

CLASS - IX

Curriculum Planner : 2021-22

ENGLISH

Months & Date	Lesson	Arts Integrated Activity
April 1-15 16-30	The road Not Taken (Beehive) Grammar: Determiners, Sentences & Recording Article & Story Writing The Sound of Music (Beehive) The Lost Child (Moments) Writing Skills 1. Descriptive Paragraph 2. Diary Entry Grammar 1. Tenses 2. Modals	1. PPT on Robert Foot Activity 2. Collect info from people about digital services they use, collage on use of digital services. 1. PPT on musical instrument of India/Bismillah Khan Mind Map
May	1-25 Wind (Beehive) The Adventure of Jolo Swaram the Story Seller Grammar: 1. Gap Filling 2. Editing 3. Omission 4. Preposition 5. Connectors	1. Flow chart of the poem. 2. Discussion on should Animals be kept in a cage 3. Discussion on qualities of a good story teller and narrating a ghost story.
July	1-15 The Little Girl (Beehive) A Truly Beautiful Mind (Beehive) Grammar : 1. Subject-Verb Concord	1. Narrate an incident where you misunderstood your parents but later realized that what do they, it is for your welfare. 1. Flow chart of Life and achieve- ment of Einstein.

	16-30	The rain on the Roof (Beehive) The Lake of Innsfree	Slide Show 1. Keeping in mind the details of the poem, draw a scene of Innsfree. 2. Write a paragraph on things that will give you peace of mind & take care of your health as well.
Aug.	1-15	In the kingdom of foots (Moments) The Happy Prince (Moments)	Role Play Mind Map
	16-31	The Snake and the Mirror (Beehive) My Childhood A Legend of Northland (Beehive) Grammar : Revision	Collect information about different shakes and paste it in a scrap book. 1. Find Dhenuskodi & Rameswaram on the map what language do you think the author his family, friends & teachers spoke with one 2. Make a PPT on Abdul Kalam 1. Slide Show 2. Flow chart of events in the poem.
Sept.	1-15	Packing (Beehive) No Men are Foreign Revision	1. You plan to visit Rajasthan. Plan an itinerary from Chandigarh Make a poster on "Unity in Diversity"
	16-30	Weathering the Strom in Ersama	PPT on Natural Disasters
Oct.	1-15	Reach for the Top (Beehive) The Bond of Love	Compare & contrast the character of Erelyn & Santosh Yadav. Who do you think suffered from gender inequality. 1. Role Play 2. Narrate any incident where you shared a strong bond with your pet.



The Duck & the Kangaroo 1. During the pandemic, you have read many incidents where people helped those who had lost their jobs & no food. As a student, how can you help students, who are not so well off in a paragraph

Grammar :

Noun, Clauses

16-30 On Killing a Tree
(Beehive)
The Last Leaf

Make a collage on the consequences of a deforestation
1. Write a paragraph on how superstitions hamper the growth of society.
2. Role Play

Nov.

1-15 Kathmandu

On the map of India mark out the route which the author thought of but did not take to Delhi. Find out possible routes by rail, road or air from Kathmandu to Delhi.

If I were You

Role Play

A Slumber Did My Sprit Seal

Slide show

Grammar :

Passive Voice

16-30 A House is not a Home Role Play
The Accidental Tourist Mind Map
The Beggar Role Play

Grammar :

Reporting Commands, Statements, Requests, Questions, Sentence, Transformation

Dec.

Periodic-3

1-15 Revision

Jan.

Winter Break

1-15 Revision

Feb.

Revision

1-15 Periodic 1 : Beehive

MATHS

Month	Date	Topic	Art Integration
April	1-15	Ch-1: Number System	Sketching (Square Root Spiral)
	16-30	Ch-2: Polynomials	Cutting & pasting (Proof of Identities) Video
May	1-15	Ch-3: Co-ordinate Geometry+Sketching (Graphs)	
	16-30	Ch-5: Euclids Geometry Periodic-1	PPT
July	1-15	Ch-4: Linear Equations in two variables.	Sketching (graphs) Video
	16-31	Ch-6: Lines & Angles Ch-7: Triangles	Cutting & pasting (to prove properties)
Aug.	1-15	Ch-8: Quadrilaterals Ch-11: Constructions	Sketching Paper cutting & folding
	16-30	Ch-12: Meron's Formula	PPT/Model Making
Sept.		Periodic-2	
Oct.		Ch-9: Area of Parallelograms and Triangles Ch-10: Circles	Sketching Cutting and pasting (to prove properties)
Nov.		Ch-13: Surface Area & Volume Ch-14: Statistics Ch-15: Probability	Model (3D Objects) Sketching (graphs) Activity
Dec.	1-15	Revision	
	16-31	Periodic-III	
Jan.		Revision	
Syllabus			
May	:	Periodic-I, Ch-1, 2, 3, 5	
Sept.	:	Periodic-II, Ch-1, 2, 4, 6, 7, 8, 11, 12	
Dec.	:	Periodic-III, Ch-3, 4, 5, 9, 10, 11, 12, 13, 14, 15	

PHYSICS

Month	Days	Topic	Art Integration
April	10	Ch-8: Motion: Uniform & non-uniform motion, vector & scalar quantities. Distance & Displacement, speed & velocity, acceleration.	
May	12	Equation of motion: derivation & numerical, circular motion, exercise.	Graph Plotting (Data recording)
June		Summer Vacation	Model Making
July	19	Ch-9: Force, balanced & unbalanced forces, first law of motion, second law of motion, Third law of motion, conservation of momentum Exercise Practical : To study variation in limiting friction.	
Aug.	18	Ch-10: Gravitation Practical : To determine density of solid	Farming questions (Revision)
Sept.	2	Tests	
Oct.	14	Ch-11: Work and Energy Practical : To measure temperature of hot water & plot temp. time graph	
Dec.	2	Human Ear, Exercise	Drawing Structure of Human Ear
Jan.	13	Floatation & Exercise Practical : To establish the relation between the loss in weight of solid when fully immersed in two different liquids.	Data collection & presentation
Feb.		Revision	

BIOLOGY

Month	Date	Topic	Art Integration
April	1-15	L-5: Introduction of cell. Discovery of cell & Organelles.	Diagrams coloured well labeled

	16-31	Cell organelles i.e. plasma membrane Mitochondria, chloroplast	Model of cell
	1-15	Cell organelle (Contd.) Lysosonus, Golgi apparotus Vacuous ER Periodic-I	Diagrams
	16-31	L-6: Introduction of tissues. Merisfamalic tissue of its types.	Diagrams PPT
July	1-15	L-6: Animal Tissues Epithelial & connection tissues.	Diagrams, Slide (live tissues)
Aug.	1-15	L-6: Muscular & nervous tissue	Diagram Drawn
	16-31	Diversity in living organisms. Basic of classification, Evolution and hierarchy of classification Monera, Proustao Fungi	Flow Chart will be drawn
Sept.		Periodic-II	
Oct.	1-15	Diversity contd. Plants: Thalophyta Bryophyla pleridopuyta Gunospesus: Angioskess	Flow chart of various group with suitable examples.
	16-30	Animal: Porifesus caleutrator, Echinodesus, Mollusca, Platy, Method (All Inuestebralis)	Flow Chart PPT
Nov.	1-15	L-13: Health & its failure Diseases its causes Acute & Chronic diseases causes of disbars Means of spread	
	16-30	Principal of treatment & precaution of diseases L-14: Natural resources Air, Water.	

Dec.	1-15	<p>L-14: Mineral Resources & Biogeo chemical cycles.</p> <p>L-15: Improvement in food resources-improvement in crop & animal husbands</p> <p>Periodic-III</p> <p>Practical :</p> <ol style="list-style-type: none"> 1. Preparation of temporors mount of onion reel 2. Calculation of % of water absorbed by resining by osmosis. <ol style="list-style-type: none"> 1. Test for Starch and test for mentil yellow in Dal. 1. To identify various types of tissue. <ol style="list-style-type: none"> 1. Group Activity: Role Play on vector boral diseases and their prevention.
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CHEMISTRY

Month	Topic	Art Integration Activity
April	L-1: Matter in our Surrounding	Sketching
May	L-1: Matter in our Surrounding	Sketching
	L-2: Is matter around us pure	
July	L-2: Is matter around us pure	
Aug.	L-2: Is matter around us pure	
Sept.	L-4: The structure of atom	Clay Modeling
Oct.	L-4: The structure of atom	Clay Modeling
Nov.	L-4: The structure of atom	
	L-3: Atoms & Molecules	
Dec.	L-3: Atoms & Molecules	
Jan.	L-3: Atoms & Molecules	
Feb.	Revision	
	Practical Work	
May	1. Determination of melting point of ice	
	2. Determination of Boiling Point of water.	
July	1. Separation of mixtures	
	2. Preparation of mixture and compound	
Aug.	3. Preparation of solution, suspension and colloid and studying their properties	

Science - Periodic Test

Periodic-I July	: L-1: Chemistry : L-8 : Physics : L-5: Biology
Periodic-II Sept.	: L-1, 2 - Chemistry : L-8, 9 - Physics : L-5, 6, 15 - Biology
Periodic-II Dec.	: L-1, 2, 4 - Chemistry : L-8, 9, 10 - Physics : L-5, 6, 13, 15 - Biology
Final Exam	: L-1 to 15 Full Syllabus

ECONOMICS / POL. SCI.

Month	Date	Topic	Art Integrity
April	1-15	Economics-Ch-1	Cartoon making with suitable Options
	16-30	Eco. Ch-1	Mind Mapping / Flow Chart of various economic activities under Primary, Secondary, Tertiary sections
May	1-15	Pol. Sc. Ch-1	Cartoon making/sketching with suitable captions
	16-21	Pol. Sc. Ch-1	
July	1-15	Periodic-I/Eco. Ch-2	Digital Collage/How make collage on determinable of human capital
Aug.	1-15	Pol. Sc. Ch-2	Making of of India with meaning of important words.
		Pol. Sc. Ch-2	
Sept.	1-15	Periodic-II/Revision	Drawing/Sketching/Cartooning on Rural-Urban view on poverty
	16-30	Economics Ch-3	
Oct.	1-15	Ch-3 Economics	Mind Mapping of structure of Electoral system of India.
	16-30	Pol. Sc. Ch-3	
Nov.	1-15	Pol. Sc. Ch-3	Pictures of various modes of food security in India.
	16-30	Economics Ch-4	
Dec.	1-15	Ch-4 Pol. Sc.	Create an office order for the Precautionary measures for water quality/Pandemic situation
Periodic-I		Eco-1, Pol. Sc.-1	
Periodic-II		Eco-2, Pol. Sc.-2	
Dec. Periodic-III		Eco-1, 2, 3, Pol. Sc.-1, 2, 3	

FOOD PRODUCTION

Month	Date	Unit	Topic	Art Integration	Practical
April	01.04.21 – 16.04.21	Ch-1	Introduction to Hospitality Industry Career Opportunity	Role Play Researching on Art Forms	Table setting
	16.04.21 – 30.04.21	Ch-2			Snack making
May	01.05.21 – 20.05.21	Ch-3	Introduction to kitchen Protective clothing and its maintenance	Brochure/Flyer /Document making of Receipe file	Preparation of Baverages
		Ch-4			
June	SUMMER BREAK		Reading of Employability skills book Preparation of Receipe file		
July	01.07.21 – 15.07.21	Ch-5	Personal Hygiene Equipments and Kitchen	Video/Film making Baverages Tools/ Slide Show /PPTS	Preparation of Protein rich foods Preparation of energy rich foods
	16.07.21 – 31.07.21	Ch-6			
Aug	01.08.21 – 15.08.21 16.08.21 – 31.08.21	Ch-9, 10	Culinary History Kitchen Commodities Storage of commodities Kitchen organization Employability skills book	Culinary Art Sketching Beautifying space Talks/Lectures on Art	Preparation of healthy snacks
Sep	01.09.21 – 30.09.21 16.09.21 – 30.09.21	Ch-1 to 8	REVISION TERM- I EXAMINATION		
Oct	01.10.21 – 15.10.21 16.10.21 – 31.10.21	Ch-7 Ch-8	Culinary History Revision Kitchen Commodities Revision		Revision of Practicals
Nov	01.11.21 – 15.11.21		Revision of full syllabus		Submission of Receipe File
DEC	16.11.21 – 31.11.21		REVISION & TERM-II EXAMINATION		
JAN			REVISION OF PRACTICALS & EMPLOYABILITY SKILLS		

FEB

**REVISION OF
PRACTICALS &
EMPLOYABILITY
SKILLS BOOK**

MAR

**Ch-1
to 10**

**FINAL
EXAMINATION**

Examination	Month	Syllabus
Class Test – 1	May	Chapter-I, II, III
Class Test - 2	August	Chapter-IV, V, VI
Class Test-3	November	Chapter-VII, VIII, IX, X
Term-I	September	Chapter-1 to 8
Term-II	December	Chapter-1 to 10

HISTORY & GEOGRAPHY

Month	Topic/chapter	Activity
April	Ch:1 (History) The French Revolution	PPT, Mind maps, musical presentation of any form, role play
May	Ch:1 (Geo) India: Size And Location Ch: 2(Geo) Physical Features Of India	PPT, flowchart, video film making, photography, mind maps brochure document making
July	Revision For Periodic-I Ch:3 (Geo) Drainage	PPT, Mind Maps
August	Ch:2 (History) Socialism In Europe And Russian Revolution	PPT, Mind Maps, Video
September	Revision For Periodic –II Ch:4 (Geo) Climate	PPT, Mind Maps, Video Film Making, Photography, Maps,(Aesthetically Drawn
October	Ch:5 (Geo) Natural Vegetation And The Wild Life Ch:6(Geo) Population	PPT, Mind Maps, Virtual Tour Of States Presenting Vegetation And Wild Life Brochure, Document Making , Photography
November	Ch:3(History) Nazism and the rise of Hitler	PPT, Mind Maps, Painting/Sketching, Video, Role Playing
December	Revision for periodic-III Ch:4,5,6	Revision
January	Revision	Revision
February	Revision	

INFORMATION TECHNOLOGY (CODE-402)

Month	Topic	Art integration
April	Part B vocational skills Unit 1: introduction to IT and ITeS, BPO services, application of IT in everyday life Unit 2: keyboarding skills, use keyboard and mouse for data entry	Collage of application of IT Info graphics on ergonomics of using computers
May	Unit 3: Digital communication	Design a poster
July	Unit 4: Electronic Spread sheet: Introduction to spreadsheet application, starting a spreadsheet, part of spreadsheet, worksheet-rows and columns, cell and cell address, range of cell. Different type of data, formula, how to enter formula, Mathematical operators used in formulae, simple calculation using values and operators, formulae with cell addresses and operators commonly used basic functions in spreadsheet –SUM, AVERAGE, MAX, MIN, COUNT. Use of function to do calculations.	
August	Formatting tool, speeding up data entry using the fill handle to copy formulae. Concept of referencing , relative referencing, mixed referencing , absolute referencing. Importance of chart in spread sheet, type of chart, example of chart	Analysis of students record and making charts
September	Term1	
October	Unit5 :digital presentation	Making PPT on global warming

November	Part A Employ abilities skills – communication skills-I	Role play
December Term2		
January	Self management skills-I, entrepreneurial skills-I, green skills-I	Role play sketch market scene PPT
February	Revision and final paper	

May -Unit 1, Unit 2, (Part B)
 Sep (Part B) -Vocational Skills) - Unit 1, Unit 2, Unit 3, Unit 4
 Dec part B - Vocational Skills- Unit 3, Unit 4, Unit 5

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आर्ट इंटीग्रेशन

अप्रैल

1-15

स्पर्श: पाठ—दुख का अधिकार
कविता—रैदास के पद
व्याकरण: शब्द और पद में अंतर,
अनुच्छेद

सामाजिक कुरीतियों / अंधविश्वासों पर
स्लाइड शो

16-30

स्पर्श: पाठ—एवरेस्ट मेरी शिखर यात्रा
कविता: रहीम के दोहे
संचयन—गिल्लू
व्याकरण: पर्यायवाची शब्द, पत्र,
(केवल औपचारिक)

प्रसिद्ध पर्वतारोहियों पर PPT's

मई

1-15

स्पर्श: पाठ—तुम कब जाओगे अतिथि
कविता: आदमीनामा
संचयन—स्मृति

विडियो / फिल्म बनाना

व्याकरण: विलोम शब्द, नारा लेखन

16-31

स्पर्श: पाठ—कीचड़ का काव्य
कविता: एक फूल की चाह
व्याकरण: श्रुति सम, भिन्नार्थक शब्द,
संदेश लेखन

जुलाई

1-15

स्पर्श: पाठ—धर्म की आड़
कविता: अग्निपथ
संचयन—हामिद खां
व्याकरण: उपसर्ग, संवाद लेखन

PPT's

16-31

स्पर्श: पाठ—शुक्र तारे के समान
कविता: नए इलाके में
व्याकरण: प्रत्यय

अगस्त

1-15

स्पर्श: कविता—खुशबु रचते हैं हाथ
संचयन: दिए जल उठे
व्याकरण: वाक्य भेद (अर्थ के आधार पर)
अनुस्वार / अनुनासिक

कविता में वर्णित हाथों पर स्लाइडशो

16-31

अर्द्ध वार्षिक परीक्षा की दोहराई



सितंबर	अर्द्ध वार्षिक परीक्षा	
अक्तूबर		
1 से 15	दोहराई: दुख का अधिकार, रैदास, गिल्लू व्याकरण: शब्द और पद, पर्यायवाची, विलोम	विडियो
16-31	दोहराई: एवरेस्ट मेरी शिखर यात्रा रहीम के दोहे, स्मृति व्याकरण: उपसर्ग-प्रत्यय, श्रुतिसम, भिन्नार्थक शब्द	
नवंबर		
1-15	दोहराई: तुम कब जाओगे अतिथि आदमीनामा, एक फूल की चाह, हामिद खां व्याकरण: वाक्य, नारा लेखन, संदेश लेखन	स्लोगन लिखना
16-30	दोहराई-कीचड़ का काव्य धर्म की आड़ दिए जल उठे	
दिसंबर		
1-15	दोहराई-शुक्र तारे के समान, नए इलाके में व्याकरण: अनुच्छेद लेखन	PPT's
16-30	दोहराई: खुशबु रचते हैं हाथ व्याकरण: अनुस्वार और अनुनासिक	
Pd-I	दुख का अधिकार, रैदास, रहीम के दोहे, गिल्लू व्याकरण: शब्द और पद, पर्यायवाची, विलोम, श्रुतिसमभिन्नार्थक शब्द, अनुच्छेद और पत्र लेखन	
Pd-II	स्पर्श: पाठ-दुख का अधिकार, एवरेस्ट मेरी शिखर यात्रा, तुम कब जाओगे अतिथि, कीचड़ का काव्य	

कविताएं: रैदास, रहीम के दोहे, आदमीनामा,
एक फूल की चाह
संचयन: स्मृति, हामिद खां
व्याकरण: शब्द और पद, पर्यायवाची, विलोम शब्द,
श्रुतिसम भिन्नार्थक शब्द, उपसर्ग, प्रत्यय, अनुस्वार,
अनुनासिक, वाक्य भेद (केवल अर्थ के आधार पर)
रचनात्मक कार्य: अनुच्छेद लेखन, पत्र लेखन
(केवल अनौपचारिक), नारा लेखन, संदेश लेखन,
संवाद लेखन

Pd-III

कीचड़ का काव्य, धर्म की आड़,
शुक्रतारे के समान, अग्निपथ, नए इलाके में,
खुशबु रचते हैं हाथ, हामिद खां, दिए जल उठे,
व्याकरण: संवाद लेखन, पर्यायवाची, विलोम,
श्रुतिसम भिन्नार्थक शब्द