

SYLLABUS 2022 - 2023	
CLASS	X
NAME OF THE SUBJECT	ENGLISH
TEXT BOOKS	FIRST FLIGHT –Textbook for class X FOOTPRINTS WITHOUT FEET-Supplementary Reader for class X WORDS AND EXPRESSIONS-II- Workbook GRAMMAR-Integrated Grammar

**SYLLABUS:**

S. NO.	UNIT / CHAPTER	DISTRIBUTION OF MARKS
	READING	20
	WRITING	10
	GRAMMAR	10
	LITERATURE	40
	TOTAL	80
	INTERNAL ASSESSMENT	20
	GRAND TOTAL	100

**TERM I**

MONTH: APRIL 2022		PERCENTAGE OF SYLLABUS COVERED:
		13.63 %
LR-	A Letter to God Dust of Snow (P)	
SR-	A Triumph of Surgery	
WT-	Formal Letter-Letter to Editor	
GR-	Integrated Grammar Exercises (Gap-filling/ Editing/ Transformation Exercises)	
WB-	Unit-1	
READING SKILL-	Comprehension Passage (Discursive and Case-based)	

MONTH: MAY 2022		PERCENTAGE OF SYLLABUS COVERED: 11.36%
LR-	Nelson Mandela -Long Walk to Freedom Fire and Ice (P)	
SR-	The Thief's story	
WB-	Unit-2	
WT-	Formal Letter-Enquiry	

MONTH: JUNE 2022		PERCENTAGE OF SYLLABUS COVERED: _____ %

MONTH: JULY 2022	PERCENTAGE OF SYLLABUS COVERED: 13.63 %
LR- SR- WT- WB-	Two Stories About Flying A Tiger in the Zoo (P) How to Tell Wild Animals (P) The Midnight Visitor Formal Letter -Order Unit-3

MONTH: AUGUST 2022	PERCENTAGE OF SYLLABUS COVERED: 11.36 %
LR- SR- GR- WB- WT-	From the Diary of Anne Frank The Ball Poem (P) A Question of Trust Integrated Grammar Exercises Unit-4 Analytical Paragraph Writing

MONTH: SEPTEMBER 2022	PERCENTAGE OF SYLLABUS COVERED: 4.54 %
LR-  Term-I Exams	Glimpses of India Amanda (P)

#### TERM II

MONTH: OCTOBER 2022	PERCENTAGE OF SYLLABUS COVERED: 13.63%
LR- SR- WB- WT-	Mijbil the Otter The Trees (P) Fog (P) Footprints Without Feet Unit-7,8 Formal Letter - Complaint

MONTH: NOVEMBER 2022	PERCENTAGE OF SYLLABUS COVERED: 11.36%
LR- SR- GR- WB- WT-	Madam Rides the Bus The Tale of Custard the Dragon (P) The Making of a Scientist Integrated Grammar Exercises Unit-9 Formal Letter – Complaint (Business)

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MONTH: DECEMBER 2022		PERCENTAGE OF SYLLABUS COVERED: 11.36%
LR-	The Sermon at Benaras For Anne Gregory(P)	
SR-	The Necklace	
GR-	Integrated Grammar Exercises	
WB-	Unit-10	

MONTH: JANUARY 2023		PERCENTAGE OF SYLLABUS COVERED:6.81%
LR-	The Proposal	
SR-	Bholi	
WB-	Unit-11	

MONTH: FEBRUARY 2023		PERCENTAGE OF SYLLABUS COVERED: 2.27%
SR-	The Book that Saved the Earth	

MONTH: March 2023		PERCENTAGE OF SYLLABUS COVERED:
REVISION		

SYLLABUS 2022 - 2023	
CLASS	X
NAME OF THE SUBJECT	हिंदी-२
TEXT BOOKS	स्पर्श भाग 2, NCRT संचयन भाग 2 NCRT व्याकरण कुंज X PP publication
REFERENCE BOOKS	

**SYLLABUS:**

S. NO.	UNIT / CHAPTER	DISTRIBUTION OF MARKS
1.	अपठित बोध	10
2.	व्याकरण	16
3.	पाठ्य पुस्तक	28
4.	लेखन	26

MONTH: APRIL 2021	PERCENTAGE OF SYLLABUS COVERED: __12.5__ %
स्पर्श- गद्य- 1. बड़े भाई साहब पद्य - 1.साखी 2.पद व्याकरण- 1. समास 2. अनौपचारिक पत्र 3. अनुच्छेद 4. मुहावरे	

MONTH: MAY 2021	PERCENTAGE OF SYLLABUS COVERED: __12.5__ %
1. स्पर्श- गद्य-, 1. डायरी का एक पन्ना पद्य - 1.पद	

संचयन - हरिहर काका  
व्याकरण। - 1. अनुच्छेद लेखन  
2. अपठित गद्यांश

**MONTH: JUNE 2021**

**PERCENTAGE OF SYLLABUS COVERED: \_\_\_\_ %**

**MONTH: JULY 2021**

**PERCENTAGE OF SYLLABUS COVERED:**  
**\_\_9.5\_\_ %**

स्पर्श- गद्य- 1.तातांरा -वामीरो कथा  
2. तीसरी कसम के शिल्पकार शैलेंद्र  
पद्य- 1.मनुष्यता  
- 2. पर्वत प्रदेश में पावस  
व्याकरण- 1. पदबंध  
2.विज्ञापन लेखन

**MONTH: AUGUST 2021**

**PERCENTAGE OF SYLLABUS COVERED:**  
**\_\_18.5\_\_ %**

स्पर्श - गद्य - 1.अब कहां दूसरों के दुख में दुखी होने वाले  
2. पतझड़ में टूटी पत्तियां  
3. मधुर मधुर मेरे दीपक जल (पठान हेतु)  
संचयन -1 सपनों के से दिन  
व्याकरण - 1. रचना के आधार पर वाक्य रूपांतरण  
2.सूचना लेखन  
3. औपचारिक ई-मेल लेखन

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MONTH: SEPTEMBER 2021	PERCENTAGE OF SYLLABUS COVERED: __12__%
स्पर्श - (गद्य) 1. गिरगिट (पठान हेतु) ( पद्य)1. तोप 2. दोहे (पठान हेतु) व्याकरण - अपठित बोध लघु कथा लेखन	

MONTH: OCTOBER 2021	PERCENTAGE OF SYLLABUS COVERED: __12__%
स्पर्श -गद्य - कारतूस पद्य -कर चले हम फिदा संचयन- टोपी शुक्ला व्याकरण - अनुच्छेद लेखन सूचना लेखन	

MONTH: NOVEMBER 2021	PERCENTAGE OF SYLLABUS COVERED: __4.5__%
स्पर्श - पद्य - आत्मत्राण	

MONTH: DECEMBER 2021	PERCENTAGE OF SYLLABUS COVERED: __ %

<b>MONTH: JANUARY 2022</b>	<b>PERCENTAGE OF SYLLABUS COVERED: _____ %</b>

<b>MONTH: FEBRUARY 2022</b>	<b>PERCENTAGE OF SYLLABUS COVERED: _____ %</b>

SYLLABUS 2022 - 2023	
CLASS	X
NAME OF THE SUBJECT	MATHS
TEXT BOOKS	TEXT BOOK MATHEMATICS FOR CLASS X BY NCERT
REFERENCE BOOKS	REFERENCE BOOK EXEMPLAR PROBLEMS BY N.C.E.R.T.

**SYLLABUS:**

S. NO.	UNIT / CHAPTER	DISTRIBUTION OF MARKS
1.	NUMBER SYSTEMS	06
2.	ALGEBRA	20
3.	COORDINATE GEOMETRY	06
4.	GEOMETRY	15
5.	TRIGONOMETRY	12
6.	MENSURATION	10
7.	STATISTICS & PROBABILITY	11

MONTH: APRIL 2022	PERCENTAGE OF SYLLABUS COVERED: 21.43 %
<p><b>CH 2 POLYNOMIALS</b>            GEOMETRIC MEANING OF THE ZEROES OF A POLYNOMIAL            RELATIONSHIP BETWEEN ZEROES &amp; CO-EFFICIENTS OF QUADRATIC POLYNOMIAL</p> <p><b>CH 1 REAL NUMBERS</b>            THE FUNDAMENTAL THEOREM OF ARITHMETIC            REVISITING IRRATIONAL NUMBERS</p> <p><b>CH 3 PAIRS OF LINEAR EQUATIONS IN TWO VARIABLES</b>            GRAPHICAL METHOD OF SOLUTION OF A PAIR OF LINEAR EQUATIONS            CONSISTENCY/ INCONSISTENCY OF PAIR OF LINEAR EQUATIONS            ALGEBRAIC METHODS OF SOLVING A PAIR OF LINEAR EQUATIONS</p> <ul style="list-style-type: none"> <li>SUBSTITUTION METHOD</li> <li>ELIMINATION METHOD</li> </ul>	

MONTH: MAY 2022	PERCENTAGE OF SYLLABUS COVERED: 14.28 %
<p><b>CH 6 TRIANGLES</b>            SIMILARITY OF TRIANGLES            PROOF OF BASIC PROPORTIONALITY THEOREM            CRITERIA FOR SIMILARITY OF TRIANGLES</p>	



**CH 15 PROBABILITY**

PROBABILITY - THEORETICAL APPROACH

**MONTH: JUNE 2022****PERCENTAGE OF SYLLABUS COVERED: \_\_\_\_\_ %**

SUMMER VACATION

**MONTH: JULY 2022****PERCENTAGE OF SYLLABUS COVERED: 21.43 %****CH 7 CO-ORDINATE GEOMETRY**

DISTANCE FORMULA

SECTION FORMULA

**CH 8 INTRODUCTION TO TRIGONOMETRY**

TRIGONOMETRIC RATIOS

TRIGONOMETRIC RATIOS OF SOME SPECIFIC ANGLES

TRIGONOMETRIC IDENTITIES

**CH 9 SOME APPLICATIONS OF TRIGONOMETRY**

HEIGHTS &amp; DISTANCES

ANGLES OF ELEVATION/DEPRESSION BE ONLY  $30^\circ$ ,  $45^\circ$  AND  $60^\circ$ **MONTH: AUGUST 2022****PERCENTAGE OF SYLLABUS COVERED: 14.28 %****CH 4 QUADRATIC EQUATIONS**

SOLUTION OF A QUADRATIC EQUATION BY FACTORIZATION

SOLUTION OF A QUADRATIC EQUATION BY QUADRATIC FORMULA

NATURE OF ROOTS

**CH 5 ARITHMETIC PROGRESSION**

NTH TERM OF AN A.P.

SUM OF FIRST N TERMS OF AN A.P.

**MONTH: SEPTEMBER 2022****PERCENTAGE OF SYLLABUS COVERED: 7.14 %****CH 12 AREA RELATED TO CIRCLES**

PERIMETER &amp; AREA OF CIRCLE

AREA OF SECTOR &amp; SEGMENT OF A CIRCLE

**MONTH: OCTOBER 2022****PERCENTAGE OF SYLLABUS COVERED: 14.28 %**

**CH 10 CIRCLE**

TANGENTS TO A CIRCLE

NO. OF TANGENTS FROM A POINT ON THE CIRCLE

PROOF OF THEOREM 10.1 &amp; 10.2

**CH 14 STATISTICS**

MEAN OF GROUPED DATA

MODE OF GROUPED DATA

MEDIAN OF GROUPED DATA

**MONTH: NOVEMBER 2022****PERCENTAGE OF SYLLABUS COVERED: 7.14 %****CH 13 SURFACE AREA AND VOLUMES**

SURFACE AREA OF A COMBINATION OF SOLIDS

VOLUME OF COMBINATION OF SOLIDS

SYLLABUS 2022 - 2023	
CLASS	X
NAME OF THE SUBJECT	GEOGRAPHY
TEXT BOOKS	CONTEMPORARY INDIA-II
REFERENCE BOOKS	-

**SYLLABUS:**

S. NO.	UNIT / CHAPTER
1.	CH 1. Resources and Development
2.	CH 2. Forest and Wildlife
3.	CH 3. Water Resources
4.	CH 4. Agriculture
5.	Ch 5. Minerals and Energy Resources
6.	CH 6. Manufacturing Industries
7.	CH 7. Life Lines of National Economy

MONTH: MARCH/APRIL 2022	PERCENTAGE OF SYLLABUS COVERED: 20_ %
CH 1. 1. Resources and Development: • Concept • Development of Resources • Resource Planning - Resource Planning in India, Conservation of Resources • Land Resources • Land Utilization • Land Use Pattern in India	

MONTH: MAY 2022	PERCENTAGE OF SYLLABUS COVERED: 20_ %
Chapter 1. Resources and Development • Land Degradation and Conservation Measures • Soil as a Resource - Classification of Soils, Soil Erosion and Soil Conservation (excluding Box Information on State of India's Environment)	
Chapter 2- Forest and Wildlife • Conservation of forest and wildlife in India • Types and distribution of forests and wildlife resources • Community and Conservation	
Chapter 3 . Water Resources: • Water Scarcity and The Need for Water Conservation and Management • Multi-Purpose River Projects and Integrated Water Resources Management • Rainwater Harvesting	

<b>MONTH: JULY 2022</b>	<b>PERCENTAGE OF SYLLABUS COVERED: 15 %</b>
4.Agriculture: • Types of Farming – Primitive Subsistence, Intensive Subsistence, Commercial, • Cropping Pattern – Major Crops, Food Crops other than Grains, Non Food Crops MAP WORK: a. Major areas of Rice and Wheat b. Largest / Major producer States of Sugarcane, Tea, Coffee, Rubber, Cotton and Jute	

<b>MONTH: AUGUST 2022</b>	<b>PERCENTAGE OF SYLLABUS COVERED: _15 %</b>
4. Agriculture -Technological and Institutional Reforms • Food Security (excluding impact of globalization on agriculture)  5. 5. Minerals and Energy Resources • What is a mineral? • Mode of occurrence of Minerals - Where are these minerals found?, Ferrous Minerals, Non-Ferrous Minerals, NonMetallic Minerals, Rock Minerals • Conservation of Minerals • Energy Resources - Conventional Sources of Energy, Non-Conventional Sources of Energy • Conservation of Energy Resources MAP WORK:Chapter 5: Minerals and Energy Resources Power Plants-(Locating and Labelling only) a. Thermal • Namrup • Singrauli • Ramagundam b. Nuclear • Narora • Kakrapara • Tarapur • Kalpakkam	

<b>MONTH: SEPTEMBER 2022</b>	<b>PERCENTAGE OF SYLLABUS COVERED:15 %</b>
6. Manufacturing Industries • Importance of manufacturing • Contribution of Industry to National Economy • Industrial Location • Classification of Industries  MAP WORK: Chapter 6: 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. Vijaynagar f. Salem Software Technology Parks: a. Noida b. Gandhinagar c. Mumbai d. Pune e. Hyderabad f. Bengaluru g. Chennai h. Thiruvananthapuram  REVISION-CH1,2,3,4	

<b>MONTH: OCTOBER 2022</b>	<b>PERCENTAGE OF SYLLABUS COVERED: 10_ %</b>
6. 6. Manufacturing Industries: • 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 WORK-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
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<b>MONTH: NOVEMBER 2022</b>	<b>PERCENTAGE OF SYLLABUS COVERED: 3_ %</b>
CH 7. Life Lines of National Economy: • Roadways • Railways • Pipelines • Waterways • Major Seaports • Airways • Communication • International Trade • Tourism as a Trade	

<b>MONTH: DECEMBER 2022</b>	<b>PERCENTAGE OF SYLLABUS COVERED: 2 %</b>
MAP WORK: Chapter 7: Lifelines of National Economy 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 International Airports: a. Amritsar (Raja Sansi) b. Delhi (Indira Gandhi International) c. Mumbai (Chhatrapati Shivaji) d. Chennai (Meenam Bakkam) e. Kolkata (Netaji Subhash Chandra Bose) f. Hyderabad (Rajiv Gandhi) Revision	

<b>MONTH: JANUARY 2023</b>	<b>PERCENTAGE OF SYLLABUS COVERED: %</b>
REVISION	

<b>MONTH: FEBRUARY 2023</b>	<b>PERCENTAGE OF SYLLABUS COVERED: ____ %</b>
REVISION	

SYLLABUS 2022 - 2023	
<b>CLASS</b>	X
<b>NAME OF THE SUBJECT</b>	ECONOMICS
<b>TEXT BOOKS</b>	Economics NCERT
<b>REFERENCE BOOKS</b>	-

**SYLLABUS:**

S. NO.	UNIT / CHAPTER	DISTRIBUTION OF MARKS
1.	1.Development •	NA

	5. Consumer Rights Note: Chapter 5 'Consumer Rights' to be done as Project Work.	
2.	2. Sectors of the Indian Economy •	
3.	3. Money and Credit	
4.	4. Globalization and the Indian Economy	
<b>MONTH: MARCH/APRIL 2022</b>		<b>PERCENTAGE OF SYLLABUS COVERED: 20 %</b>
1.Development • What Development Promises - Different people different goals • Income and other goals • National Development • How to compare different countries or states? • Income and other criteria • Public Facilities • Sustainability of development  5. Consumer Rights Note: Chapter 5 'Consumer Rights' to be done as Project Work.  2. Sectors of the Indian Economy • Sectors of Economic Activities • Comparing the three sectors		

<b>MONTH: MAY 2022</b>		<b>PERCENTAGE OF SYLLABUS COVERED: 20_ %</b>
2. Sectors of the Indian Economy • Primary, Secondary and Tertiary Sectors in India • Division of sectors as organized and unorganized • Sectors in terms of ownership: Public and Private Sectors  3. Money and Credit • Money as a medium of exchange • Modern forms of money		

<b>MONTH: JULY 2022</b>		<b>PERCENTAGE OF SYLLABUS COVERED: 15_ %</b>
3. Money and Credit • Loan activities of Banks • Two different credit situations • Terms of credit • Formal sector credit in India • Self Help Groups for the Poor		

<b>MONTH: AUGUST 2022</b>		<b>PERCENTAGE OF SYLLABUS COVERED: 15_ %</b>
Chapter 3-S.H.G.		

<b>MONTH: SEPTEMBER 2022</b>		<b>PERCENTAGE OF SYLLABUS COVERED: 15 %</b>
4. Globalization and the Indian Economy • Production across countries • Interlinking production		

across countries • Foreign Trade and integration of markets • What is globalization?

REVISION

**MONTH: OCTOBER 2022**

**PERCENTAGE OF SYLLABUS COVERED: 10\_ %**

4. Globalization and the Indian Economy • Factors that have enabled Globalisation • World Trade Organisation • Impact of Globalization on India

**MONTH: NOVEMBER 2022**

**PERCENTAGE OF SYLLABUS COVERED: 5\_ %**

4. Globalization and the Indian Economy • The Struggle for a fair Globalisation

REVISION

**MONTH: DECEMBER 2022**

**PERCENTAGE OF SYLLABUS COVERED: \_ %**

REVISION

**MONTH: JANUARY 2023**

**PERCENTAGE OF SYLLABUS COVERED: \_ %**

REVISION

**MONTH: FEBRUARY 2023**

**PERCENTAGE OF SYLLABUS COVERED: \_\_\_\_\_ %**

REVISION

<b>SYLLABUS 2022-23</b>	
<b>CLASS</b>	X
<b>NAME OF THE SUBJECT</b>	HISTORY AND POLITICAL SCIENCE
<b>TEXT BOOKS</b>	INDIA AND THE CONTEMPORARY WORLD –II DEMOCRATIC POLITICS- II <i>Note: Please procure latest reprinted edition (2021) of prescribed NCERT textbooks.</i>
<b>REFERENCE BOOKS</b>	ALL IN ONE SOCIAL SCIENCE CLASS X

**SYLLABUS:**

<b>S. NO.</b>	<b>UNIT / CHAPTER</b>
HISTORY	CH 1 NATIONALISM IN EUROPE
	CH2 NATIONALISM IN INDIA
	Ch 3 THE MAKING OF A GLOBAL WORLD
	CH 4 AGE OF INDUSTRIALISATION
	CH 5 PRINT CULTURE AND MODERN WORLD
POLITICAL SCIENCE	CH 1 POWER SHARING
	CH.2 FEDERALISM
	CH GENDER, RELIGION AND CASTE
	CH 6 POLITICAL PARTIES
	CH.7 OUTCOMES OF DEMOCRACY

<b>MONTH: APRIL 2022</b>	<b>PERCENTAGE OF SYLLABUS COVERED: 10%</b>
HISTORY	CH 1 NATIONALISM IN EUROPE
POL.SC.	CH 1 POWER SHARING (Intro.)

<b>MONTH: MAY 2022</b>	<b>PERCENTAGE OF SYLLABUS COVERED: 10%</b>
HISTORY	CH2 NATIONALISM IN INDIA (Intro)
POL.SC.	CH 1 POWER SHARING (cont.)

<b>MONTH: JULY 2022</b>	<b>PERCENTAGE OF SYLLABUS COVERED: 15%</b>
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HISTORY	CH2 RISE OF NATIONALISM IN INDIA (contd.)
HISTORY	Ch 3THE MAKING OF GLOBAL WORLD (Intro)
POL.SC.	CH.2 FEDERALISM

MONTH: AUGUST 2022	PERCENTAGE OF SYLLABUS COVERED: 20%
HISTORY CH 2 RISE OF NATIONALISM IN INDIA (contd.)	
HISTORY CH 3THE MAKING OF GLOBAL WORLD (contd.)	
POL.SC CH4 GENDER, RELIGION AND CASTE(Intro.)	

MONTH: SEPTEMBER 2022	PERCENTAGE OF SYLLABUS COVERED:5%
POL.SC CH 4 GENDER, RELIGION AND CASTE (contd.)	
HISTORY/ POLITICAL SCIENCE REVISION	

<b>MONTH: OCTOBER 2022</b>		<b>PERCENTAGE OF SYLLABUS COVERED: 20%</b>
HISTORY	CH 4 AGE OF INDUSTRIALISATION (Intro.) CH 5 PRINT CULTURE AND MODERN WORLD	
POL.SC.	CH 6 POLITICAL PARTIES CH.7 OUTCOMES OF DEMOCRACY	
<b>MONTH: NOVEMBER 2022</b>		<b>PERCENTAGE OF SYLLABUS COVERED: 20%</b>
HISTORY	CH.4 AGE OF INDUSTRIALISATION (contd.) CH5 PRINT CULTURE AND MODERN WORLD (contd.)	
POL.SC.	CH 6 POLITICAL PARTIES (Contd.) CH.7 OUTCOMES OF DEMOCRACY (Contd.)	

<b>MONTH: DECEMBER 2022</b>
REVISION

<b>MONTH: JANUARY 2023</b>
PREBOARD

<b>MONTH: FEBRUARY 2023</b>
MOCK TEST



**SYLLABUS (MONTH WISE)****CLASS X****G. SCIENCE**

Text Book : NCERT		
Reference Book (if any) : SECONDARY PHYSICS (APC)		
SECONDARY CHEMISTRY (APC)		
SECONDARY BIOLOGY (APC)		
<b>Unit No.</b>	<b>Unit</b>	<b>Marks</b>
I	Chemical Substances-Nature and Behavior	25
II	World of Living	25
III	Natural Phenomena	12
IV	Effects of Current	13
V	Natural Resources	05
	<b>Total</b>	<b>80</b>
	<b>Internal assessment</b>	<b>20</b>
	<b>Grand Total</b>	<b>100</b>

<b>MONTH: MARCH.APRIL AND MAY 2022</b>	<b>PERCENTAGE OF SYLLABUS COVERED:10%</b>
Chapter - Chapter Chemical Reactions And Equations Chapter10: Light – Reflection And Refraction Chapter 6: Life Processes – Nutrition <b>MAY</b> Chapter10: Light – Reflection And Refraction. (Contd. Chapter2: Acids, Bases And Salts Chapter6: Life Processes –Respiration	
<b>MONTH: JULY</b>	<b>PERCENTAGE OF SYLLABUS COVERED: 20%</b>
Chapter 2: Acids, Bases And Salts-Continued Chapter 3: Metals And Non-Metals Chapter 11: The Human Eye And The Colourful World. Chapter. 6: Life Processes: Transportation And Excretion Chapter.7: Control And Coordination	
<b>MONTH: AUGUST</b>	<b>PERCENTAGE OF SYLLABUS COVERED: 30%</b>
Chapter -3: Metals And Non-Metals-Continued Chapter 11: The Human Eye And The Colourful World. Chapter 8: How Do Organisms Reproduce? (Cont.) Revision	
<b>MONTH: SEPTEMBER</b>	<b>PERCENTAGE OF SYLLABUS COVERED:</b>
REVISION	
<b>MONTH: OCTOBER</b>	<b>PERCENTAGE OF SYLLABUS COVERED: 20%</b>
Chapter -4 Carbon And Its Compounds Chapter12: Effects Of Electric Current Chapter.8: How Do Organisms Reproduce? (Cont.)	

Chapter.9 heredity and evolution	
<b>MONTH: NOVEMBER</b>	<b>PERCENTAGE OF SYLLABUS COVERED: 10%</b>
Chapter -4: carbon and its compounds –continued Chapter12: Effects of electric current (contd.) Chapter 13:Magnetic effects of electric current Chapter 8: how do organisms reproduce? (cont. Chapter 9: heredity and evolution (cont.) Chapter 5. Our environment	
<b>MONTH: DECEMBER</b>	<b>PERCENTAGE OF SYLLABUS COVERED: 10%</b>
Chapter -4 Carbon And Its Compounds –Continued Chapter 15. Our Environment Chapter 13: Magnetic Effects Of Electric Current (Contd.) Chap 15. Our Environment (Cont.)	
<b>MONTH: JANUARY -FEBRUARY</b>	<b>PERCENTAGE OF SYLLABUS COVERED:</b>
REVISION	

## PRACTICALS

- 1) Determination of the focal length of (i) Concave mirror and (ii) Convex lens by obtaining the  
Image of a distant object. Unit-III:(Chapter- 10)
- 2) Tracing the path of a ray of light passing through a rectangular glass slab for different angles of

Incidence. Measure the angle of incidence, angle of refraction, and angle of emergence and interpret the result.

Unit-III:(Chapter-10)

- 3) Tracing the path of the rays of light through a glass prism. Unit-III:(Chapter-11)
- 4) Studying the dependence of potential difference (V) across a resistor on the current (I) passing through it and determining its resistance. Also plotting a graph between V and I.

Unit-IV:(Chapter-12)

- 5) Determination of equivalent resistance of two resistors when connected in series and parallel

#### CHEMISTRY PRACTICALS:

1. Finding the pH of the following samples by using pH paper/universal indicator:
    - (i) Dilute Hydrochloric Acid
    - (ii) Dilute NaOH solution
    - (iii) Dilute Ethanoic Acid solution
    - (iv) Lemon juice
    - (v) Water
    - (vi) Dilute Hydrogen Carbonate solution
  2. Studying the properties of acids and bases (HCl & NaOH) on the basis of their reaction with:
    - a) Litmus solution (Blue/Red)
    - b) Zinc metal
    - c) Solid sodium carbonate
- Unit-I:(Chapter-2)**
3. Performing and observing the following reactions and classifying them into:
    - A. Combination reaction
    - B. Decomposition reaction
    - C. Displacement reaction

D Double displacement reaction by the

- (i) Action of water on quicklime
- (ii) Action of heat on ferrous sulphate crystals
- (iii) Iron nails kept in copper sulphate solution
- (iv) Reaction between sodium sulphate and barium chloride solutions.

4. A. Observing the action of Zn, Fe, Cu and Al metals on the following salt solutions:

- (i)  $\text{ZnSO}_4(\text{aq})$
- (ii)  $\text{FeSO}_4(\text{aq})$
- (iii)  $\text{CuSO}_4(\text{aq})$
- (iv)  $\text{Al}_2(\text{SO}_4)_3(\text{aq})$

B. Arranging Zn, Fe, Cu and Al (metals) in the decreasing order of reactivity based on the above result.

5. Study of the following properties of acetic acid (ethanoic acid)

- i) Odour
- ii) solubility in water
- iii) effect on litmus
- iv) reaction with sodium hydrogen carbonate

6. Study of comparative cleaning capacity of a sample of soap in hard and soft water.



## BIOLOGY

1. Experimentally show that carbon dioxide is given out during respiration.

Studying (a) binary fission in Amoeba, and (b) budding in yeast with the help of prepared slides.

SYLLABUS 2022 - 2023	
CLASS	X
NAME OF THE SUBJECT	Visual Arts

**MONTH: APRIL**

Still Life, Nature Study.

**MONTH: MAY 2021**

Project on awareness of Visual art, artists.  
Bird/ Animal Study.

**MONTH: JUNE 2021**

Summer Vacation

**MONTH: JULY 2021**

Landscape with pen & Ink/ mixed media.

**MONTH: AUGUST**

Project on awareness of Visual art, artists.  
Landscape Painting.

**MONTH: SEPTEMBER**

Composition in mixed media.

<b>MONTH: OCTOBER</b>
Composition in mixed media, Sketching.

<b>MONTH: NOVEMBER 2021</b>
Indian Folk art

<b>MONTH: DECEMBER 2021</b>
Rangoli/Alpana , Craft Work Submission of Paintings.

<b>MONTH: JANUARY</b>
Complete of all Works

<b>SYLLABUS 2022 – 2023</b>	
<b>CLASS</b>	X
<b>NAME OF THE SUBJECT</b>	VOCAL DANCE INSTRUMENTAL MUSIC

**SYLLABUS:**

<b>MONTH: APRIL 2022</b>	<b>PERCENTAGE OF SYLLABUS COVERED: _10%</b>
SATARARAMBH Revision of class IX SYLLABUS Expression Dance, Instrumental & Vocal Composition based on Indian classical & western music	

<b>MONTH: MAY 2022</b>	<b>PERCENTAGE OF SYLLABUS COVERED: _10 %</b>
ANNUAL DAY MUSIC ARRANGEMENT /RECORDINGS Compositions on inspiration theme Annual day Recordings	

2

<b>MONTH: JUNE 2022</b>	
Summer Vacations	

<b>MONTH: JULY 2022</b>	<b>PERCENTAGE OF SYLLABUS COVERED: _10%</b>
VIBGYOR	

Fusion of Western and Classical music/Dance  
Classical and Western music Compositions  
Preparations for VIBGYOR live stage show

**MONTH: AUGUST 2022**

**PERCENTAGE OF SYLLABUS COVERED: \_\_10 %**

PATRIOTIC MUSIC

Patriotic Songs and Dances

Notation of Jhaptaal , Soul,Waltz Western Rhythms Dadra , Kehrwa, Rupak

**MONTH: SEPTEMBER 2022**

**PERCENTAGE OF SYLLABUS COVERED: \_10%**

ASSIGNMENT

Practical Test of Music Dance

**MONTH: OCTOBER 2022**

**PERCENTAGE OF SYLLABUS COVERED: 10 %**

ANNUAL DAY PRACTICES

**MONTH: NOVEMBER 2022**

**PERCENTAGE OF SYLLABUS COVERED: 10 %**

ANNUAL DAY PRACTICES

**MONTH: DECEMBER 2022**

**PERCENTAGE OF SYLLABUS COVERED: \_10%**

RHYTHM

Band Formation and Group Formation of Dances

RHYTHM preparations

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<b>MONTH: JANUARY 2023</b>	<b>PERCENTAGE OF SYLLABUS COVERED: 10 %</b>
REVISION	

<b>MONTH: FEBRUARY 2023</b>	<b>PERCENTAGE OF SYLLABUS COVERED: __10%</b>
REVISION	

**CLASS X**  
**COMPUTER: ICT**  
**2022-23**

**Textbook: Simple Dose of QBasic by Navdeep Publications**

**APRIL**

Chapter 1: Getting Started with Q Basic

**MAY**

Chapter 2: Graphics in Q Basics

**JULY**

Chapter 3: Q Basic Language Fundamentals

**AUGUST**

Chapter 4: Writing Programs using Flowcharting

**SEPTEMBER**

Chapter 5: Control Structures in Q Basics

**OCTOBER**

Chapter 5: Control structures in Q Basics contd.

**NOVEMBER**

Chapter 6: Functions in Q Basics

**DECEMBER**

Chapter 7: Sample Projects in Q basics

**JANUARY**

Revision

**FEBRUARY**

Revision

## **WORK EDUCATION**

**2022-23**

1. FUN WITH EXCEL/ SCIENCE GURU
2. MY OWN KITCHEN GARDEN/ INDOOR OXY BOOSTERS
3. WEB DEVELOPMENT
4. CYBER SECURITY (ONLINE RESPONSIBILITY)
5. INTELLUCTUAL PROPERTY RIGHTS/CYBER SAFETY ACTIVITY
6. ADMAD/ LOGO BOUTIQUE
7. FOOD FESTIA
8. PREPARING HAPPINESS BOX FOR OUR HELPERS
9. KAVI SAMMELAN
10. PUPPET MAKERS



# PHYSICAL EDUCATION 2022- 2023

## SYLLABUS CLASS X

### Game/sport

**APRIL - MAY 2022**

**1. ONLINE /OFF LINE INTER HOUSE TUG OF WAR**

**2.ONLINE – YOGA** - 1 SITTING ASANA -- NAUKASANA  
2 STANDING ASANA . TRIKONASANA,VRIKASANA

ONLINE - AEROBICS

ONLINE – ENDURANCE FITNESS

ONLINE – AGILITY WORKOUT

ONLINE – HIGH INTENSITY WORKOUT

**1 LATEST GENERAL RULES OF THE GAMES/SPORTS (ANY ONE GAME/SPORT OF STUDENTS' CHOICE OFFERED BY THE SCHOOL).**

GAMES	DESCRIPTIONS
ATHLETIC	1 SHORT DISTANCE RACES – A) 100 MTS, B) 200 MTS.,C) 400 MTS
BASKETBALL	DIMENSION OF COURT,FRONT,BACK COURT RECTRICTED AREA,FREE THROWS
BADMINTON	BASIC SHOTS,ROTATION SYSTEM,
CRICKET	BASIC BOWLING ACTION ,BATTING – GRIP, HOLD, STANCE& FOLLOW THROUGH, BOWING CREASE, BATTING CREASE,POPPING CREASE
CHESS	BASIC RULES OF CHESS,SET UP ,MOVEMENT&CHECK
FOOTBALL	RULES & REGULATIONS OF THE GAME.2. MEASUREMENT OF THE GROUND.
ROPE SKIPPING	CRISS CROSS
SWIMMING	FLOATING, BREATHING, KICKING, PADDLING, ARM PULL,25 MTS FREE STYLE
TENNIS	GRIP, STANCE, UNDER HAND DRIVE, UNDER ARM SERVICE
VOLLEY BALL	BASIC RULES & REGULATIONS ,SERVING &BLOCKING

**JULY 2022**

**1.ONLINE/OFFLINE INTER HOUSE CRICKET**

**2 .ONLINE –YOGA** DHANURASANA, BHUJANGASANA, VAJRASANA,

ONLINE - AEROBICS

ONLINE – ENDURANCE FITNESS

ONLINE – AGILITY WORKOUT

ONLINE – HIGH INTENSITY WORKOUT

**ANY ONE FITNESS TEST**

PHYSICAL FITNESS TEST	SIT-UPS, MODIFIED PULL UPS, 1,6 KMTS RUN, 20MTS SHUTTLE RUN , SIT & REACH TEST
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**AUGUST TO OCTOBER 2022**

**1. ONLINE/ OFF LINE INTER HOUSE VOLLEY BALL**

**ONLINE – YOGA** --- NATARAJASANA, HALASANA,

ONLINE - AEROBICS

ONLINE – ENDURANCE FITNESS

ONLINE – AGILITY WORKOUT

ONLINE – HIGH INTENSITY WORKOUT

**2. FUNDAMENTAL SKILLS OF GAME/SPORT (ANY ONE GAME/SPORT OF STUDENT'S CHOICE OFFERED BY THE SCHOOL).**

GAMES
ATHLETIC, BASKETBALL, BADMINTON. CRICKET, CHESS, FOOTBALL, ROPE SKIPPING, SWIMMING, TENNIS& VOLLEY BALL

**NOVEMBER 2022**

**ONLINE/OFFLINE INTER HOUSE CHESS**

**ONLINE – YOGA** - VIRABHADRASANA, TADASANA

ONLINE - AEROBICS

ONLINE – ENDURANCE FITNESS

ONLINE – AGILITY WORKOUT

ONLINE – HIGH INTENSITY WORKOUT

**ANY ONE FITNESS TEST**

PHYSICAL FITNESS TEST	SIT-UPS, MODIFIED PULL UPS, 1,6 KMTS RUN, 20MTS SHUTTLE RUN , SIT & REACH TEST
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#### RELATED SPORT TERMINOLOGY USED IN GAMES

GAMES
ATHLETIC BASKETBALL, BADMINTON , CRICKET, CHESS, FOOTBALL, ROPE SKIPPING , SWIMMING , TENNIS, TABLE TENNIS, VOLLEY BALL

#### DECEMBER& JANUARY 2023

1. ONLINE/ OFF LINE INTER HOUSE BADMINTON
2. HEALTH AND PHYSICAL ASSESSMENT (HPE)
3. CBSE TOURNAMENTS PRACTICE & MATCHES

• GAMES TOURNAMENT
ATHLETIC, BASKETBALL, BADMINTON. CRICKET, CHESS, FOOTBALL, ROPE SKIPPING, SWIMMING, TENNIS& VOLLEY BALL

#### FEBRUARY to MARCH 2023

1. ONLINE/ OFF LINE INTER HOUSE BASKET BALL
2. ONLINE – YOGA - TRIKONASANA ,VRIKSASANA  
ONLINE - AEROBICS  
ONLINE – ENDURANCE FITNESS  
ONLINE – AGILITY WORKOUT  
ONLINE – HIGH INTENSITY WORKOUT
3. RECORDS OF DIFFERENT GAMES

• GAMES TOURNAMENT
ATHLETIC, BASKETBALL, BADMINTON. CRICKET, CHESS, FOOTBALL, ROPE SKIPPING, SWIMMING, TENNIS& VOLLEY BALL

#### 4. ONE FITNESS TEST

PHYSICAL FITNESS TEST	SIT-UPS, MODIFIED PULL UPS, 1,6 KMTS RUN, 20MTS SHUTTLE RUN , SIT & REACH TEST
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## SPORTS CALENDAR SESSION 2022-23

S.NO	MONTHS	SPORTS ACTIVITIES MONTH-WISE			
		IX	X	XI	XII
1	April & May	Tug of war	Tug of war	Tug of war	Tug of war
2	July	Cricket	Cricket	Badminton	Cricket
3	August	Volley ball	Volley ball	Volley ball	Volley ball
4	October	ANNUAL ATHLETIC MEET			
5	November	Chess	Chess	Basketball	Chess

5	December & January	Badminton	Badminton	Chess	Badminton
6	February & March	Basket ball	Basketball	Cricket	Basket ball