

कोलम्बस पब्लिक स्कूल 2021—22 कक्षा — नवीं विषय — हिन्दी

माह	पाठ का नाम	सत्र	कियात्मक गतिविधि
अप्रै ल	 दुख का अधिकार रैदास के पद अनुस्वार, अनुनासिक (व्याकरण) 	I	 काल्पनिक मार्मिक कहानी (व्यक्तिगत) ईश्वर में अत्यधिक आसक्ति उचित या अनुचित (वाद–विवाद) षब्द रचना एवं पहचान (व्यक्तिगत)
मई	 एवरेस्ट मेरी शिखर यात्रा रहीम के दोहे अर्थ की दृष्टि से वाक्य भेद 	I	 पर्वतारोहण एक साहसिक कार्य (आषुभाषण व्यक्तिगत) दोहा रचना (व्यक्तिगत) वाक्य परिवर्तन का अभ्यास
जुलाई	 तुम कब जाओगे,अतिथि उपसर्ग-प्रत्यय, (व्याकरण) शब्द विचार (व्याकरण) शब्द और पद(व्याकरण) 	=	 आतिथ्य सत्कार का महत्त्व (व्यक्तिगत चर्चा) शब्द निर्माण (सामूहिक क्रिया) शब्द रचना एवं पहचान (व्यक्तिगत)
अगस्त	 एक फूल की चाह गिल्लू (संचयन) 	II	 धार्मिक कुरीतियां समाज के लिए घातक(सामूहिक चर्चा) पषु–पक्षी भी हमारी तरह संवेदनषील होते हैं (सामूहिक चर्चा)
सितम्बर	• अभ्यास कार्य / अर्धवार्षिक परीक्षा		
अक्टूबर	 धर्म की आड़ स्मृति अनुच्छेद 	I	सर्वधर्म संभाव (सामूहिक चर्चा)कहानी निर्माण
नवम्बर	 खुषब ूरचते हैं हाथ हामिद खाँ (संचयन) अनौपचारिक पत्र 	Η	 आर्थिक रूप से कमजोर वर्ग के पिछड़ने का जिम्मेदार कौन? (सामूहिक चर्चा) इन्सानियत ।नाट्याभिनय (सामूहिक चर्चा) कहानी निर्माण
दिसम्बर	 दीये जल उठे (संचयन) संवाद लेखन नारा लेखन 	II	गांधी जी का सत्याग्रह(सामूहिक चर्चा)
जनवरी	• पुनरावृत्ति		
फरवरी	• पुनरावृत्ति		
मार्च	• अभ्यास कार्य / वार्षिक परीक्षा		



COLUMBUS PUBLIC SCHOOL, RUDRAPUR ANNUAL PROGRESSION 2021-22

CLASS: IX

BIOLOGY

MONTH	CHAPTER	TERM	ACTIVITIES /PRACTICALS	
	The fundamental unit of life		To demonstrate diffusion in	
	Discovery of cells.		water.	
	Shape and size of cells.		To demonstrate osmosis in	
	Unicellular and Multicellular	Term1	different cells-in raisins, in an	
APRIL	organisms.	ICIIII	egg etc.	
	• Structure of a cell.			
	 Cell organelles - structure and 			
	function.			
	The fundamental unit of life		• To observe the cells of an onion	
MAY	 Cell organelles- structure and 	Term1	peel under a microscope.	
	function.			
	Tissues		• To prepare a temporary mount	
	Plant tissues		of transverse section of potato	
	Meristematic tissue.		tuber or sunflower stem and	
JULY	 Permanent tissue and their 	Term1	observe it under a microscope.	
	subdivisions.		Identification of Parenchyma,	
			Chollenchyma and	
			Scleranchyma tissue in plants	
	Tissues		To prepare stained temporary	
	Animal tissues		mount of human cheek cells.	
ALICUIST	Epithelial tissue.	Term1	 Identification of Striped, 	
AUGUST	Connective tissue.		Smooth, and Cardiac muscle	
	Muscular tissue.		fibre and nerve cells in animals	
	Nervous tissue.			

SEPTEMBER	Revision / First Assessment		
	Why do we fall ill		
	Health and its failure.		
	• Disease and its causes.		
	• Types of diseases.		
	• Spread of infectious diseases.		
	• Organ specific and Tissue specific		
	manifestation.		
	Principles of prevention		
	Some microbial diseases.	To 1100 2	
OCTOBER	Natural Resources	Term2	
	• Natural resources and its types.		
	• Air: The breath of life.		
	Composition of air.		
	Layers of atmosphere.		
	Uses of atmosphere.		
	• Atmosphere and climate control.		
	• Wind: moving air.		
	Cloud formation and rain.		
	• Air pollution.		
NOVEMBER	Revision		
DECEMBER	Post Mid Term Assessment		
	Natural Resources		• Find out the provision made by
	• Water		local authority of your region to
	Rain water harvesting.		provide clean drinking water to
	Water pollution.		all.
	• Soil		Find out how solid waste
	• Formation of soil.		generated by your colony is
JANUARY	• Soil profile.	Term2	disposed off
	• Types of soil.		
	Soil pollution and soil		
	• Erosion.		
	Biogeochemical cycles-		
	• Water, nitrogen, carbon, oxygen		
	cycles.		
	Ozone layer		
FEBRUARY	Revision		
MARCH	Revision / Annual Examination		



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CLASS: IX

CHEMISTRY

MONTH	CHAPTER	TERM	ACTIVITIES /PRACTICALS
APRIL	 Matter in our surroundings Definition of matter; solid, liquid and gas; characteristics - shape, volume, density; change of state-melting (absorption of heat) 		 Preparation of a true solution of common salt, sugar and alum Preparation of a suspension of soil, chalk powder and fine sand in water Preparation of a colloidal solution of starch in water and egg albumin/milk in water and distinguish between these on the basis of transparency filtration criterion stability
MAY	 Matter in our surroundings Change of state -evaporation (cooling by evaporation), condensation and sublimation. 		
JULY	 Is matter around us pure? Elements, compounds and mixtures. Pre Mid Term Assessment 		 Preparation of A mixture, A compound using iron filings and sulphur powder and distinguishing between these on the basis of: appearance, i.e., homogeneity and heterogeneity behaviour towards a magnet behaviour towards carbon disulphide as a solvent (iv) effect of heat
AUGUST	 Is matter around us pure? Homogenous mixtures, colloids and suspensions. 	Term 1	
SEPTEMBER	Revision / Half Yearly Examination		
OCTOBER	 Particle nature, and their basic units Atoms and molecules, Law of constant proportions, Law of conservation of mass. Atomic and molecular masses. Mole concept: Relationship of mole to mass of the particles and numbers. 	Term 2	 Verification of Law of Conservation Of Mass
NOVEMBER	 Structure of atoms Electrons, protons and neutrons, valency 	Term 2	
DECEMBER	Post Mid Term Assessment		
JANUARY	Structure of atomsChemical formula of common compounds.	Term 2	
FEBRUARY	Revision		
MARCH	Revision / Annual Examination		



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CLASS: IX

	ENGLISH					
MONTH	CHAPTER	TERM	ACTIVITIES/PRACTICALS			
APRIL	 Literature: The Fun Day They Had The Sound of Music The Lost Child Poem: The Road Not Taken Wind Language: Writing: Article and Short Story 	Term I	 Debate: An argument, or a formal discussion, usually in an ordered or formal setting To introduce a celebrity to an audience, help in facing audience and encourage students. 			
ΜΑΥ	 Literature: The Little Girl The Adventure of Toto Poem: Rain on the Roof Language: Modals Descriptive Paragraph writing, Diary Entry 	Term I	 Encourage them to consult a dictionary. How a word can be used in different ways. Suggested reading: My Family and other Animals- By Gerald Durrel. 			
JULY	 Pre Mid Term Assessment Literature: A Truly Beautiful Mind Poem: A Legend of the Northland 	Term I	 Can take help of a Science teacher to explain Einstein's Theory of Relativity. Dictation also encourages the development of grammar. 			
AUGUST	Literature: • My Childhood • Packing Poem: • No Men are Foreign Language: • Determiners • Active and passive voice	Term II	 A map reading activity, students, will find out the geographical locations of given places in the chapter. Collect some examples of Instructions, directions etc. from notice board and pamphlets. Paste in the Notebook. 			
SEPTEMBER	 Revision / First Assessment Literature: Reach For the Top I Santosh Yadav II Maria Sharapova Language: Direct and Indirect speech 	Term II	 Prepare speech: Students can read the texts od well known speeches such as Nehru's 'Tryst with Destiny' 			

OCTOBER	 Literature: In the Kingdom of Fools Poem: On Killing a Tree Language: Tenses 	Term I Term II Term I/II	 Suggested Reading: Tales from Shakespeare by Charles and Mary Lambs. Folk Tales from Indian. 		
NOVEMBER	REVISION Literature: • 1.The Bond Of Love • 2. The Happy Prince • A House is not A Home Poem: • The Snake trying • The Last leaf	Term I Term II	 Scrambled story, writing carefully to arrange the incident logically. Speaking Skill: Visit a travel agency or call them on the telephone, speak to people who have been in Nepal. 		
DECEMBER	Post Mid Term Assessment				
JANUARY	REVISION Term II				
FEBRUARY	Revision				
MARCH	Revision / Second Assessment				



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CLASS: IX INFORMATION TECHNOLOGY

MONTH	CHAPTER	TERM	ACTIVITIES /PRACTICALS
APRIL	• Introduction to IT-ITeS Industry	Term I	Parts of computer
ΜΑΥ	 Information and Communication Technology Skills 	Term I	
JULY	 Chapter/Pre-Mid Term Assessment Data entry & Keyboard skills 	Term I	 Getting started typing master Finger position on keyboard Position keys Practice on master typing
AUGUST	 Digital documentation Communication Skills Self-Management Skills 	Term I Term I Term I	 Getting start with word Edit ad save a document How to use bold, italic ad underline Spell check, checking grammar, cut copy and paste Find ad replace, how to use bullets and numbering How to print, how to format table How to convert table into text and text into table How to add order and shading
SEPTEMBER	Revision / First Assessment		
OCTOBER	 Electronic Spreadsheet Entrepreneurship Skills Green Skills 	Term II Term II Term II	 How to open save ad close spreadsheet file, how to enter data in spreadsheet Basic operation- addition, subtraction, multiplication and division Insert row ad column and format cell and its contents, use of currency symbols Delete column ad row, spell check and apply border Colour cell ad managing worksheets and print worksheet
NOVEMBER	Revision		
DECEMBER	 Post Mid Term Assessment Digital presentation 	Term II	 Create, save and close presentation, create simple presentation, Views of presentation, font format, insert image, add shape, presentation themes, change design of presentation Arrange, delete and add slides and print slides
JANUARY	Revision		
FEBRUARY	Revision		
MARCH	Revision / Second Assessment		



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CLASS: IX MATHEMATICS

MONTH	CHAPTER	TERM	ACTIVITIES /PRACTICALS
APRIL	 NUMBER SYSTEM COORDINATE GEOMETRY LINEAR EQUATIONS IN TWO 	TERM I	Students will be able to draw spiral of irrational numbers.
	VARIABLES		Graph activity
ΜΑΥ	 LINES AND ANGLES TRIANGLES HERON'S FORMULA 	TERM I	 Students will be able to prove angle sum property of a triangle by paper cutting and pasting activity
JULY	 STATISTICS Pre Mid Term Assessment 	TERM I	• Survey
AUGUST	POLYNOMIALSQUADRILATERALSCONSTRUCTION	TERM II	Angle sum property of quadrilateral
SEPTEMBER	Revision / First Assessment		
OCTOBER	CIRCLES PROBABILITY	TERM II	 Activity based on coins, dice and playing cards.
NOVEMBER	Revision		
DECEMBER	Post Mid Term Assessment		
JANUARY	SURFACE AREAS AND VOLUMES	TERM II	 Prove volume and surface area of various 3-D Shapes by paper folding. Make net of 3-D Shapes.
FEBRUARY	Revision		
MARCH	Revision / Second Assessment		



COLUMBUS PUBLIC SCHOOL, RUDRAPUR ANNUAL PROGRESSION 2021-22 CLASS: IX PHYSICS

MONTH	CHAPTER	TERM	ACTIVITIES /PRACTICALS
APRIL	Motion n straight line	1	Observe types of motion day to day life
MAY	Motion in straight line	1	
JULY	Chapter/Pre Mid Term Assessment		
AUGUST	 Force and law of motion 	1	 Observe different force acting on school equipments.like bell, rope of tug and war, fan attached with ceiling
SEPTEMBER	Revision / First Assessment		
OCTOBER	Work energy powerGravitation	2	 Calculate loss in weight Pressure exerted on rectangular block
NOVEMBER	Revision		
DECEMBER	Post Mid Term Assessment		
JANUARY	Revision	2	
FEBRUARY	Revision / Second Assessment		
MARCH			



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CLASS: IX

SOCIAL SCIENCE

MONTH	CHAPTER	TERM		ACTIVITIES /PRACTICALS
	History	1	•	Speech competition
	The French Revolution			
APRIL	Economics			
	Story of village Palampur.			
	Geography	1	•	Map Activity
	India size and location		•	Role model
MAY	Physical features of India			
	Democratic politics			
	What democracy why democracy?			
	Democratic politics	1	٠	How to conduct election.
JULY	Constitutional design			
JOLY	Economics			
	People as a resource.			
	History	2	•	Formation of sans ad
	Socialism in Europe and the Russian			
AUGUST	Revolution.			
AUGUSI	Geography			
	Drainage			
	Climate			
SEPTEMBER	Economics	2	•	Make a graph to show the
SEITEMBER	Poverty as a challenge.			population. (Increasing)
OCTOBER	Democratic politics	2	•	How to set a agenda for election.
OCTODER	Electoral Politics			
	History	2	•	Role play
NOVEMBER	Nazism and the rise of Hitler.			
NOVEMBER	Democratic Politics			
	Working of Institutions.			
DECEMBER	Geography	2	•	A visit to a nursery (to know
	Natural vegetation and wild life			different herbs and shrubs)
JANUARY	Revision	2	٠	Class test
FEBRUARY	Revision / Second Assessment	2	•	Model paper discussion.
MARCH	Revision	2	•	Class test as preparation for final
				exam.