

# CLASS - X

## Curriculum Planner : 2021-22

### ENGLISH

Months & Date	Lesson	Arts Integrated Activity
April	1-15 Letter to God	Hands on activity: Filling money order form at Post Office.
	Dust of Snow Fire and Ice	Slide Show (Dust of Snow & Fire and Ice)
16-30	Nelson Mandela-Long walk to freedom (History)	PPT, Bio-Sketch of Nelson Mandela Pg. 28 (What you can do)
	A triumph of survey (Science) ASL (Physical Education)	Creative Writing 1. Importance of Balanced Diet. 2. Indispensable role of exercise. <b>ASL:</b> 1. True liberty is freedom from poverty, deprivation & cell forms of discrimination. 2. Colour prejudice in our country
May	1-15 The thief's story A tiger in the zoo How to tell the wild animals	Pair share & discuss "Are zoos necessary for the protection or conservation of some species of animals" Slide Show (How to tell wild animals) "Honesty is the best policy speech"
	16-30 Letter Writing <b>Grammar</b> Two stories about flying ASL	Role Play (For ASL) Activity mentioned in text book pg. 36 and 42
July	1-15 The Midnight Visitor From the Diary of Anne Frank	PPT on conductor of Jews (History)
	The Ball Poem	Culical world war II interpretation of ones from stangas.
16-30	The Hundred Dresses Part-I The Hundred Dresses Part-I	Pg. 80, Role play (Pg. 82)

		Amanda Geo. : 6, 7	Mind Map / Slide Show
<b>Aug</b>	1-15	A Question of Keust Footprints without feet	“Using Beellance in negative way”
	16-30	Analytical Paragraph ASL The making of a Scientist Glimpses of India Animals	Bio-sketch Pg. no. 89 and 98 Scrap Book
<b>Oct.</b>	1-15	Mrjbil the other Madam Rides the Bus The Necklace Fog	Pg. 114 (activity) Brochure / Flyer Jewellery Making Mind Map
	16-30	The Seewan of Benary The Proposal The Hack Driver The Tales of Custard me Dragon	Pg. 136 Role Play
<b>Nov.</b>	1-15	Bholi The book not saved the earth For Anne Gregory	Without interpretation of lines form stanza
	<b>16-30</b>	<b>Revision</b>	
<b>Dec, Jan. &amp; Feb.</b>	<b>Revision + Pre-Board</b>		
<b>Syllabus for P-I</b>	Letter to God, Fire & Ice, Dust of Snow A triumph of Surgery, Nelson Mandela Letter Writing		
<b>Syllabus for P-II</b>	Syllabus covered in July & August. the thief Story, A Tiger in Zoo, How to tell the wild animals		
<b>Syllabus for P-III</b>	Complete Syllabus		

# MATHEMATICS

Months & Date	Lesson	Arts Integrated Activity
<b>April</b>	1-15 Ch-1 and 2 16-30 Ch-3	Graph of polynomials and finding their zeroes
<b>May</b>	1-15 Ch-3 Contd. 16-27 Ch-1, 2 & 3 (Revision)	Plotting of linear equation & checking their consistency
<b>July</b>	1-15 Ch.-4, Ch-5 16-31 Ch-5 (Contd.)	To verify given series in an AP
<b>Aug.</b>	1-15 Ch-6 16-31 Ch-7 & 8	Project/Models of Ch-8
<b>Sept.</b>	1-15 Ch-8 (Contd.) 16-30 Revision + Exams	MCQ/Quiz Testing
<b>Oct.</b>	1-15 Ch-9 & 10 16-31 Ch-11 & 12	Using cutting pasting finding area of a circle
<b>Nov.</b>	1-15 Ch-13 & 14 16-30 Ch-14 (Contd.) Ch-15	PPT/Video of chapters
<b>Dec.</b>	<b>Revision</b>	
<b>Syllabus</b>		
<b>Periodic-I</b>	Ch-1, 2, 3	
<b>Periodic-II</b>	Ch-1 to 7	
<b>Periodic-III</b>	Ch-5 to 15	
<b>Pre-Board</b>	Full Syllabus	

## FOOD PRODUCTION

Month	Date	Unit	Topic	Art Integration	Practical
April	01.04.21 – 16.04.21 16.04.21 – 30.04.21	Ch-1 Ch-2 Ch-3	Introduction to Cookery Method of Cooking Vegetable & Fruit cookery	Slide show/ PPT Culinary Art	Musical Presentation of any form culinary art Demonstration of cooking by steaming, grilling, boiling, frying, baking, roasting methods.
May	01.05.21 – 20.05.21	Ch-4 Ch-5 Ch-6	Soups Salad Sandwiches	Culinary Art	Demonstration of receipes of soups Demonstration of Salad making Demonstration of Sandwiches
<b>June</b>	<b>SUMMER BREAK</b>		<b>Colourful preparation of Notes booklet Colourful preparation of Recepte file</b>		
July	01.07.21 – 15.07.21 16.07.21 – 31.07.21	Ch-1,2 Ch-3,4	Revision of chapters 1,2,3,4, 5,6. Employability skills book		Table setting File making
Aug	01.08.21 – 15.08.21 16.08.21 – 31.08.21	Ch-5,6	Revision of practical work Employability skills book		Preparation of protein rich snacks
<b>Sep</b>		<b>Ch-1 to 6</b>	<b>TERM- I EXAMINATION</b>		<b>Practical Examination</b>
Oct	01.10.21 – 15.10.21 16.10.21 – 31.10.21		Revision of full syllabus		Preparation of healthy snacks
Nov	01.11.21 – 15.11.21 16.11.21 – 31.11.21	Ch-1 to 6	Revision of full syllabus		Revision & practicing of dishes Preparation of Multi Mixes
<b>DEC</b>			<b>TERM-II EXAMINATION</b>		
<b>JAN</b>		<b>Ch-1 to 6</b>	<b>REVISION, PRE-BOARD EXAMINATION</b>		
<b>FEB</b>		<b>Ch-1 to 6</b>	<b>REVISION</b>		
<b>MAR</b>		<b>Ch-1 to 6</b>	<b>BOARD EXAMINATION</b>		

Examination	Month	Syllabus
Class Test (P-1)	May	Chapter-I, II
(P-2)	September	Chapter-I to VI, Employability skills
(P-3)	December	Chapter-I to VI, Employability skills

## BIOLOGY

Month	Topic/chapter	Activity
April	Ch:6, life processes	PPT, Sketches, Flow Chart
May	Ch: 6, cont. Ch: 7 Control And Coordination Periodic - I	Videos, Flow Chart, Mind Mapping, Sketches
July	Ch: 7 Cont. Ch: 8 Reproduction	Demonstration, Videos, Models And Diagrams
August	Ch: 8 Cont. Ch: Heredity And Evolution	Mind Mapping, Crosses Solving, Videos
September	Ch: 9 cont. PERIODIC – II	Mind Mapping, Crosses Solving, Videos
October	Ch: 15, Our Environment	PPT, Videos, Sketching
November	Ch: 16, Management Of Natural Resources	PPT, Videos
December	REVISION, PERIODIC-III	REVISION
January	Revision, Pre-Board	REVISION
February	REVISION	REVISION
March	Final exams.....	

## CHEMISTRY

Month	Topic/chapter	Activity
April	Ch:1 Chemical Equations Of Reactions	Games, Videos, Cartooning
May	Ch: 2, Acid, bases and salt Periodic – 1	Videos, Demonstration Of Activity Of Chapter
July	Ch: 2 cont.	PPT on various salts and their uses
August	Ch:3, metals and non metals	Videos, PPTS, demonstrating activities
September	Revision, periodic-II Ch:5, classification of elements	Cartooning, periodic table bases game
October	Ch:5 cont.	Cartooning, periodic table bases game
November	Ch:4, carbon and its compounds	3d model of hydrocarbons, videos, PPTS
December	Ch:4 cont. Revision, periodic – III	3d model of hydrocarbons, videos, PPTS
January	Revision, Pre-board	
February	Revision	
March	Final exams.....	

## PHYSICS

<b>Month</b>	<b>Topic/chapter</b>	<b>Activity</b>
April	Ch:1 10, Reflection Of Light	Videos, Mirror Activities, Image Formation Activities
May	Ch:10, Refraction Of Light Periodic – I	Videos, Lens Activities, Cartooning Story Telling
July	Ch:11, Human Eye	Model Demonstration Of Eye, Prism Activity, Drawing Diagrams Of Defects And Prism
August	Ch:14, Sources Of Energy	Solar Water Heater, Solar Powered Rooms Model Making
September	Ch:14 cont, revision, PERIODIC –II	Solar Water Heater, Solar Powered Rooms Model Making
October	Ch: 12, Electricity	Relation between current and pot. Difference, circuit diagrams making
November	Ch:13, Magnetic effects of current	Coil and magnet activity, felmings left hand rule demonstration
December	Ch: 13 cont. REVISION, PERIODIC – III	REVISION
January	Revision, Pre-board	REVISION
February	REVISION	
March Final exams....		

## PRACTICALS OF SCIENCE

Month	Topic
April	<ol style="list-style-type: none"> <li>1. FOCAL LENGTH OF CONCAVE MIRROR AND CONVEX LENS</li> <li>2. TO PERFORM AND OBSERVE VARIOUS TYPES OF CHEMICAL REACTIONS</li> <li>3. TO PREPARE TEMPORARY MOUNT OF LEAF/PEAL</li> <li>4. TO SHOW THAT CARBON DIODIDE IS GIVENT OUT IN RESPIRATION</li> <li>5. LIGHT IS NECESSARY FOR PHOTOSYNTHESIS</li> </ol>
May	<ol style="list-style-type: none"> <li>1. REFRACTION THROUGH GLASS SLAB</li> </ol>
July	<ol style="list-style-type: none"> <li>1. TO FIND OUT Ph OF VARIOUS ACIDS AND BASES</li> <li>2. TO STUDY PROPERTIES OF ACIDS AND BASES</li> </ol>
August	<ol style="list-style-type: none"> <li>1. DISPLACEMENT REACTION OF METALS AND SALTS</li> </ol>
September	
October	<ol style="list-style-type: none"> <li>1. TO VERIFY OHMS LAW</li> <li>2. TO FIND OF EQUIVALENT RESITANCE IN SERIES/PARALLEL COMINATION</li> </ol>
November	<ol style="list-style-type: none"> <li>1. SLIDES OF BUDDING IN YEAST AND BINARY FISSION IN AMOBEA</li> <li>2. PARTS OF SEEDS</li> </ol>
December	<ol style="list-style-type: none"> <li>1. TO STUDY PROPERTIES OF ACETIC ACID</li> <li>2. COMPARATIVE CLEANING CAPACITY OF SOAPS AND DETERGENTS IN HARD AND SOFT WATER</li> </ol>
January	Revision, Pre-board
February	REVISION
March	Final exams.....

Periodic I            C1, C6, C-10

Periodic II            C1, C2, C6, C7, C10, C11

Periodic III            C1, C2, C3, C4, C5, C6, C7, C8, C9, C10, C11, C12, C14

Annual Board Exam            C1 to C16 (Full Syllabus)



## HISTORY AND GEOGRAPHY

Month	Topic/chapter	Activity
April	Chapter 2 History: Nationalism In India Chapter 3 History: The Making Of Global World	PPT, mind maps, music presentation of any form
May	Ch :1 (Geo) Resources And Development Ch:3 (Geo) Water resources	PPT, Flowchart, Video Film Making, Photography, Mind Maps, Maps (Aesthetically Drawn)
July	Revision for periodic –I Ch:4 (Geo) Agriculture	PPT, Video Film Making, Virtual Tour, Mind Maps, Maps (Aesthetically Drawn)
August	Ch: 2 history: NATIONALISM IN EUROPE Ch: 5 (Geo) Mineral And Energy Resources	PPT, Mind Maps
September	Revision for periodic –II Ch 1-3 History	PPT, Mind Maps
October	Ch: 6(Geo) Manufacturing industries	PPT. Mind maps, virtual tour of industries map (Aesthetically Drawn)
November	Ch:5 (History) Print Culture Ch:7(Geo) Lifeline Of National Economy	PPT. Mind Maps, Road Network Maps, Video Film Making
December	Revision for periodic –III Ch: 4,5 History	Revision
January	Revision	Revision
February	Revision	

## INFORMATION TECHNOLOGY (CODE-402)

Month	Topic	Art integration
April	PART A -EMPLOYABILITY SKILLS COMMUNICATION SKILLS-II Self Management Skills-II	Role play
May	Entrepreneurial Skill-II, Green skills-II	Role play PPT
July	Unit1 Digital Documentation (Advanced)	Create poster
August	Unit 2: Electronic Spreadsheet (advanced)	Analysis of data
September	Term 1	
October	Unit 3 Database Management System	PPT
November	Unit4 : Web Applications And Security	Poster On Web Security
December	Term2	
January	Revision/ Pre Board	
February	Final exam	

May 25%

- Employability Skills Part A

September 50%

- Part A-Employability Skills, Digital Documentation,  
Electronic Spreadsheet

December 75%

- Digital Documentation, Electronic Spreadsheet,  
Database Management, Web Applications

## ECONOMICS / POLITICAL SCIENCE

Months & Date	Lesson	Arts Integrated Activity
<b>April</b>	1-15 Pol. Sc., Ch-1	Mind mapping of power sharing using ethnic composition in Belgium & Set Loucia
	16-30 Pol. Sc., Ch-2	Mind mapping/sketching of vertical distribution of power sharing
<b>May</b>	1-15 Eco., Ch-1	Sketching on sustainable Development
	16-21 Eco., Ch-1	
<b>July</b>	1-15 Periodic-I/Eco. Ch-2	Mind mapping of rural urban labour distribution across three sectors of Economy
	16-30 Eco., Ch-2	
<b>Aug.</b>	1-15 Pol. Sc., Ch-3	Role play on Gender, caste Sketching/Drawing/Collage on symbols of political parties
	16-30 Pol Sc., Ch-4	
<b>Sept.</b>	1-15 Periodic-II / Revision	Role play on SHGS Create an artificial cheque
	16-30 Economics, Ch-3	
<b>Oct.</b>	1-15 Economics, Ch-3	Mind mapping on MNCS/ Foreign Investment Cycle
	16-30 Economics, Ch-4	
<b>Nov.</b>	1-15 Economics, Ch-4	On political map of India show the various political parties across States of India.
	16-30 Pol. Sc., Ch-6	
<b>Dec.</b>	1-15 Pol. Sc. Ch-7	Project
	16-30 Pol. Sc. Ch-8 Eco., Ch-5	
<b>Periodic-I</b>	Eco-1. Pol. Sc.-1	
<b>Periodic-II</b>	Eco-2. Pol. Sc.-2	
<b>Periodic-III</b>	Eco-1, 2, 3	
	Pol. Sc.-1, 2, 3, 4	

## HISTORY / GEOGRAPHY

<b>Periodic-I</b>	History : 2, 3, Geo. : 1, 3
<b>Periodic-II</b>	History : 1, Geo. : 4, 5
<b>Periodic-III</b>	History : 4, 5 Geo. : 6, 7

## हिन्दी

ekg fu/kr dk Z आर्ट इटीग्रेशन

### अप्रैल

- 1-15 स्पर्श: कविता, साखी, मीरा के पद  
व्याकरण: पदबंध, समास, औपचारिक पत्र,  
अनुच्छेद लेखन, मीठी वाणी, पर्यावरण
- 16-30 स्पर्श: बड़े भाई साहब, डायरी का एक पन्ना  
विज्ञापन: मुहावरे

### मई

- 1-15 स्पर्श: काव्यखंड, बिहारी के दोहे,  
मनुष्यता,  
व्याकरण: सूचना, कथा लेखन, अलंकार
- 16-28 स्पर्श: ततारा वामिरो कथा  
व्याकरण: अलंकार एवं वाक्य रूपांतरण  
संचयन: हरिहर काका

### जुलाई

- 1-15 स्पर्श: पाठों की पुनरावृत्ति, Periodic-I  
संचयन: सपनों के से दिन
- 16-30 स्पर्श: पर्वत प्रदेश में पावस  
कर चले हम फिदा

### अगस्त

- 1-15 स्पर्श: अब कहां दुसरो के  
पतझड़ में टूटी पत्तियां
- 16-30 पाठों एवं व्याकरण विषयों की  
पुनरावृत्ति



सितंबर	Periodic-II
अक्तूबर	
1 से 15	स्पर्श: तोप स्पर्श: आत्मताण, कारतूस
16-31	संचयन: टोपी शुक्ला
नवंबर	
1-15	संचयन: टोपी शुक्ला पाठों एवं व्याकरण विषयों की पुनरावृत्ति
Dec.	Term-III + Revision
1-15	Dec. till February Revision + Pre-Board मौखिक एवं श्रवण परीक्षा
<b>Activity/रचनात्मक कार्य</b>	
कथा	परोपकार / अनुच्छेद लेखन
लेखन	पी.पी.टी./विडियो-परोपकार
फोटोशॉप :	कहानी योगासनों के विषय में जानकारी / चित्र सहित तोप / कंपनी बाग के विषय में जानकारी हासिल करना- इतिहास के साथ जोड़ना
कवि	रविन्द्रनाथ टेगोर की जीवनी / रचनाओं का उल्लेख (PPT अथवा वर्णन चित्र सहित)
<b>Test Syllabus</b>	
<b>Periodic-I</b>	स्पर्श: बड़े भाई साहब, डायरी का पन्ना काव्यखंड : साखी, मीरा, पदबंध, समास, मुहावरे औपचारिक पत्र, विज्ञापन, संचयन : हरिहर काका
<b>Periodic-II</b>	स्पर्श: बड़े भाई साहब, डायरी का पन्ना ततारा वामिरो कथा, अब कहाँ..... काव्यखंड : साखी, मीरा, बिहारी के दोहे, मनुष्यता संचयन हरिहर काका, सपनों के से दिन व्याकरण: अपठित गद्यांश+संपूर्ण गद्य पद्य एवं व्याकरण मुहावरे (अलंकार, समास, पदबंध, वाक्य रूपांतरण, कथा लेखन सूचना

अनुच्छेद लेखन, औपचारिक पत्र, विज्ञापन)  
(कला समेकित शिक्षा) **Activity**/रचनात्मक कार्य

### Sketching

साखी में रचित दोहों का चित्र सहित वर्णन  
कबीर: मीरा की जीवनी/रचनाएं चित्र सहित  
पी.पी.टी./दोहों-पदों का सस्वर वाचन

### Video/Story on photoshop

बड़े भाई साहब/प्रेमचंद रचित कोई अन्य कथा  
2. भारत के इतिहास का वर्णन वीडियो/पी.पी.टी. के  
माध्यम से देना/चित्र सहित वर्णन/मुहावरों पर खेल  
Sketching: विभिन्न विज्ञापन चित्र सहित वर्णन

किसी राज्य की लोककथा चित्र सहित वर्णन  
Story Killing: हरिहर काका/वीडियो/कठपुतली के माध्यम से

वीडियो: पर्वत प्रदेश में पातस  
Sketching: कर चले हम फिदा/सस्वर वाचन गीत रूप में

### Periodic-III

स्पर्श: बड़े भाई साहब, अब कहां....., पतझड़ में टूटी पत्तियां, कारतूस  
काव्यखंड: पर्वत प्रदेश में पावस, तोप, कर चले हम फिदा, आत्मत्ताण  
संचयन: सपनों के से दिन, टोपी शुक्ला  
व्याकरण: अपठित गद्यांश, संपूर्ण व्याकरण  
पदबंध, सूचना, अलंकार, मुहावरे, वाक्य रूपांतरण  
कथा लेखन, अलंकार, अनुच्छेद