/अनौपचारिक)
दिसंबर	नवमः पाठः – सूक्तयः	• स्त्री , प्रत्यय–टाप् , ड.ीप् , अपठित अवबोधनम्, पत्रम् (औपचारिकं /अनौपचारिकं) , चित्रलेखनम् , अशुद्धि संशोधनम् , अनुच्छेदलेखनम्
जनवरी	द्वादशः पाठः – अन्योक्तयः	• अव्यय, समय लेखनम् , पत्रम् (औपचारिक/अनौपचारिक) , चित्रलेखनम्, हिन्दी/आंङ्ग्लभाषातः संस्कृतेन अनुवादः अपठित अवबोधनम्
फरवरी- मार्च	पुनरावृत्तिः	

BISHOP SCOTT BOYS' SCHOOL
GRADE X/COMPUTER APPLICATIONS/ SYLLABUS (2024-25)

MONTH	LESSONS TO BE TAUGHT
APRIL	**LESSON 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.
MAY	**LESSON 1 : NETWORKING** • 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, e-Shopping, e-Reservation, e-Governance, e-Groups, social networking. • Mobile technologies: SMS, MMS, 3G, 4G.
JUNE	**LESSON 2 : INTRODUCTION TO 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).
JULY	**LESSON 3 : MORE ABOUT HTML** • 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.
AUGUST	**LESSON 3 : MORE ABOUT HTML(to be continued)** • Create a table using the tags: table, tr, th, td, rowspan, colspan • Links: significance of linking, anchor element (attributes: href, mailto), targets
SEPTEMBER	Revision
OCTOBER	**LESSON 4 : CASCADING STYLE SHEETS** • Cascading style sheets: colour, background-colour, border-style, margin, height,width, outline, font (family, style, size), align, float.
NOVEMBER	**LESSON 5 : 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.
DECEMBER - MARCH	Revision