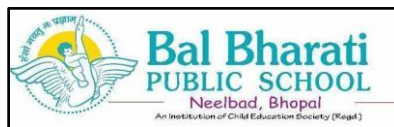## SYLLABUS BIFURCATION
SESSION 2024-2025

CLASS –IX **SUBJECT: HINDI**

Month	Chapter Name	No. of Days Required	Curriculum Mapping	Learning Outcomes
APRIL	पाठ-1. दुख का अधिकार	5	हमारे समाज में व्याप्त विभिन्न विसंगतियां पर संवाद लेखन तथा प्रस्तुति। https://youtu.be/HvhFdAYGlX4?si=Ck3408ygU3GaHLfH रैदास के पदों का गायन ।	सामाजिक विषमताओं से ऊपर उठकर मानवीय समानताओं से अवगत कराना।
	पाठ-7. रैदास के पद	5		भगवान को प्राप्त करने के लिए वाह्य आडंबर नहीं अपितु पूर्ण समर्पण की आवश्यकता है। पशु पक्षियों के प्रति संवेदनशीलता की भावना का विकास।
	(संचयन) पाठ-1 गिल्लू	5	किसी पालतू पशु अथवा पक्षी का सचित्र वर्णन।	
	व्याकरण- शब्द और पद	3		शब्द और पद की संरचना का ज्ञान।
MAY	व्याकरण- अनुस्वार अनुनासिक, उपसर्ग और प्रत्यय	6	क्विज कराना।	अनुस्वार तथा अनुनासिक का प्रयोग तथा शब्दों के निर्माण की प्रक्रिया का ज्ञान। लेखन का अभ्यास।
	लेखन- पत्र लेखन	3		
JUNE	पाठ-2. एवरेस्ट: मेरी शिखर यात्रा	6	आपके द्वारा की गई किसी यात्रा का वर्णन। https://youtu.be/BbBeaeCSz-c?si=e9ij7-f414g80-Mk दोहा गायन करना।	दोहा छंद का ज्ञान।
	पाठ-8. रहीम के दोहे	5		भाषा को प्रभावी ढंग से इस्तेमाल करने में मदद। विद्यार्थियों में विश्लेषण तथा तार्किक क्षमता का विकास
	लेखन - अनुच्छेद लेखन चित्र वर्णन	3		
JULY	पाठ-3. तुम कब जाओगे, अतिथि	5	स्वस्थ भोजन की थाली के लिए सलाद तैयार करना।	सामाजिकता तथा व्यावहारिकता की समझ।

	संचयन - पाठ-2 स्मृति	5	https://youtu.be/-9O-N83MXRA?si=b किसी साहसिक घटना का वर्णन।	साहस तथा दृढ़निश्चय की भावना का विकास
	व्याकरण- स्वर संधि	5	स्वर संधि का फ्लो चार्ट बनाना तथा समझाना।	भाषा को प्रभावी ढंग से इस्तेमाल करने में मदद। विद्यार्थियों में विश्लेषण तथा तार्किक क्षमता का विकास।
	लेखन -संवाद लेखन			
AUGUST	पाठ-4. वैज्ञानिक चेतना के वाहक: रामन्	5	चंद्रशेखर वेंकटरामन के शोध को सचित्र दर्शाना।	आदर्शों को स्वीकार कर कल्पना शक्ति तथा रचनात्मक शक्ति का विकास करना।
	लेखन- चित्र वर्णन अपठित गद्यांश पुनरावृत्ति कार्य	4 5		
SEPTEMBER	पाठ-11. गीत-अगीत	5	कविता पाठ।	मन के भावों को समझना।
	पाठ-6. शुक्रतारे के समान	7	दांडी मार्च का सचित्र वर्णन। https://youtu.be/lCae4-OGGXY?si=LhZa1xE2fy88Mv88	पाठ को पढ़कर विद्यार्थी कार्य के प्रति समर्पण को जानेंगे।
OCTOBER	(संचयन)- पाठ-3. कल्लू कुम्हार की उनाकोटी	5	https://youtu.be/81kVmS4WriQ?si=eZfwHekKwc5gcvmK	कर्मशीलता तथा एकाग्रता का परिचय
	पाठ-12. अग्निपथ व्याकरण- अर्थ के आधार पर वाक्य के भेद	5 6	कविता पाठ	कठिन परिस्थितियों का सामना करने की क्षमता का विकास।
NOVEMBER	पाठ-13 नए इलाके में, खुशबू रचते हैं हाथ	5	'बाल मजदूरी एक अपराध' अनुच्छेद लेखन https://youtu.be/RagAOX2EjIM?si=SwIUTvoluIV8lD0U	जीवन की यथार्थता परिवर्तनशीलता से परिचय।
DECEMBER	(संचयन) पाठ-मेरा छोटा-सा निजी पुस्तकालय	5	आपके पुस्तकालय में आप किन-किन पुस्तकों का संग्रह करना चाहेंगे।	चीजों का संग्रह करना तथा व्यवस्थित ढंग से रखने की समझ
JANUARY	पुनरावृत्ति			
FEBRUARY	पुनरावृत्ति			
MARCH	वार्षिक परीक्षा			

CLASS –IX   **SUBJECT: MATHEMATICS**

Month	Chapter Name	No. of Days Required	Sub-topics	Curriculum Mapping	Learning Outcomes
April	CH-1 Real Numbers	22	1. Review of representation of natural numbers, integers, and rational numbers on the number line. Rational numbers as recurring/ terminating decimals. Operations on real numbers. 2. Examples of non-recurring/non-terminating decimals. Existence of non-rational numbers (irrational numbers) such as , and their representation on the number line. Explaining that every real number is represented by a unique point on the number line and conversely, viz. every point on the number line represents a unique real number. 3. Definition of nth root of a real number. 4. Rationalization (with precise meaning) of real numbers of the type and (and their combinations) where x and y are natural number and a and b are integers. 5. Recall of laws of exponents with integral powers. Rational exponents with positive real bases (to be done by particular cases, allowing learner to arrive at the general laws.)		We are learning all about numbers.

| May | CH-2

Polynomials | 11 | Definition of a polynomial in one variable, with examples and counter examples. Coefficients of a polynomial, terms of a polynomial and zero polynomial. Degree of a polynomial. Constant, linear, quadratic and cubic polynomials. Monomials, binomials, trinomials. Factors and multiples. Zeros of a polynomial. Motivate and State the Remainder Theorem with examples. Statement and proof of the Factor Theorem. Factorization of $ax^2 + bx + c$, $a \neq 0$ where a, b and c are real numbers, and of cubic polynomials using the Factor Theorem. Recall of algebraic expressions and identities. Verification of identities: + and their use in factorization of polynomials. | Drawing Graphs | How to find zeroes of polynomial. |
| June | CH-3

Linear Equations in two variables | 09 | Recall of linear equations in one variable. Introduction to the equation in two variables. Focus on linear equations of the type $ax + by + c=0$.Explain that a linear equation in two variables has infinitely many solutions and justify their being written as ordered pairs of real numbers, plotting them and showing that they lie on a line. | | How to use concepts in our real life. |

July	CH-4 COORDINATE GEOMETRY	25	The Cartesian plane, coordinates of a point, names and terms associated with the coordinate plane, notations		How to plot points in the Cartesian Plane.
	CH-5 INTRODUCTION TO EUCLID'S GEOMETRY		History - Geometry in India and Euclid's geometry. Euclid's method of formalizing observed phenomenon into rigorous Mathematics with definitions, common/obvious notions, axioms/postulates and theorems. The five postulates of Euclid. Showing the relationship between axiom and theorem, for example: (Axiom) 1. Given two distinct points, there exists one and only one line through them. (Theorem) 2. (Prove) Two distinct lines cannot have more than one point in common.		
August	CH-6 LINES AND ANGLES	23	1. (Motivate) If a ray stands on a line, then the sum of the two adjacent angles so formed is 180O and the converse. 2. (Prove) If two lines intersect, vertically opposite angles are equal. 3. (Motivate) Lines which are parallel to a given line are parallel.		We are learning here about different angles.

Septemb er	CH-7 TRIANGLES	22	1. (Motivate) Two triangles are congruent if any two sides and the included angle of one triangle is equal to any two sides and the included angle of the other triangle (SAS Congruence). 2. (Prove) Two triangles are congruent if any two angles and the included side of one triangle is equal to any two angles and the included side of the other triangle (ASA Congruence).		How to find similarity in triangles using some criteria.
October		20	3. (Motivate) Two triangles are congruent if the three sides of one triangle are equal to three sides of the other triangle (SSS Congruence). 4. (Motivate) Two right triangles are congruent if the hypotenuse and a side of one triangle are equal (respectively) to the hypotenuse and a side of the other triangle. (RHS Congruence) 5. (Prove) The angles opposite to equal sides of a triangle are equal. 6. (Motivate) The sides opposite to equal angles of a triangle are equal.		

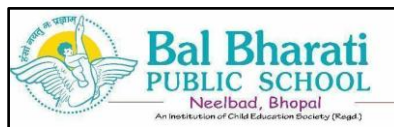| November	CH-8 QUADRILATERALS	22	1. (Prove) The diagonal divides a parallelogram into two congruent triangles.	Drawing different quadrilaterals	Learning about quadrilaterals in different aspect.
			2. (Motivate) In a parallelogram opposite sides are equal, and conversely.		
			3. (Motivate) In a parallelogram opposite angles are equal, and conversely.		
			4. (Motivate) A quadrilateral is a parallelogram if a pair of its opposite sides is parallel and equal.		
			5. (Motivate) In a parallelogram, the diagonals bisect each other and conversely.		
	CH-9 CIRCLES		6. (Motivate) In a triangle, the line segment joining the mid points of any two sides is parallel to the third side and in half of it and (motivate) its converse		
			1.(Prove) Equal chords of a circle subtend equal angles at the center and (motivate) its converse. 2.(Motivate) The perpendicular from the center of a circle to a chord bisects the chord and conversely, the line drawn through the center of a circle to bisect a chord is perpendicular to the chord.		
			3. (Motivate) Equal chords of a circle (or of congruent circles) are equidistant from the center (or their respective centers) and conversely. 4.(Prove) The angle subtended by an arc at the center is double the angle subtended by it at any point on the		

Month	Chapter	Days	Topic	Activity	Learning Outcome
December	CH-10 AREAS	21	Area of a triangle using Heron's formula (without proof)	Drawing 3D shapes	Learning all about to find areas and volumes of different objects.
	CH-11 . SURFACE AREAS AND VOLUMES		Surface areas and volumes of spheres (including hemispheres) and right circular cones		
	CH-12 STATISTICS		Bar graphs, histograms (with varying base lengths), and frequency polygons.		
January	**Revision**	21			
February	**Revision**	21			
March	**(Annual Exam Commences from 03/03/24)**	22			

SYLLABUS BIFURCATION
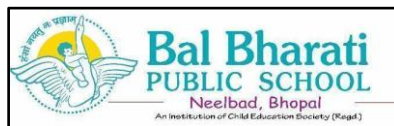**SESSION 2024-2025**

CLASS –IX   **SUBJECT:SCIENCE (BIOLOGY)**

Month	Chapter Name	No. of Days Required	Sub-topics	Curriculum Mapping	Learning Outcomes
April	CH-5 Cell: The fundamental unit of life	10	Compound microscope, Discovery of cell, Osmosis, Plasmolysis, Deplasmolysis, Prokaryotic cell, Eukaryotic cell, Plants cell, Animal cell	Interactive discussion on discovery of cell, osmosis, plasmolysis and comparison between prokaryotic and Eukaryotic cell. Study of endo and exo osmosis by potato osmometer	*To help them in developing ideas about primitive cells and the cell evolved. *To help them in understanding the types of osmosis and types of solutions.
May	CH-5 Cell: The fundamental unit of life	5	Cell organelles and Cell division	Making diagrams of plant cell animal cells with visualization of organelles structure and their function. To prepare stained temporary mount of human cheek cells to record the observations and draw their labelled diagram.	To make them comfortable in understanding the concept of using microscopes.
June	CH-5 Cell: The fundamental unit of life	3	Revision of Ch- Cell for PT-I	I	To make them think critically and frame answers

Month	Chapter	No.	Topic	Activity	Learning Outcome
July	Ch- 6 Tissue	12	Plant tissues, meristematic tissues, permanent tissues Simple parenchyma, collenchyma, Sclerenchyma complex tissues - xylem and phloem.	Demonstration of tissue with the help of a diagram drawn on board. Display of types of tissue with the help of charts using IP. To study permanent slides of plant tissues - parenchyma and Sclerenchyma.	*To make understanding about various categories of plant tissues and their location, structure and function. *To develop the skill of drawing various tissues and study their functions.
August	CH-5 Cell: The fundamental unit of life Ch- 6 Tissue	12	Revision: PT-I	To study permanent slides of Complex permanent tissues.	Develops critical thinking skills.
September	Ch- 6 Tissue	12	Animal Tissues: Epithelial Tissues, Connective Tissues	Using visual aid through IP. Hands on activity to observe slide of various tissues under microscope	To help them in understanding structure of animal tissues with the help of live examples of their body actions.
October	Ch- 6 Tissue	12	Muscular Tissue and Nervous Tissue.	To study permanent slides of muscles tissues and nerve cells.Record their observations and draw labeled diagrams.	To help them in understanding structure of animal tissues with the help of live examples of their body actions.
November	Improvement in Food Resources	12	Crop yield, variety/ production improvement, manure and fertilizers	*Collecting information of crops and variety improvement *To determine the mass percentage of water imbibed by raisins.	To analyze the types of crops used and to make a record about the nutrient they have.
December	Improvement in Food Resources	12	Cropping patterns, crop protection, animal husbandry	*Visualization of cropping pattern with diagram and PPT using IP. *To prepare a stained temporary mount of onion peels.	To make them aware about different steps necessary to grow crops and harvest.

Month	Topic	No.	Sub-topics	Activities	Learning Objectives
January	Improvement in Food Resources	10	Animal husbandry,cattle farming, fish and bee keeping	*Interactive discussion about animal husbandry *Observe Permanent slides of Plant and animal tissues *To prepare slides of human cheek cells and onion peel.	To get knowledge about the various aspects of animal husbandry like feeding, breeding etc.
February	Revision for Annual Exams				To help the students to perform well in exams
March	ANNUAL EXAMS				

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CLASS –IX   **SUBJECT:SCIENCE (CHEMISTRY)**

Month	Chapter Name	No. of Days Required	Sub-topics	Curriculum Mapping	Learning Outcomes
April	**Chapter-1 Matter in our surroundings**	22	Characteristics of particle of Matter,Classification of Matter Diffusion, Common & S.I.Unit of Temperature, Diffusion and its applications.	Experiment based on diffusion and Brownian motion.(3D Activity)

Explanation through IIP based on Diffusion and Brownian motion | Understand the concept of matter and its various states: solid, liquid, and gas. |
| May | **Chapter-1 Matter in our surroundings** | 11 | Effect of Change of Temperature, Latent heat of Fusion & Vaporization, Evaporation and Factors affecting it. | Building models to represent the molecular structure of solids, liquids, and gases.

\ | Apply knowledge to explain changes in states of matter through processes like evaporation, condensation, and sublimation. |
| | **Chapter-2 Is Matter around us Pure** | | Pure & Impure Substances;Elements,Compounds & Mixture. | Drawing diagrams illustrating the difference between pure substances and mixtures.(2D Activity)

Explanation based on Pure and Impure substance through IIP Google Link. | Understand the concept of pure substances and mixtures and differentiate between them. |

Month	Chapter	Periods	Content	Activity	Learning Outcome
June	**Chapter-2 Is Matter around us Pure**	09	Metals& Non-metals &their properties. Suspention, Colloid & Crystalloid, Concentration of Solution and its numericals. **(Revision of Chapter-1 Matter in our surroundings)**	Preparation of: a) a true solution of common salt, sugar and alum b) a suspension of soil, chalk powder and fine sand in water.(Performing Art)	Identify different types of mixtures such as solutions, suspensions, and colloids, and their characteristics.
July	**Chapter-2 Is Matter around us Pure**	25	Physical & Chemical changes with Examples. Homogeneous and Heterogeneous mixture with examples.	Classify the homogeneous and heterogeneous mixture in food and drink items.(Culinary)	**(PT-1 Commences from 01/07/24 and concludes on 08/07/24)**
August	**RevisionChapter-1 Matter in our surroundings Chapter-2 Is Matter around us Pure**	23	—--------------------	—--------------------	**(Mid Term Exam Commences from 23/08/24 and concludes on 09/09/24)**
September	**Chapter-3 Atoms and Molecules**	22	Law of Conservation of Mass,Law of Constant proportion with Examples, Dalton's Atomic Theory& Drawbacks Symbols of Elements. Modern Symbol of Elements.Atomic mass, Isotopes and Isobars with examples. Formation of Compounds.	Write down law of conservation of mass and Law of constant proportion with example.(2D Activity) Explanation of Laws of Chemical combinations through IIP using Google Link: https://www.youtube.com/watch?v=3E3JtO6FqEE	Students will be able to understand the fundamental building blocks of matter, atoms, and molecules, including their structure, properties, and behaviour.
October	**Chapter-3 Atoms and Molecules**	20	Isotopes and Isobars with examples. Formation of Compounds.	Classify the elements and compounds used in food items in everyday life.(Culinary)	Exploring the periodic table, chemical bonding, and chemical reactions to comprehend the composition and transformation of substances.

Month	Chapter	Days	Topics	Activity/Link	Learning Outcome
November	**Chapter-4 Structure of Atom**	22	Mole Concept and their Numericals.Molar mass & their Calculation,Ions,Cations & Anions , Polyatomic ions. Discovery of Electrons &Protons, ThomsonAtomicModel,Rutherford's Nuclear Model & their defects.Bohr's Atomic Model.	Explanation of Different models of Atoms & Rutherford Experiment through IIP using Google Link: https://www.youtube.com/watch?v=X0ziG5Dg_Mg	Students will be able to grasp the fundamental concepts of atomic structure, including subatomic particles, their properties, and arrangement within the atom. (Revision For PT-II Exam)
December	**Chapter-4 Structure of Atom**	21	Atomc number & Atomic Mass,Arrangements of electrons in Atom,Electrovalency & Covalency with Examples. Radioactive Isotopes with Applications.	—---------------------	Exploring atomic models, the periodic table, and chemical bonding to understand the organization and behavior of elements. (PT-II Exam Commences from 16/12/24 and concludes on 24/12/24)
January	**Revision of Unit-1 and Unit-2 Revision of Unit-3 and Unit-4**	21	—--------------------	—--------------------	—-----------------
February	**(Annual Practical Exam & Revision for Annual Exam)**	21	—-----------------	—---------------------	—------------------
March	**(Annual Exam Commences from 03/03/24)**	22	—----------------	—--------------------	—-------------------

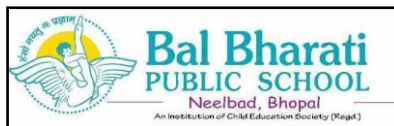**CLASS –IX**   **SUBJECT:SCIENCE (PHYSICS)**

Month	Chapter Name	No. of Days Required	Sub-topics	Curriculum Mapping	Learning Outcomes
April	**Chapter-1 Motion**	22	Motion and its types, uniform and non-uniform motion with examples and diagrams. Introduction of distance, displacement, speed and its types with numerical, velocity and its types with numerical, acceleration and its type . position-time graph, velocity- time graph.	Experiment based on diffusion and Brownian motion.(3D Activity)	Students are able to understand 1. Motion of bodies in 1D, 2D and 3D 2. Measurement of instantaneous speed by using Speedometer 3. Measurement of velocity and acceleration of vehicles

May	**Chapter-1 Motion**	11	Applications of Velocity- time graph, equations of motion and their applications with graphs and derivatives using v-t graph. Uniform circular motion and its numerical.	1. Demonstration of velocity- time, position- time graph and distance covered by bodies is measured. 2. Motion of balls moving in upward direction and effect of acceleration due to gravity when body is thrown vertically upward, activity is demonstrated.	Students are able to understand 1.How can measure acceleration of different objects 2. How can measure velocity, displacement of different objects. 3. Motion of body on circular path by using examples. 4. Concept for inertia for rest body and moving bodies.
June	**Chapter-2 Forces and laws of motion**	09	Definition of force, balanced and unbalanced force, concept of inertia.	1. Demonstration of the body moving in a circular path. 2. Force is demonstrated by using examples of daily life	
July		25	Newton's law of motion, Linear momentum, Recoil velocity of gun, applications of Newton's third law	1. Concept of inertia is explained by using examples of stationary objects. 2. Recoil velocity is demonstrated by examples of gun 3. Examples of Newton's third law is explained by using demonstration.	Students are able to understand 1. Newton's first law of motion by using concept of inertia 2. Linear momentum by examples 3.Recoil velocity of gun or rifle when a bullet is fired from it. **(PT-1 Commences from 01/07/24 and concludes on 08/07/24)**

August	**Revision Chapter-1 Motion** **Chapter-2 Forces and laws of motion**	23	—--------------------	—--------------------	**(Mid Term Exam Commences from 23/08/24 and concludes on 09/09/24)**
September	**Chapter-3 Gravitation**	22	Universal law of gravitation, Applications of gravitation, relation between g and G, Mass, Weight, Relationship between weight of an object moon and weight of an object on earth.	1. Concept of mass and weight is explained by demonstration of different object of different masses. 2. Concept of gravitation is demonstrated by examples of free fall and free falling objects.	Students are able to understand 1. Concept of gravitational force 2. Relation between g and G 3.Difference between g and G 4. Concept of weight and mass and factors affecting on weight
October	**Flotation**	20	Pressure, Thrust, Upthrust, Buoyant force, Buoyancy, Archimedes' principle of flotation, Laws of flotation, Relative density	1. Pressure and thrust explained by using different objects. 2. Density is explained by using demonstration of different objects with different masses. 3.. Laws of flotation are explained by immersing different objects in liquid.	Students are able to understand 1. Pressure and factors affecting it 2. Laws of flotation 3. Archimedes'' principle for floating objects 4. Concept of Buoyant force and buoyancy
November	**Chapter-4 Work, energy and Power**	22	Work done and its types, Energy, Mechanical energy, Kinetic energy and its numerical Work energy theorem, Potential energy with its formula, Power and its numerical	1. Kinetic energy is demonstrated by motion of bodies having different masses and different weights. 2. Work done is demonstrated by using force in different directions on moving bodies. 3. Force and mechanical work is demonstrated by taking bodies of different masses.	Students are able to understand 1. Work done by an object in same direction and opposite direction of force 2. Mechanical energy and its types like Kinetic and potential energy.

Month	Chapter	Periods	Content	Activities	Learning Outcomes
December	**Chapter-5 Sound**	21	Introduction of Waves, Mechanical waves and its types, transverse and longitudinal wave with examples and diagrams, pitch, loudness, Quality of sound, Wavelength, frequency, Relations between velocity of wave, wavelength and frequency, Sound waves and its types like infrasonic, audible and ultrasonic sound, and its applications ,Reflection of sound, Echo and reverberation with examples, SONAR and its applications.	1. Reflection of sound is demonstrated in an empty hall by producing sound. 2. Reflection of sound is demonstrated by using two metallic pipes and a stopwatch to know the angle of incidence and angle of reflection. 3. Sound waves and its types are explained by demonstration of audio sound, examples of infrasonic sound and ultrasonic sounds.	Students are able to understand 1. Concept of waves, wavelength, amplitude, pitch, loudness, frequency and time period. 2. Applications of Transverse and longitudinal waves 3. Sound waves and their types with examples and frequency and wavelength range 4. Applications of ultrasonic waves in daily life. 5. Concept of Echo and reverberation with examples 6. Application of SONAR in daily life.
January	**Revision of CH-1 and CH -2 Revision of CH -3, CH -4 and CH-5**	21	—--------------------	—--------------------	—-----------------
February	**(Annual Practical Exam & Revision for Annual Exam)**	21	—-----------------	—---------------------	—------------------
March	**(Annual Exam Commences from 03/03/24)**	22	—-----------------	—---------------------	—--------------------

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CLASS – IX   **SUBJECT: SOCIAL SCIENCE**

SOCIAL SCIENCE					
Month	**UNIT/CHAPTER/ TOPIC**	**Subtopics**	**Required Periods**	**Curriculum mapping**	**Learning Outcomes**
APRIL	**Economics Ch-1 The Story of Village Palampur**	Introduction Organisation of ProductionFarming in Palampur 1. Land is fixed 2. Is there a way one can grow more from the same land? 3. Will the land sustain? 4. How is land distributed between the farmers of Palampur? 5. Who will provide the	**5**	1 List the farming and non-farming activities of your village. 2 Draw a poster of a village you visited, showing developmental facilities Videos and worksheets present in MY CBSE Guide .	● Analyse and infer how the prevailing farming conditions impact economic development of different states ● Enlist the requirements of production and summarize the interdependence of these requirements. ● Enlist non-farm activities and depict the link with economic growth.

			labour? 6. Non-Farm Activities in Palampur		
	Geography Ch-1 India-Size and Location	1. **Location** 2. Size 3. India and the World 4. India's Neighbours	4	Find out (Map Work) ● the important silk route of India, ● Europeans came to India by which sea route. ● How Suez canal has reduced the distance between India and Europe. ● Mark the important trade centers of India ● India can trade with which countries through Arabian sea and Bay of Bengal. Make a 3D globe at home	● Justify the reasons for the differences in climatic conditions, local and standard time. ● To Infer how the conditions and relationships of the people living in states that are sharing border with the neighbouring countries impact trade and culture. ● Justify the selection of 82.5E* longitude as Time meridian of India. (IST) Critically analyse the role of opening of Suez Canal in improvement of foreign trade
	Political science Ch -1 What is democracy ? Why Democracy?	What is democracy? Features of democracy Why democracy? Broader meaning of democracy	6	Make an amazing creative book showing merits and demerits of democracy Videos and worksheets present in MY CBSE Guide .	● Compare and Contrast working of democracies of India and North Korea and infer on their differences and significance in each country. * Define Democracy and enumerate its features. * Evaluate the authenticity of the voting rights of the Indian population versus the population of Iran.

					* Interpret the statement "Democracy provides a method to deal with differences and conflicts" with reference to India. *Summarize the features and benefits of democracy *Compare and contrast the conditions that prevailed in France that led to revolution with the conditions that led to the first war of Indian Independence. (1857). * Critically Examine the situations that made the raise in demand of voting rights by passive citizens as well as women Propose solutions to address such imbalances and discriminations that lead to revolutions *Appraise the impact of the French revolution on the world
MAY	**History Ch-1(to be continued) The French Revolution**	● The French Revolution ● French Society During the Late Eighteenth Century ● The Struggle to Survive ● A Growing Middle Class Envisages an End to Privileges ● The Outbreak of the Revolution ● France Becomes a Constitutional Monarchy ● France Abolishes Monarchy and Becomes a Republic	13	Picture analysis of all the pictures of text book present in the chapter Videos and worksheets present in MY CBSE Guide .	● Compare and contrast the conditions that prevailed in France that led to revolution with the conditions that led to the first war of Indian Independence. (1857). ● Critically Examine the situations that made the raise in demand of voting rights by passive citizens as well as women. ● Propose solutions to address such imbalances and discriminations that lead to revolutions ● Appraise the impact of the French revolution on the world.

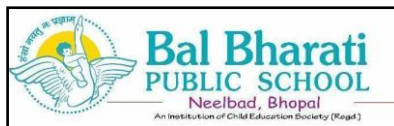|					
		● The Reign of Terror ● The Revolution and Everyday Life			
JUNE	**GEOGRAPHY Ch-2 Physical Features of India**	Major physiographic divisions The great Himalayan The northern plains Desert Coastal plains Island Peninsular	**7**	to prepare collage of all six physical features of India Videos and worksheets present in MY CBSE Guide .	*Conclude why India is a subcontinent based on study of different physical features. *Analyse the conditions and relationships of the people living in different physiographic areas. *Enumerate the different environmental issues in India and propose solutions for these issues
JULY	**Economics-Ch-2 People as Resource**	Drainage system of India The peninsular rivers and seasonal rivers Lakes , role of rivers in an economy	**6**	3D MODEL OF DIFFERENT HOUSING Videos and worksheets present in MY CBSE Guide .	*Analyse and infer the reasons that contribute to the quality of population *Enumerate the different schemes of Government in some states and infer on the quality of people there by. *Propose solutions to resolve unemployment problem
	Political science ch -2 Constitutional Design	Democratic constitution in south Africa Need of constitution Making of constitution	**7**	draw the colourful preamble in class work copy Videos and worksheets present in MY	*Analyse the difference between written or unwritten constitutions with reference to India and USA. * Describe the situation that led to creation of

		Broader meaning of democracy		CBSE Guide .	Indian Constitution. *Compare and contrast between Preamble of South African constitution with the preamble of Indian constitution. *Enumerate the roles and responsibilities as citizens of India
	History ch -2 Socialism in Europe and the Russian Revolution	The age of social change The Russian revolution Change after revolution	**15**	Map practice prescribed in syllabus	*To compare and contrast the situations that led to the rise of Russian & French Revolutions. *Cite the impact of Collaboration and communication rendered by the philosophers and leaders in creating awareness amongst the common people *Evaluate the situations that enabled Lenin's Communism. *Interpret the different ideas of philosophers and leaders that shaped the revolution.
AUGUST	**Geography ch -3 Drainage**	Drainage system of Of India The Himalayan river The peninsular rivers Lakes Role of rivers in India Rivers pollution	**08**	Make a model of drainage system and water conservation method Videos and worksheets present in MY CBSE Guide .	*Enlist the different rivers, the areas they serve and their impact on the economy of That area. * Enumerate the different lakes and describe their contribution to the Indian ecology. *Present creative solutions to overcome the water pollution

	History ch-3 **Nazism and the** **Rise of Hitler**	Birth of weimer republic Hitler's rise to power The nazi world view Youth in nazi Germany	**15**	ROLE PLAY -To play the role of any character of nazism story.	*Cite the events that helped Hitler's rise to power *Evaluate various character traits of Hitler *Compare and contrast the characteristics of Bismarck and Hitler Analyse the role of "Treaty of Versailles in the rise of Nazism and Hitler Critique the genocidal war waged against Jews by the Nazi
	Political Science **Ch-3** **Electoral Politics**	Why elections? What is our system of elections? What makes elections in india democratic	**8**	Imagine you as a political leader or the active member of party.draft slogans ,parodies to campaign for your party Videos and worksheets present in MY CBSE Guide .	*Evaluate the role of political parties to adhere to electoral promises. * Create a solution for eradication of malpractices in elections Differentiate between representative democracy and competitive party politics. Summarize the essential features of the Indian Electoral system. Examine the rationale for adopting the present Indian Electoral System.
SEPTE MBER	**Economics ch-3** **Poverty as a** **Challenges**	**Two typical cases of poverty** **Poverty estimates** **Vulnerable groups** **Interstate disparities** **Global poverty scenario** **Causes of poverty** **Measures and challenges**	**8**	prepare the flow chart and content chart of the causes of poverty	I*Analyse and infer the reasons of poverty in the rural and urban areas. *Evaluate the efficacy of government to eradicate poverty. *Compare how poverty estimates have transformed from 1993-94 to 2011-12 *Examine the link between education and poverty.
	Geography ch-4 **Climate**	**Meaning** **Climatic controls** **Factors influencing India's climate**	**10**	Article writing on "Save earth from global warming	*Infer how the factors determine the climate of India. * Analyse and infer the effect of monsoon winds on rainfall of the Indian subcontinent.

		The seasons		Videos and worksheets present in MY CBSE Guide .	* Analyse the temperatures between plateau region, Himalayan region, desert region and coastal region. *Enumerate and summarize the reasons for the wide difference between temperatures at different geographical locations of India *Propose protocols as preventive action for various disasters
OCTOBER	**Geography ch-5 Natural vegetation and Wildlife**	Types of vegetation Wild life	**08**	ALBUM MAKING - Natural vegetation and wild life	Interdisciplinary Project with Chapter 5 of Geography "Natural Vegetation and WildLife
	History ch-4 Forest Society and colonialism	Why deforestation? The rise commercial forestry Rebellion in the forest Forest transformation in jawa	**06**	Explore about the forest act passed in India	• Understand how oral traditions can be used to explore tribal revolts. • Analyse the impact of colonialism on forest societies and the implication of scientific forestry.
	Political Science -4 Working of institutions	• How is the major policy decision taken? • Parliament • Political executive • Judiciary	**08**	3D model of old and new parliament and other working institutions of India Videos and worksheets present in MY CBSE Guide .	*Analyse and infer how the three organs are interdependent and independent to execute their roles *Summarize and evaluate the rule of law in India. *Represent the role of Parliament and its procedures. *Distinguish between political and permanent executive authorities and functions. *Understand the parliamentary system of executive's accountability to the legislature. *Understand the working of Indian Judiciary

NOVE MBER	**Geography ch-6 Population**	Population size and distribution Population growth and processes of population change.	05	Explore the pastoralists which are still present in the country and write an article about it . Videos and worksheets present in MY CBSE Guide .	Analyse and infer the reasons behind the uneven distribution of population in India with specification
	History ch-5 Pastoralists in the modern world	Pastoral nomads and their movements Colonial rules and pastoral lives. Pastoralism in Africa	08	*Explore the list of pastoral nomads still present in India, collect the pictures and write in short about them	*Compare and contrast the lives of Pastoralists pre & post colonialism *Analyse the situations that have created Nomadic society *Compare and contrast the lives and the reasons for poverty of pastoral nomads of India with African Pastoral Nomadic tribes. *Analyse and infer varying patterns of developments within pastoral societies in different places in India. * Analyse the impact of colonialism on forest societies leading to scientific forestry. Enumerate the different processes through which transformation of livelihood occur in the modern world
DECEM BER	**Economics ch-4 Food Security in India**	What is food security? Why food security Who are food insecure? Food security in India. Role of cooperatives in food security.	06	Presentation and discussion on the function of FCI Work on "How to store food properly so it doesn't go off .	*Enumerate various aspects of food security that will ensure continuity of supply to the masses. *Examine, analyse and infer various sources of data that point to the rationale of FSI *Enumerate different features of PDS that directly address FSI. *Analyse and infer the impact of Green revolution in strengthening the PDS.

	Political Science ch -5 Democratic Rights	Life without rights. Rights in a democracy rights in the Indian constitution Expanding the scope of rights	**07**	debate -fundamental duties are important along with Videos and worksheets present in MY CBSE Guide .	*Evaluate the statement "Democracy is meaningless without rights" *Analyse their role as responsible citizens. Summarize the flipped coexistence of rights versus duties * Apply the process available to citizens for safeguarding rights.
JANUARY	**Revision**				
FEBRUARY	**Revision and Final Exams**				
MARCH					

SYLLABUS BIFURCATION
SESSION 2024-2025

CLASS – IX   **SUBJECT: INFORMATION TECHNOLOGY**

Month	Chapter Name	No. of Days Required	Sub-topics	Curriculum Mapping	Learning Outcomes
APRIL	**Unit-1 Communication Skill**s	12	• What is Communication? • Verbal and Non-Verbal Methods of Communication • Visual and Written Methods of Communication. • English Language Skills-I Parts of Speech	**7Cs of effective communication Materials required:** Pen/pencil, notebook Procedure • Write down examples of the 7Cs of communication in their notebook. • For each of the 7Cs, a student volunteer to give his/her example of how to communicate well. The other students (with teacher's guidance) say if it is correct or incorrect. **Role Play on Communication Process ProcedureL:** • Form groups with three students in each group. • Act out a conversation between the three people. The situation is that you need to sell some items to an old couple who has come to a shop. One person can act as the salesperson and the other two as an old man and his wife. • Discuss what you learned from this.	1. Demonstrate Knowledge of various methods of Communication 2. Identify elements of Communication Cycle. 3. Identify the factors affecting our perspectives in communication 4. explain the importance of non-verbal and visual communication. 5. Identify different types of non-verbal communication. 6. Use the right non-verbal communication at work. Avoid common mistakes in non-verbal communication.
MAY	**Unit-1 Communication Skills**	8	• Pronunciation Rules • Sentence Formation-1 • Introducing Onself and Others	**Identifying parts of speech Materials required:** Notebook, pen Procedure Read aloud the paragraph given	1. Demonstrate the Knowledge of basic writing skills 2. Explain the usage of the

			• Sentance Formation-2	below. "onsunday, i have an appointment to meet Dr. Patel in delhi. my house is near Mr.Patelsshop i went to his shop on friday to buy vegetables I bought potatoes onions carrots and a cabbage Mr. Patel is a friendly man have you met him" • This paragraph contains examples of the parts of speech you learnt about in this lesson. • Identify as many of these parts of speech as you can and mark them. • Write the paragraph with proper punctuation and capitalisation. **Making sentences Materials required:** Notebook, pen Procedure • Form pairs of students. • First, write down three sentences that contain direct objects. Then, write down three other sentences that contain both direct and indirect objects. • Use different colours to mark the different parts of each sentence (Subject, Verb, Object). • One volunteer shows their list to the class, who correct if needed.	parts of speech. 3. Identify the supporting parts of speech, such as articles, conjunctions, prepositions and interjections. 4. Identify the different parts of a sentence. 5. Differentiate between active and passive voice. Identify and compose different types of sentences.
JUNE	Unit-2: Self Management Skills-I	10	• Factors that help in building self-confidence- social, cultural and physical factors. • Self confidence building tips. • Getting rid of the negative thoughts, thinking positively, staying happy with small things. • Staying clean, hygienic and smart, chatting with positive people.	• Role play exercises o building self-confidence. • Use of positive metaphors/words. • Positive stroking on wakeup and before going to bed. • Helping others and working for community.	1. Describe the meaning and importance of self-management. 2. Identify the factors that helps in building self-confidence.
JULY	Unit-3: Basic ICT Skills-I	25	• Introduction to Role and importance of ICT in personal life	• Preparing posters/ collage for showing the role of ICT at	Students will learn: 1. Describe the role of ICT in

			• Basic components of computer system • Hardware and software • Procedure for starting and shutting down computer. • Operating systems and its types. • Introduction to Internet. • Application of Internet. • Websites and webpages. • Emails • Introduction to social media.	workplace. • Start the computer in proper sequence and get intioal screen. • Identify and name the primary and secondary memory. • Identify the installed OS on computer. • Work with desktop. Create file and folder. • Introduce with Internet. • Search the websites • Create Email account • Send and receive emails • Use social media for education.	day-to-day life. 2. Identify the various components of computer system 3. Identify various peripheral devices. 4. perform basic computer operations. 5. Connect with the world using Internet and its applications.
AUGUST	Unit-4: Entrepreneurial Skills-I	8	• Types of businesses-service manufacturing, hybrid. • Types of businesses found in our community, business activity around us. • Meaning of entrepreneurship development • Distinguishing characteristics of entrpreneurship	• Prepare posters of business activities found in cities/villages, using pictures. • Best out of waste • Costing the product made out of waste. • Selling items made from waste materials. • Prepare charts showing advantages of entrepreneurship over wages. • Group discussion on role and features of entrepreneurship.	Students will learn: 1. Identify various types of business activities 2. Demonstrate the knowedge of distinguishing characteristics of entrepreneurship
	Unit-5: Green Skills	4	• Definition of green economy • Importance of green economy. • Green jobs • Sustainable development goals	• Prepare posters showing environment conservation. • Discussion on various factors that influence our environment. • Prepare poster showing importance of green economy with the help of newspaper/magazine cuttings.	Students will learn: 1. Demonstrate the knowledge of the factors influencing natural resource conservation. 2. Describe the importance of green economy and green skills
SEPTEMBER	PART-B Unit-1: Word Processing (Elementrary)	20	• Introduction to word processing. • Word processing applications/features • Parts of the main window	• Start new document and change document views format, save and close document. • Apply various character formatting	Students will learn: 1. Start the word processing application 2. Set up options in Writer

			• Document views • Creating, opening, saving closing document. • Text editing-cut, copy, paste • Find and replace • Inserting special characters • Formatting • Spelling and grammar check • AutoCorrect, • Page breaks • Page formatting • Table menu options • Printing document •	options in text. • Assign number or bullets to the lists items. • Use spelling check and Autocorrect, autotext • Format a page • Explore table menu option • Change properties of a table • Print the document.	3. Enter and edit the text 4. Format the paragraph and text 5. Format pages 6. Create and use tables Print the document
OCTOBER	Unit-2: Spreadsheet Applications (Elementary)	20	• Introduction to spreadsheet • Spreadsheet items • Columns and row operations • Operations performed on sheets • Freezing and unfreezing rows and columns • Autoinput, merging and splitting cells • Conditional formatting • Sorting records • Using find and replace options • Creating formatting and exporting charts • Formulas and functions in spreadsheet • Printing spreadsheet.	• Create open and save spreadsheets • Insert, move, copy, delete, single and multiple rows or columns in a sheet. • Freeze, unfreeze rows and columns • Create charts and graphs using wizard for sample data. • Demonstrate the absolute and relative reference. • Print the worksheets	Students will learn: 1. Create a Spreadsheet 2. Enter and edit the text in spreadsheet 3. Format data in the spreadsheet 4. create charts and graphs 5. Add graphs 6. Use formulas and functions 7. Print the spreadsheet
NOVEMBER	Unit-3: Presentation	20	• Introduction to presentation software. • Components of Impress window • Different workspace views • Formatting presentation • Creating slide masters • Creating templates • Inserting images and formatting	• Create a Presentation on the given topic • Format the presentation • Run the presentation. • Create the slide masters • Set default templates • Insert images into presentation and format	Students will learn: 1. Create a presentation 2. Add and format text 3. Add and format images 4.Mmanage graphic objects 5. Create slide show, apply transition and animations 6. Print, Export and save the

			- Drawing tools - Graphics objects - Creating slide show using basic settings - Custom slide show - Running slide show - Printing presentation	- Insert graphic objects and format - Create slide show and apply various properties - Print the presentation in various views	presentation
DECEMBER	Revision				
JANUARY	Revision and Practical				
FEBRUARY	Annual Exams				
MARCH					