

Syllabus-2023-2024

(Topics/Chapters will be added or deleted as per the guidelines issued by CBSE.)

Class-X

Subject: English (184)

MONTH	CHAPTERS	SEA
February	First Flight Prose 1. A letter to God Poetry 1. Dust of snow 2. Fire and ice Writing Formal Letter Grammar Subject Verb Agreement	
March	First Flight Prose 2. Nelson Mandela Poetry 3. A Tiger in the zoo 4. How to Tell Wild Animals Footprints Without Feet 1. A Triumph of Surgery 2. The Thief's story Writing Paragraph Writing Grammar Tenses	1. Story Telling
April	First Flight Prose 3. Two stories about flying 4. From the Diary of Anne Frank Poetry 5. The Ball poem 6. Amanda Footprints Without Feet 3. The Midnight Visitor 4. A Question of Trust Writing Analytical Paragraph Writing Grammar Reported Speech	2. Extempore
May	First Flight Prose 5. The Hundred Dresses I 6. The Hundred Dresses II Poetry 7. Animals Footprints Without Feet 5. Footprints without Feet Writing Formal Letter- Letter to editor, Letter of	3. Listening Activity

	Complaint Grammar Determiners	
July	First Flight Prose 7. Glimpses of India Poetry 8. The Trees Footprints Without Feet 6. The Making of a Scientist 7. The Necklace Grammar Modals	4. Reading Comprehension
August	First Flight Prose 8. Mijbil the Otter 9. Madam rides the bus Poetry 9. Fog 10. The tale of Custard the Dragon Footprints Without Feet 8. The Hack Driver Writing Formal Letter- Placing/ cancelling orders Grammar Preposition	5. Speech
September	Footprints Without Feet 9. Bholi Grammar Clauses	6. Quiz (On Grammar)
October	First Flight Prose 10. The Sermon at Benaras 11. The Proposal Poetry 11. For Anne Gregory Footprints Without Feet 10. The Book that Saved the Earth Writing Article Writing	7. Quiz (On Vocabulary)
November	Revision	
December	Revision	
January	Revision	
February	Revision	

Subject: Hindi (002)

महीना	पाठ का नाम	विषय संवर्धन गतिविधि
फरवरी	क्षितिज— पाठ 1 – ऊधौ,तुम हौ अति बड़भागी पाठ-10 –नेताजी का चश्मा व्याकरण-वाक्य भेद (रचना के आधार पर)	देशप्रेम पर अनुच्छेद लेखन
मार्च	व्याकरण-वाच्य पाठ 11-बालगोबिन भगत व्याकरण-अपठित गद्यांश	मानवीय मूल्यों पर विचार-विनिमय
अप्रैल	पाठ 2 –राम-लक्ष्मण-परशुराम संवाद कृतिका-माता का अँचल	संवाद लेखन, नाट्य प्रस्तुति जीवन में माँ के महत्व पर सामूहिक वार्ता
मई	पाठ 12- लखनवी अंदाज व्याकरण-अपठित काव्यांश अनुच्छेद लेखन संदेश लेखन	त्वरित प्रश्नोत्तरी
जुलाई	पाठ-4-आत्मकथ्य व्याकरण-पद परिचय कृतिका-साना-साना हाथ जोड़ि पत्र लेखन	वर्तमान परिदृश्य में देशप्रेम का अर्थ और हमारे कर्तव्य पर वार्ता
अगस्त	पाठ 14-एक कहानी यह भी पाठ 16- नौबतखाने में इबादत व्याकरण-अलंकार ई मेल लेखन	सृजनात्मक लेखन
सितंबर	पाठ 5-उत्साह, अट नहीं रही है पाठ 6- यह दंतुरित मुसकान, फसल	सामाजिक कुप्रथाओं और उनको दूर करने के विषय में सामूहिक चर्चा
अक्टूबर	पाठ 17- संस्कृति पाठ 9- संगतकार व्याकरण-विज्ञापन पुनरावृत्ति	विज्ञापन बनाना
नवंबर	कृतिका – मैं क्यों लिखता हूँ व्याकरण – स्ववृत्त लेखन	विज्ञान के विकास और विध्वंस के रूपों पर वार्ता/ लेख
दिसंबर	पुनरावृत्ति	
जनवरी	पुनरावृत्ति	
फरवरी	पुनरावृत्ति	

Subject: Standard Mathematics (041)
Basic Mathematics (241)

Month / Teaching Days	Chapter No. & Name	Subject Enrichment Activity
February	Ch-1 real number Ch-2 Polynomials	1. To find the HCF of two numbers experimentally based on Euclid's Division Lemma. 2. Geometrical meaning of the zeroes of a polynomial
March	Ch: 3 linear Equations in two variables.	3. Graphical method of solution of a pair of linear equations in two variables
April	Ch:4 Quadratic Equations	4. To find the solution of quadratic equation by completing square method.
May	Ch:5 Arithmetic Progression	5. To verify that the sum of first n natural numbers is $n(n+1)/2$, i.e. $\sum n = n(n+1)/2$, by graphical method.(PT 1)
July	Ch:6 Triangles Ch: 7 Coordinate Geometry	6. To verify Pythagoras Theorem by paper cutting and pasting method. 7. To find area of triangle using coordinate geometry and verify by general formula(optional).
August	Ch: 8 Introduction of Trigonometry Ch: 9 Some application of Trigonometry	8. To find the value of trigonometric ratios for different angles geometrically. 9. To make clinometers and use it to measure the height of an object.

September	Ch: 10 Circles Ch:11 Construction	6: To verify length of tangents drawn from an external point to a circle are equal by the method of paper folding, cutting and pasting method.
October	Ch. 12 Area Related to Circles. Ch. 13 Surface Area and Volumes Ch:14 Statistics	7: To obtain the formula of area of a circle experimentally. 8: To find the curved surface area and volume of 3D figure by paper cutting and pasting method (Group activity) 9: To find out the mean, median and mode of given data (Project) for winter break
November	Ch:15 Probability Revision Ch. 1, 2	
December	Revision Ch. 3, 4, 5, 6 and 7	
January	Revision Ch. 7, 8, 9, 10, 11 and 12.	
February	Revision: Ch. 13 14 and Ch. 15.	

Subject: Science - (086)

Month	Chapter Number & Name	Subject Enrichment Activities
February	Ch-1: Introduction -Chemical Reaction & Equation Ch-6: Life Processes Ch-10: Light	Draw all ray diagrams of image formation by concave mirror on an A4 sheet.

March	Ch- 1 Chemical reaction and equation (Contd.) Ch-6: Life Processes(Contd.) Ch-10: Light (Contd.)	Determination of focal length of concave mirror and convex lens. To perform chemical reactions and classify into different types.
April	Ch-1: Chemical Reactions and Equations (Contd.) Ch-2: Acid, Bases and Salts Ch-6: Life Processes (Contd.) Ch-10: Light (Contd...)	1. Image formation by Convex lens. 2. To find the pH of the given Samples. 3. To prepare a temporary mount of a leaf peel
May	Ch-2: Acid, Bases and Salts(Contd.) Ch-7: Control and Coordination Ch-11: Human Eye and Colorful World	Refraction of light through rectangular glass slab and Prism.
July	Ch-3: Metals and Non- Metals Ch-7: Control and Coordination(Contd.) Ch-8: How Do Organisms Reproduce Ch-11: Human Eye and Colorful World (Contd...)	1. Charts making on control and coordination and how do organisms reproduce 2. To study binary fission with the help of permanent slides
August	Ch-3: Metal and Non metal (Contd.) Ch-4 Carbon and its Compounds. Ch-9: Heredity and Evolution Chapter -12: Electricity	1.To check reactivity of metals 2. Lab Activity on Heredity and Evolution 3. To verify the ohms law.
September	Revision	1.To study the property of acetic acid
October	Ch-4 Carbon and its Compounds (Contd.) Ch- 5 Periodic Classification of elements Ch-16: Management of Natural Resources Ch-15: Our Environment Chapter 12: Electricity (Contd...)	1.To study the cleansing capacity of soap in soft water and hard water 3. Learning Periodic Table 4. Awareness Program on our Environment 5. To determine the equivalent resistance in series and parallel
November	Ch-13: Magnetic Effects of Electric Current Ch-5 Periodic Classification of elements.	Chart of Periodic table / differentiate the elements, metal, non metal and metalloids.
December	Revision	
January	Revision	
February	Revision	

Subject: Social Science (087)

Month	Name of Chapters	Activities
February	Ch. 1.Resources and Development (Geography) Ch. 1.The Rise of Nationalism in Europe (History)	Collage Making
March	Ch. 1 Power Sharing (Civics) Ch. 2 Federalism (Civics) Ch. 1 Development (Economics)	Poster Making
April	Ch.2 Nationalism in India(History) Ch.2 Forest and Wildlife(Geography) Ch.3 Gender, Religion and Caste(Civics)	Project Making
May	Ch.2 Sectors of the Indian Economy(Economics) Ch.3 Water Resources(Geography) Ch.3 Money and Credit(Economics) Ch.5 Consumer Rights (Geography)	Model Making Holiday HW
July	Ch.3 The Making of a Global World(History) Ch.4 Agriculture(Geography) Ch.4 Political Parties(Civics)	Chart Making
August	Ch.4 Globalization and the Indian Economy Ch.4 The Age of Industrialization(History) Ch.5 Minerals and Energy Resources(Geography)	Collage Making
September	Ch.5 Outcomes of Democracy(Civics)	Poster Making
October	Ch.6 Manufacturing Industries(Geography) Ch.5 Print Culture and the Modern World(History) Ch.7 Life Lines of National Economy(Geography)	Project Making
November	Revision	
December	Revision	
January	Revision	
February	Revision	

Subject: Artificial Intelligence- Theory(417)

Month	Name of Chapter
February	A.I. Project Cycle (Part-B Unit-2), Visualization using Matplotlib, Numpy
March	contd., NLP (Part-B Unit-6)
April	NLP contd.
May	Introduction to A.I. (Part-B Unit-1)
July	Evaluation (Part-B Unit-7)
August	Part- A Unit – 4, Part- A Unit - 3

September	Contd., Part- A Unit – 2, 1, 5
October	Advance Python Part- B Unit - 3
November	Data Science Part- B Unit - 4
December	Computer Vision Part- B Unit - 5
January	Revision
February	Revision

Artificial Intelligence- Practical (417)

Month	Practical
March	Jupyter Notebook, IDLE, Introduction to Python
April	Python Basics, Introduction to Data Science
May	Applications of Data Science, Python for Data Sciences
July	Python for Data Sciences, Statistical Learning & Data Visualisation
August	Statistical Learning & Data Visualisation
September	Introduction to Computer Vision, Applications of CV
October	Understanding CV Concepts • Pixels • How do computers see images? • Image Features
November	Introduction to OpenCV, Image Processing
December	Introduction to CNN , Understanding CNN (Optional)** • Kernel • Layers of CNN
January	Testing CNN
February	Revision

Subject: Art Education

MONTH	SUBJECT ENRICHMENT ACTIVITY
February	Still life
March	Composition
April	Nature Study
May	Still life
July	Flower Study
August	Landscape
September	Portrait
October	Composition
November	Modern Art
December	Composition
January	Portrait
February	Landscape

Subject: Work Education

MONTH	SUBJECT ENRICHMENT ACTIVITY
February	Fabric painting
March	Caricature
April	Poster
May	Recycle Crafts
July	Collage
August	Cartoon face
September	Clay Pot
October	Rangoli Design
November	Logo Design
December	Mehandi Design
January	Typography
February	Poster