



TAPOVAN INTERNATIONAL SCHOOL
YEARLY SYLLABUS 2025-26

SUBJECT: English

Class: IX

Sr.No.	Month	No.of Working Days	No. & Name of the Chapter / Lesson	Content / Sub Topics	Activities
1.	April	22	Beehive Textbook : Prose 1. The Fun They Had Prose 2. The Sound of Music Poetry 1. The Road Not Taken Moments Supplementary Reader : 1. The Lost Child Grammar :: Subject Verb Concord Writing: Informal Letter	1. Introduction of the author, his literary works, genre, content characters, main protagonist, theme, plot, sub plot, explanation of lines, discussion and explanation of textual as well as value based questions. 2. Introduction of the poets, their work, theme of the poems and appreciation of poetic writing skills. 3. Understanding the correct use of forms of Verbs and how to use them with different singular and plural subjects . 4. Students will learn format and usage of Informal letter.	Solving exercises from the textbooks. Write summary of poems. Group discussion on various characters in the story. <i>Students will solve Worksheet on Subject -verb concord</i>
2.	June	23	Beehive Textbook : Prose 3. The Little Girl Prose 4. A Truly Beautiful Mind Poetry 2. Wind Moments Supplementary Reader : 2. The Adventures of Toto Grammar : Tenses Writing: Descriptive Paragraph Writing (Person)	1. Students will gain biographical knowledge of Isaac Newton. 2. Introduction of the poet, and poem theme. 3. Describing the context, the poetic devices and the language used by the poet. Value the poem in its totality. 4. Understanding the correct use of forms of verbs. 5. Learning of Paragraph Writing format and necessary requisites.	Students will discuss their fear and remedies to overcome from it. Students will collect information of Isaac Newton. The students will narrate their adventurous stories. Students will prepare the chart of Tenses. <i>Students will solve Worksheet on Tenses</i>

3.	July	26	<p>Beehive Textbook : Prose 5. The Snake and the Mirror Poetry 3. Rain on the Roof</p> <p>Moments Supplementary Reader : 3. Iswaran the Storyteller</p> <p>Grammar : Reported Speech -Statement</p> <p>Writing: Formal Letter Writing (Leave Application) Story Writing</p>	<ol style="list-style-type: none"> 1. Introduction about the author, his work, genre, plot, sub- plot, characters, explanation of lines. 2. Explanation of textual as well as value based questions. 3. Learning format of Leave Application letter. 4. Using story writing tips of plotting, sub-plotting, with coherence, cohesive, narrative and interactive modes 	<p>Conduct multiple exercises from text along with character sketch writing.</p> <p>Poem recitation.</p> <p>Conduct of Subject Enrichment Activity for Term I.</p> <p>Activity of Story writing. <i>Solving of Exercises of reported speech in Worksheet.</i></p>
4.	Aug	18	<p>Beehive Textbook : Prose 6. My Childhood Poetry 4. The Lake Isle of Innisfree</p> <p>Moments Supplementary Reader : 4. In the Kingdom of Fools</p> <p>Grammar : Reported Speech – Questions</p> <p>Writing: Diary Entry</p>	<ol style="list-style-type: none"> 1. Brief introduction of Dr. A.P.J Abdul Kalam. 2. Introduction of the poet. The students will appreciate the country life. 3. Describe the character traits of the important characters from the story. 4. Learning the rules and examples to convert into Indirect Speech. 5. Learning of Diary Entry on various topics. 	<p>Students will collect information about Dr. A.P.J. Abdul Kalam</p> <p>Students will have intensive reading of Supplementary Reader and write the <u>Story Review</u>.</p> <p>Conduct of Multiple Assessment Task for Term I.</p>
5.	Sept	25	<p>Beehive Textbook : Poetry 5. A Legend of the Northland</p> <p>Moments Supplementary Reader : 5. The Happy Prince</p> <p>Revision for Term End -1 Examination.</p>	<ol style="list-style-type: none"> 1. Introduction of the theme of the poem. Understanding the life of soldiers. 2. Introduction about the author, his literary work and explain the gist of the chapter. 4. Revision of all the chapters with grammar topics. 	<p>Students will sing patriotic songs and express their feelings of patriotism.</p> <p>Passage comprehension.</p> <p><i>Worksheet based on Grammar and Reading Comprehension will be solved.</i></p>
6.	Oct	12	<p>Beehive Textbook : Prose 7. Reach for the Top Poetry 6. No Men are Foreign</p> <p>Grammar : Modal verb</p> <p>Writing: Formal Letter to the Editor</p>	<ol style="list-style-type: none"> 1. Introduction of the author, his literary work. The students will appreciate the hard work, sincerity and dedication of Santosh Yadav and Maria Sarapova. 2. Understanding of various Modal verbs in the required contexts. 3. Students will learn reasons of letter writing to the Editor 	<p>Picture composition, role play. Group discussion on relevant topic.</p> <p>Conduct quiz on the chapters done.</p> <p><i>Students will solve the Worksheet on Modal verbs.</i></p>

7.	Nov	22	Beehive Textbook : Prose 8. Kathmandu Poetry 7. On Killing a Tree Moments Supplementary Reader : 6. The Last Leaf Grammar : Determiners Writing: Descriptive Paragraph Writing (Event/Situation)	1. Understanding the term travelogue and its need. 2. Students will write an essay on 'Human and Nature.' 3. Students will learn to describe the character traits of the characters of 'The Last Leaf.' 4. Use of determiners according to the given context.	Group reading and discussion. The students will describe the importance of trees in our lives. <i>Worksheet on Determiners in exercises of Editing and Omission of Errors.</i> Conduct of Multiple Assessment Task for Term II.
8.	Dec	25	Beehive Textbook : Prose 9. If I Were You Poetry: 8. A Slumber Did My Spirit Seal Moments Supplementary Reader : 7. A House Is Not a Home Grammar : Reported Speech – Commands & Request Writing: Dialogue Writing	1. Introduction of the theme of the drama ,the author, his literary work, genre, characters, main protagonist and plot, sub plot. 2. Appreciation of the poem and Interpretation of its theme. 3. Learning of reported speech in imperative sentences. 4. Students will learn to write Dialogue writing in Script form with expressions and punctuations.	Dramatization of the play in the class. Students will be given task to tell and write this suspense story in their own words. Conduct of Subject Enrichment Activity for Term II. Group discussion on teenagers and their challenges. Students will write character sketch of various characters from literature.
9.	Jan	17	Moments Supplementary Reader : 8. The Beggar	Introduction of the chapter. To develop the values of honesty and hard work.	Group discussion on the relevant topics.
10.	Feb	23	Revision for Final Exam	Revision of all topics in Grammar and Literature. Enhancing the skills of comprehension and content writing.	Solving multiple exercises from sample papers and worksheets.
11.	Mar	10	Conduct of Final Exam	Enhancing the skills of comprehension and content writing.	Solving multiple exercises from sample papers.

Name of the Teacher : Ms. Sailaja Achalla

Mr. Malav Trivedi



SUBJECT: Mathematics (041)

Class: IX

Sr.No	Month	No.of Working Days	No. & Name of the Chapter / Lesson	Content / Sub Topics	Activities
1.	April	22	<p>Chapter : 1 Number systems.</p> <p>Chapter : 3 Coordinate Geometry.</p> <p>Chapter : 4-Linear Equation in two variables.</p>	<p>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.</p> <p>2. Examples of non-recurring/non-terminating decimals. Existence of non-rational numbers (irrational numbers) 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.</p> <p>3. Definition of nth root of a real number.</p> <p>4. Rationalization (with precise meaning) of real numbers of the type $\frac{a}{\sqrt{b}}$ and $\frac{a}{\sqrt{b} + \sqrt{c}}$ (and their combinations) where x and y are natural number and a and b are integers.</p> <p>5. Recall of laws of exponents with integral powers. Rational exponents with positive real bases.</p> <p>The Cartesian plane, coordinates of a point, names and terms associated with the coordinate plane, notations. Recall of linear equations in one variable.</p> <p>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.</p>	<p>.Constructing the “ Square Root Spiral “</p> <p>CBQ and MCQ</p> <p>Plotting of coordinates .(Mirror Image)</p> <p>CBQ and MCQ</p>

2.	June	23	<p>Chapter : 2 Polynomials</p> <p>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 polynomial.</p> <p>Chapter : 6 Lines and Angles</p> <p>1. (Motivate) If a ray stands on a line, then the sum of the two adjacent angles so formed is 180° 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.</p>	<p>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 polynomial.</p> <p>1. (Motivate) If a ray stands on a line, then the sum of the two adjacent angles so formed is 180° 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.</p>	<p>Mind-Map</p> <p>CBQ and MCQ</p>
3.	July	26	<p>Chapter : 7 Triangles</p> <p>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). 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.</p>	<p>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). 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.</p>	<p>CBQ and MCQ</p>

4.	August	18	Chapter : 10 Heron's formula	Area of a triangle using Heron's formula (without proof).	
5.	September	25	Chapter : 5 Euclids Geometry REVISION FOR MID TERM	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.	
6.	October	12	Chapter : 8 –Quadrilaterals	1. (Prove) The diagonal divides a parallelogram into two congruent triangles. 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. 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.	CBQ and MCQ
7.	November	22	Chapter :11- Surface area and Volumes Chapter :9-Circles	Surface areas and volumes of spheres (including hemispheres) and right circular cones. 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.	Mind –Map 1. To verify that angle subtended by an arc at the centre is twice the angle subtended by the same arc at any other point on the remaining part of the circle.
8.	December	25	Chapter :9-Circles (Continued.....)	3. (Motivate) Equal chords of a circle (or of congruent circles) are equidistant from the center (or their respective centers) and conversely.	2. To verify that the angles in the same segment of a circle are equal.

				<p>4. (Prove) The angle subtended by an arc at the center is double the angle subtended by it at any point on the remaining part of the circle.</p> <p>5. (Motivate) Angles in the same segment of a circle are equal.</p> <p>6.(Motivate) If a line segment joining two points subtends equal angle at two other points lying on the same side of the line containing the segment, the four points lie on a circle.</p> <p>7.(Motivate) The sum of either of the pair of the opposite angles of a cyclic quadrilateral is 180° and its converse.</p>	CBQ and MCQ
9.	January	17	Chapter :12 - Statistics	Bar graphs, histograms (with varying base lengths), and frequency polygons.	CBQ and MCQ
10.	February	23	REVISION FOR ANNUAL EXAM	Revision Test of each chapter.	

Name of the Teacher : Mr. Satish Sharma

Mr. Sonu Chawalani

Mr. Sunil Israni



TAPOVAN INTERNATIONAL SCHOOL
YEARLY SYLLABUS 2025-26

SUBJECT: PHYSICS

Class: IX

Sr. No.	Month	No. of Working Days	No. & Name of the Chapter	Content / Sub Topics	Activities
1	April	22	7. Motion	Basic terms related to motion, Distance, displacement, speed, velocity; uniform and non-uniform motion along a straight line; acceleration.	To explain Uniform circular motion using various activities on ground.
2	June	23	7. Motion 8. Force and Laws of Motion	Distance-time and velocity-time graphs. Equations of motion, Elementary idea of uniform circular motion. Force, Effects of force, Balanced and Unbalanced Forces, Newton's First Law of Motion, Inertia and mass	Worksheet (CBQs, NCERT exemplar, Sample questions) To explain concept of Inertia using activity and its dependence on mass.
3	July	26	8. Force and Laws of Motion 9. Gravitation	Newton's second Law of Motion, Momentum, Newton's Third Law of Motion, Action and reaction forces. Gravitation; Universal Law of Gravitation, Gravity on the Earth	To demonstrate Newton's laws of motion using a variety of ground-based exercises. Worksheet (CBQs, NCERT exemplar, Sample questions)
4	August	18	9. Gravitation	Acceleration due to Gravity; Free fall, Mass and Weight, Weight of an object on moon.	Video of free fall activity.

5	September	25	9. Gravitation	FLOATATION: Thrust and Pressure, Pressure in fluids, Buoyancy, Archimedes' Principle	To demonstrate three cases of floatation. Worksheet (CBQs, NCERT exemplar, Sample questions)
6	October	12	10. Work and Energy	Concept of work, Work done by a Force, Energy, Kinetic energy	
7	November	22	10. Work and Energy 11. Sound	Potential Energy of an object at a height, Law of conservation of energy, Power Nature of sound and its propagation in various media, characteristics of a sound wave	Worksheet (CBQs, NCERT exemplar, Sample questions) To verify the Laws of reflection of sound to determine the velocity of a pulse propagated through a stretched string/slinky.
8	December	25	11. Sound	Speed of sound in different media, Reflection of sound, Echo, Uses of multiple reflections of sound, Range of hearing, Applications of ultrasonic sound	To prepare model for studying sound propagation. To show video of application of ultrasound. Worksheet (CBQs, NCERT exemplar, Sample questions)
9	January	17	Revision	Motion, force and laws of motion	
10	February	23	Revision	Gravitation, Work and Energy, Sound	

Name of the Teacher: Ms. Vrushti Shah
Mr. Sheemon



TAPOVAN INTERNATIONAL SCHOOL
YEARLY SYLLABUS 2025-26

SUBJECT: **Biology**

Class:**IX**

Sr. No.	Month	No.of Working Days	No. & Name of the Chapter	Content / Sub Topics	Activities
1	April	22	5. The Fundamental Unit of Life	What is cell? Cell - basic unit of life Types of cell: prokaryotic and eukaryotic cells Multicellular organisms cell organelles, diffusion and osmosis, Types of solutions: Hypertonic solution, isotonic solution and Hypotonic solution Nucleus: It's structure, location and functions	<ul style="list-style-type: none"> To prepare stained temporary mounts of onion peel. CBQ based resource sheet
2	June	23	5. The Fundamental Unit of Life	Ribosome: It's structure and functions Endoplasmic reticulum: It's structure, location , types and functions Golgi Complex: It's structure, location and functions Lysosome: It's structure, location and functions Mitochondria: It's structure, location and functions Chloroplast: It's structure, location and functions Vacuole: Role of vacuole in plants, Difference between plant and animal vacuole Cell division: cell cycle, mitosis and meiosis.	<ul style="list-style-type: none"> Osmosis process by using raisins. To prepare stained temporary mounts of cheek cell. Video display of cell organelles. PPT presentation on cell organelles
3	July	26	12. Improvement in Food Resources	<u>Plant hybridization and its types.</u> Crop variety improvement: Factors responsible for crop variety improvement. production managements: Use of fertilizers and manures Crop protection: Protection from pests and diseases Organic farming	<ul style="list-style-type: none"> Role play on "wastage of food" CBQ based resource sheet
4	August	18	12. Improvement in Food Resources	<u>Animal Husbandry</u> Cattle Farming: Food requirement, shelter management and vaccination Poultry Farming: Food requirement, shelter management and vaccination Fish Production: marine culture, aquaculture, composite fish culture Bee- Keeping: Breeding, pasturage, apiculture	<ul style="list-style-type: none"> Video display on Animal husbandry.(Composite fish culture)

5	September	25	Revision	Revision	
6	October	12	6. Tissues	Structure and functions of animal and plant tissues Meristematic tissue : its location, characteristic types and functions Permanent tissues: Simple and complex tissue Simple permanent plant tissue: its location, characteristic types and functions	<ul style="list-style-type: none"> To identify parenchyma, collenchymas and sclerenchyma tissues in plants. CBQ based resource sheet
7	November	22	6. Tissues	Complex permanent plant tissue: its location, characteristic types and functions Epidermis of plant: its location, characteristic and functions	<ul style="list-style-type: none"> Observation of xylem and phloem tissue.
8	December	25	6. Tissues	Epithelial animal tissue: its location, characteristic and functions 1. Squamous, 2. Cuboidal, 3. Columnar, 4. glandular Connective tissue: its location, characteristic and functions 1. Blood and Lymph 4. Tendons. 2. Bone5. Ligaments 3. Cartilage	<ul style="list-style-type: none"> To identify types of muscular tissue observation of nervous tissue CBQ based resource sheet
9	January	17	6. Tissues	Connective tissue: Areolar tissue and Adipose tissue Muscular its location: characteristic, types and functions Nervoustissue: location, Structure and function	<ul style="list-style-type: none"> Video display of nervous tissue
10	February	23	Revision	Revision	
11	March	10			

Name of the Teacher: Ms. Banti Solanki



TAPOVAN INTERNATIONAL SCHOOL
YEARLY SYLLABUS 2025-2026

SUBJECT: Chemistry

Class: IX

Sr. No.	Month	No. of Working Days	No. & Name of the Chapter	Content / Sub Topics	Activities
1	April	25	1. Matter in our Surrounding	Definition of matter; solid, liquid and gas; State change- melting, freezing, evaporation, condensation, sublimation. Characteristics of solid e.g. shape, volume, density. State changes.(factors affecting state of matter) Basic physical quantities and their units.	To show that particles of matter are small. To show evaporation, diffusion, boiling and sublimation. To determine the melting point of ice and the boiling point of water. To show that temperature remains constant during change of state of matter. Worksheets (CBQ, MCQ, A&R.) /Resource sheets.
2	June	23	2. Is Matter Around Us Pure	Mixtures - Heterogeneous and homogenous mixtures, Elements, compounds types of solutions - True solution, colloids and suspensions	To prepare and compare true solution, suspension and colloidal solution.
3	July	26	2. Is Matter around us pure	Physical and chemical changes Metals, non-metals, metalloids and their properties	To prepare: mixture, compound of (Fe+S) to study physical /chemical change and compare compound and mixture.. Worksheets (CBQ, MCQ, A&R)/ , Resource sheets.
4	August	18	3. Atoms and molecules	Atoms and molecules. Law of constant proportions. Atomic and molecular masses.	To verify the law of conservation of mass in a chemical reaction.
5	September	25	Revision		

6	October	12	3. Atoms and Molecules	Valency, Chemical formulae of common compounds.	Formation of chemical formulas from different ions. Worksheets (CBQ,Assertion and reason)/Resource sheets.
7	November	22	4. Structure of Atom	Electrons, protons and neutrons; Thomson 's atomic model	Charts / models to study structure of atom.
8	December	25	4. Structure of Atom	Rutherford and Bohr's atomic model. Atomic number of elements 1 to 20	Subject enrichment activity- Comparison of Atomic models.
9	January	17	4. Structure Of Atom	Atomic No. and Mass No. Electronic configuration of elements Isotopes and isobars.	Numericals based on Average Atomic mass. Distribution of electrons in different cells. Worksheets (CBQ, MCQ, A&R)/ Resource sheets.
10	February	23	REVISION(Previous exam question papers ,sample papers and worksheets)		
11	March	10			

Name of the Teacher: Ms. Manisha Kumari , Mr. Deven Patel



TAPOVAN INTERNATIONAL SCHOOL
YEARLY SYLLABUS 2025-26

SUBJECT: Social Science

Class:IX

Sr.No.	Month	No.of Working Days	No. & Name of the Chapter /Lesson	Content / Sub Topics	Activities
1	April	22	Geography: Chapter 1.India-Size & Location History: Chapter 1. The French Revolution. Economics: Chapter 1. The story of village Palampur	Latitudinal & Longitudinal extent of India , Important Latitudes, Standard Meridian of India, Time difference from east to west of India, Neighbours of India. Introduction of French ancient regime and its crises, the social reason which led to revolution, The different revolutionary groups and ideas, philosophers and revolutionist of France, the legacy of France. Economic transactions of palampur and its interaction with the rest of the world through which the concept of production including three factors of production (land, labour, and capital) etc.	To locate the Latitudinal & Longitudinal extentof the places in the Atlas. Map work of important latitudes & longitudes of India. List down the important personalities of French revolution and their contribution towards French revolution Field survey- visit a nearby village and findout; Location,total area land use, facilitiesavailable
2	June	23	Civics: Chapter 1. What is democracy? Why democracy? Geography: Chapter 2. Physical features of India History: Chapter 2. Socialism in Europe and the Russian Revolution	Meaning of Democracy, Phase wise development of democracy in the world, features of democracy, ways of definingdemocracy Democracy and its value Land forms of India: Mountains, Plateaus,Plains, Desert, Hilly areas...etc, Formation based on Gondwana land and Eurasian plates, and Major mountains and peak of Himalaya. Nature of social movements between 1905 and 1917. The crises of Tzarism.The First World War and foundation ofSoviet State.	Group discussion on topic 'Broad meaning of democracy'.-to give knowledge regarding the duties and rights in Democracy Map work showing mountain ranges of India ,Plateaus and Coastal strips A video will be shown on socialism and TheRussian Revolution

3	July	26	<p>Economics: Chapter 2 People as a resource</p> <p>History: Chapter 3. Nazism and The Rise of Hitler</p> <p>Revision- PT 1</p>	<p>Introduction of how people become resource/asset; economic activities done by men and women; unpaid work done by women; quality of human resource; role of health and education ; unemployment as a form of non utilization of human resource; etc</p> <p>Rise of Nazism. The growth of social democracy , the crises of Germany ,the basis of Hitler's rise to power , the ideology of Nazism , the impact of Nazism.</p> <p>All the chapters will revised to understand the topics, Clearing the doubts related to Topics, Class test will be taken.</p>	<p>Group discussion on recent developments in health related measures were taken by the government.</p> <p>A documentary will be shown based on the Rise of Hitler.</p>
4	August	18	<p>Civics: Chapter 2. Constitutional Design</p> <p>Geography: Chapter 3. Drainage</p>	<p>How and why did India become a democracy? Framing of Indian constitution. Salient features of Indian constitution. Amendments in constitution</p> <p>Meaning of drainage system and its formation , Classification of rivers, Facts & figures of Important rivers of India like Indus, Ganga & Brahmaputra</p>	<p>To do research on Apartheid regime in South Africa, 1964 and the struggle of Dr. Nelson Mandela opposing this system.</p> <p>Map Work of important lakes & rivers of India, Making list of major rivers and mentioning multipurpose projects and their importance</p>
5	September	25	<p>Civics: Chapter 3. Electoral Politics</p> <p>Revision- Mid Term</p>	<p>Why do we have a system of competition among political parties? How have the citizens participate electoral politics? What are ways to ensure free and fair elections Why and how do we elect representatives</p> <p>All the chapters will revised to understand the topics, Clearing the doubts related to Topics, Class test and Quiz will be taken.</p>	<p>Election of a class monitor through the electoral process.</p>

6	October	12	Economics: Chapter 3. Poverty as a challenge Chapter 5 Pastoralists in the Modern World (To be assessed as a part of Periodic assessment only)	Case studies: Who is poor? Rural and urban. Absolute poverty (not as a concept but with examples. Why people are poor? Unequal distribution of resources; comparison between countries steps taken by government for poverty alleviation. Pastor Nomads and their movements Colonial rule and pastoral life. Pastoralism in Africa	Data collection graph Analysis. Topic : Phenomena of global poverty Prepare an album on the pastoralists in the modern world.
7	November	22	Geography : Chapter 4. Climate .Civics: Chapter 4. Working of the Institution	Factors influencing climate, monsoon its characteristics, rainfall, seasons and temperature distribution. Climate and human I How is country governed ? What does Parliament do in our democracy? What are roles of President, Prime Minister and Judiciary.	Collage making on monsoon 2023 in India Classification Game on Lok Sabha and Rajya Sabha
8	December	25	Revision- PT II Economics: Chapter 4 Food security In India Geography: Chapter 6. Population	All the chapters will be revised to understand the topics, Clearing the doubts related to Topics, Class test and Quiz will be taken Source of food grains: famines in the past, the need for self sufficiency- role of government in food security- procurement of food grains-over flowing of granaries and people without food – role of co- operatives in food security. Population change, literacy, health, occupational structure and national population policy; adolescents and problems.	Discussion on recent measures taken by the NDA govt. related to food security in India. Group discussion on Girl child to be protected under the slogan “Beti Bachao Beti Padhao”
9	January	17	Civics: Chapter 5. Democratic Rights	Democratic Rights	Activity: Poster making on fundamental rights
10	February	23	Revision Final examination	Solving Revision Worksheets sample and previous years Q. Papers	
12	March		Final examination		

Name of Teachers: Ms. Meenu Singh, Ms. Apal Patel & Ms. Priti Verma



TAPOVAN INTERNATIONAL SCHOOL
YEARLY SYLLABUS 2025-26

SUBJECT: HINDI

Class:IX

Sr. No.	Month	No. & Name of the Chapter / Lesson	Content / Sub Topics	Activities
1	April 22	<p>सेतु कोर्स (बीज कोर्स) स्वर और व्यंजन (वर्णमाला)</p> <p>‘कि’ और ‘की’ में अंतर, ‘र’ के विभिन्न रूप</p> <p>गद्य 1. दुःख का अधिकार</p> <p>पद्य 1. रैदास के पद</p> <p>व्याकरण - शब्द और पद</p> <p>लेखन - अनुच्छेद लेखन, अपठित गद्यांश</p>	<p>वर्णमाला की जानकारी देते हुए बच्चों को स्वर और व्यंजनों से ज्ञात करवाना और शुद्ध उच्चारण एवं शुद्ध वर्तनी में लिखने के लिए प्रेरित करना। ‘कि’ एवं ‘की’ में अंतर समझाकर उनका सही प्रयोग सिखाना। ‘र’ के विभिन्न रूपों की जानकारी देते हुए उनका सही प्रयोग सिखाना।</p> <p>प्रस्तुत व्यंग्यपूर्ण रचना द्वारा धनी लोगों की अमानवियता और गरीबों की मजबूरी को उजागर करना। रैदास के पदों द्वारा उनके आराध्य के साथ उनकी तुलना भगवान की अपार उदारता, कृपा और उनके समदर्शी स्वभाव का वर्णन करना।</p> <p>शब्द और पद की परिभाषा समझाना। शब्द व पद में अंतर बताते हुए अभ्यास करवाना। संकेत बिंदुपर आधारित दिए गए विषय पर अनुच्छेद लेखन का अभ्यास करना। गद्यांश पर आधारित प्रश्नों के उत्तर लिखवाना।</p>	<p>मूल्यांकन प्रश्नों द्वारा अभ्यास करवाना।</p> <p>कहानी को रोचक मोड़ पर रोककर आगे की कहानी अपनी कल्पना के आधार पर कहना। रैदास के पद पर आधारित प्रश्नोंत्तर करवाना।</p> <p>वाक्य में रेखांकित पद का भेद लिखवाना। दिए गए विषयों पर आधारित अनुच्छेद लेखन करवाना। अपठित गद्यांश का अभ्यास करवाना।</p>
2	June 23	<p>संचयन -1 गिल्लू</p> <p>गद्य 2. एवरेस्ट मेरी शिखर यात्रा</p> <p>पद्य 2. रहीम के दोहे</p>	<p>एक गिलहरी के बच्चे की चंचलता, क्रियाकलाप व उसकी मृत्यु तक के वर्णन का रेखाचित्र द्वारा जानकारी देना।</p> <p>बचेंद्री पाल का एवरेस्ट की चोटी पर पहुँचने का विविध घटनाओं द्वारा वर्णन करना।</p> <p>नितिपरक दोहों द्वारा मानव जीवन के लिए उपयोगी शिक्षाओं का विभिन्न दृष्टान्तों द्वारा वर्णन करना।</p>	<p>पाठ पर आधारित प्रश्नोंत्तर करवाना</p> <p>‘मन के हारे हार है, मन के जीते जीत’-अनुच्छेद-लेखन।</p> <p>दोहों का स्वस्वर गायन करवाना।</p>

		<p>व्याकरण -अनुस्वार, अनुनासिक</p> <p>व्याकरण -उपसर्ग, प्रत्यय</p> <p>व्याकरण -पत्र-लेखन(अनौपचारिक पत्र)</p>	<p>उच्चारण द्वारा अनुनासिक, अनुस्वार के प्रयोग व अंतर को समझाना।</p> <p>उपसर्ग-प्रत्यय के नियमों को समझाकर नए शब्दों का निर्माण करवाना।</p> <p>अनौपचारिक पत्र का प्रारूप समझाना एवं अभ्यास करवाना।</p>	<p>दिए गए शब्दों में अनुस्वार, अनुनासिक के उचित प्रयोग हेतु अभ्यास करवाना।</p> <p>शब्दों में प्रयुक्त उपसर्ग,प्रत्यय व मूलशब्द छोटकर लिखवाना।</p> <p>दिए गए विषय पर आधारित पत्र-लेखन करवाना।</p>
3	July 26	<p>संचयन - 2. स्मृति</p> <p>गद्य 3. तुम कब जाओगे अतिथि</p> <p>व्याकरण - स्वर संधि</p> <p>विराम - चिह्न</p>	<p>लेखक की बाल्यावस्था की एक घटना और बच्चों की सहज जिज्ञासा से संबंधित कठिन एवं जोखिमपूर्ण निर्णयों का सजीव चित्रण करना।</p> <p>भारतीय संस्कृति 'अतिथि देवो भव' का भाव जगाती है और हम भारतीय उस उक्ति को सार्थक करते हैं। परंतु अतिथि ज्यादा दिन रहें तो वह राक्षस भी प्रतीत हो सकता है, ऐसा व्यंग्य इस पाठ से समझाना।</p> <p>संधि की परिभाषा बताते हुए संधि के भेदों को बताना तथा सभी भेदों की परिभाषा और विविध उदाहरणों द्वारा स्वर संधि के भेदों का अभ्यास करवाना।</p> <p>विराम-चिह्न के प्रकार एवं उनके नियमों को समझाकर वाक्य में उचित जगह उनका प्रयोग करना सीखाना।</p>	<p>बचपन की किसी अविस्मरणीय घटना का वर्णन करवाना।</p> <p>परिचर्चा 'अतिथि देवो भव' भारतीय संस्कृति के नैतिक मूल्यों के बारे में पूछना।</p> <p>दिए गए संधि के उदाहरणों का अभ्यास करना।</p> <p>विविध वाक्यों द्वारा विराम-चिह्नों का अभ्यास करना।</p>
4	August 18	<p>पद्य. 3. गीत-अगीत</p> <p>व्याकरण - अर्थ की दृष्टि से वाक्य-भेद</p> <p>लेखन - संवाद-लेखन चित्रवर्णन</p>	<p>'गीत-अगीत' कविता के मुखर और मौन दोनों ही भाव कैसे सुंदर हैं। सच्चा प्रेम मुखरता में नहीं मौन भाव में होता है यह समझाना।</p> <p>वाक्य की परिभाषा बताते हुए अर्थ की दृष्टि से वाक्य के भेदों की जानकारी देकर उनका अभ्यास करवाना।</p> <p>दिए गए विषयों पर संवाद-लेखन करवाना।</p> <p>दिए गए चित्र का वर्णन करवाना।</p>	<p>गीत और अगीत में प्रयुक्त मौन और मुखर की सुंदरता के द्वारा प्रकृति की अनुभूति को समझना।</p> <p>अर्थ की दृष्टि से वाक्य-भेद का अभ्यास करना।</p> <p>संवाद-लेखन का अभ्यास करवाना।</p> <p>चित्र वर्णन का अभ्यास करवाना।</p>
5	September 25	<p>पुनरावर्तन</p> <p>पद्य. 4. वैज्ञानिक चेतना के वाहक- चंद्रशेखर वेंकट रामन्</p>	<p>मध्यावधि परीक्षा के लिए संबंधित विषयों का पुनरावर्तन कार्य करवाना।</p> <p>इस पाठ के द्वारा चंद्रशेखर वेंकट रामन् के जीवन संघर्ष के बारे में तथा उनकी उपलब्धियों के बारे में बताना।</p>	<p>मौखिक व लिखित अभ्यास करवाना।</p> <p>भारत में किन-किन वैज्ञानिकों को नोबल पुरस्कार मिला है उनकी जानकारी एकत्रित करना।</p>

6	October 12	<p>संचयन. 3. कल्लू कुम्हार की उनाकोटी</p> <p>व्याकरण - शब्द और पद</p> <p>लेखन - अनुच्छेद लेखन,</p>	<p>‘यात्रा वृत्तांत’ की जानकारी देते हुए त्रिपुरा की भौगोलिक स्थिति, संस्कृति, समाज, संगीत, वाद्य यंत्र, रीति-रिवाज और उद्योगों की जानकारी देना।</p> <p>शब्द और पद की परिभाषा समझाना। शब्द व पद में अंतर बताते हुए अभ्यास करवाना।</p> <p>संकेत बिंदुपर आधारित दिए गए विषय पर अनुच्छेद लेखन का अभ्यास करना।</p>	<p>भारत के ऐतिहासिक स्थलों की जानकारी देना।।</p> <p>वाक्य में रेखांकित पद का भेद लिखवाना।</p> <p>दिए गए विषयों पर आधारित अनुच्छेद लेखन करवाना।</p>
7	November 22	<p>गद्य. 5. शुक्रतारे के समान</p> <p>पद्य. 4. अग्निपथ</p> <p>पद्य. 5. नए इलाके में</p> <p>व्याकरण - अपठित गद्यांश</p> <p>व्याकरण - अनुस्वार, अनुनासिक</p> <p>उपसर्ग, प्रत्यय</p>	<p>‘शुक्रतारे के समान’ इस पाठ के द्वारा गांधीजी के निजी सचिव महादेव भाई देसाई की बेजोड़ प्रतिभा तथा उनकी व्यस्ततम दिनचर्या की जानकारी देते हुए जीवन में अनुशासन कितना जरूरी है यह समझाना।</p> <p>‘अग्निपथ’ कविता के द्वारा मनुष्य के जीवन पथ को अग्नि से भरा बताते हुए जीवन की कठिनाइयों से विचलित न होकर निडरता से उनका सामना करने की प्रवृत्ति का भाव छात्रों में जगाना।</p> <p>‘नए इलाके में’ कविता के माध्यम से कवि नित्य नए परिवर्तनों को अपनाने का संदेश दे रहा है। मज़दूरों के संघर्ष-मय जीवन की कहानी से बच्चों को ज्ञात करवाना।</p> <p>गद्यांश पर आधारित प्रश्नों के उत्तर लिखवाना।</p> <p>उच्चारण द्वारा अनुस्वार, अनुनासिक के प्रयोग व अंतर को समझाना।</p> <p>उपसर्ग-प्रत्यय के नियमों को समझाकर नए शब्दों का निर्माण</p>	<p>आप जहाँ छुट्टियाँ मनाते जाओगे वहाँ का प्रवास वर्णन लिखिए पाठ पर आधारित प्रश्नोत्तर लिखवाना।</p> <p>‘जीवन संघर्ष का नाम है’ इस विषय पर कक्षा में परिचर्चा का आयोजन करना।</p> <p>हिंदी महीनों के नाम क्रम से लिखिए।</p> <p>अपठित गद्यांश का अभ्यास करवाना।</p> <p>दिए गए शब्दों में अनुस्वार, अनुनासिक के उचित प्रयोग हेतु अभ्यास करवाना।</p> <p>शब्दों में प्रयुक्त उपसर्ग, प्रत्यय व मूलशब्द छोटकर लिखवाना।</p>
8	December 25	<p>पद्य. 5. खुशबू रचते हैं हाथ</p> <p>व्याकरण - स्वर संधि</p>	<p>‘खुशबू रचने वाले हाथ’ किन-किन परिस्थितियों में रहते हैं, और सबको खुशबू प्रदान करते हैं, इससे ज्ञात करवाना।</p> <p>संधि की परिभाषा बताते हुए संधि के भेदों को बताना तथा सभी भेदों की परिभाषा और विविध उदाहरणों द्वारा स्वर संधि के भेदों का अभ्यास करवाना।</p>	<p>पद्य पाठपर आधारित प्रश्नोत्तर लिखवाना।</p> <p>दिए गए संधि के उदाहरणों का अभ्यास करना।</p>

		<p>विराम-चिह्न</p> <p>व्याकरण - अर्थ की दृष्टि से वाक्य भेद</p>	<p>विराम-चिह्न के प्रकार एवं उनके नियमों को समझाकर वाक्य में उचित जगह उनका प्रयोग करना सीखाना।</p> <p>अर्थ की दृष्टि से वाक्य के भेद बताकर उनका अभ्यास करवाना। किसी भी गतिविधि द्वारा मौखिक मूल्यांकन करना।</p>	<p>विविध वाक्यों द्वारा विराम-चिह्नों का अभ्यास करना।</p> <p>अर्थ की दृष्टि से वाक्य के भेद का अभ्यास करवाना किसी भी विषय पर आधारित मौखिक प्रस्तुतीकरण।</p>
9	January 17	<p>संचयन 4. मेरा छोटा-सा निजी पुस्तकालय</p> <p>लेखन -पत्र-लेखन (अनौपचारिक पत्र) संवाद-लेखन चित्रवर्णन</p>	<p>प्रस्तुत पाठ के माध्यम से छात्रों में पुस्तकों के प्रति प्रेम और लगाव का भाव निर्माण की प्रेरणा देना। पुस्तकें हमारी मित्र होती हैं इससे हमें ज्ञान प्राप्ति होती है यह बताते हुए पुस्तक पढ़ने की प्रेरणा देना।</p> <p>अनौपचारिक पत्र का प्रारूप समझाना एवं अभ्यास करवाना। दिए गए विषयों पर संवाद-लेखन करवाना। दिए गए चित्र का वर्णन करवाना।</p>	<p>अपने घर के आस-पास या विद्यालय के वाचनालय में जाकर पुस्तकें पढ़ना।</p> <p>दिए गए विषय पर आधारित पत्र-लेखन करवाना। संवाद-लेखन का अभ्यास करवाना। चित्र वर्णन का अभ्यास करवाना।</p>
10	February 23	<p>पुनरावर्तन</p>	<p>पूर्व पठित पाठों, व्याकरणिक इकाईयों व रचनात्मक लेखन के विषयों का पुनरावर्तन।</p> <p>अंतिम परीक्षा के लिए संबंधित विषयों का पुनरावर्तन कार्य करवाना।</p>	<p>मौखिक व लिखित अभ्यास करवाना।</p>

Name of the Teacher : Pranita Gandh Bhanu Sharma



TAPOVAN INTERNATIONAL SCHOOL

YEARLY SYLLABUS 2025-26

SUBJECT: Artificial Intelligence (417)

Class- IX

Sr. No	Month	Days	No. & Name of the Chapter / Lesson	Content / Sub Topics	Experiments / Activities
1	April	22	Unit 1: Communication skill-1	<ul style="list-style-type: none"> ✓ Importance and different method of communication. ✓ Communication Cycle, effective communication and importance of feedback. ✓ Familiar with different part of speech and usage in paragraph and sentences. 	Make a presentation on the 7 C's topic.
2	June	23	(Specific Skills) Unit 1: AI Reflection, Project Cycle and Ethics	<ul style="list-style-type: none"> ✓ Possibilities ✓ Preferred Skills to get a Job in the Field of AI ✓ Career Opportunities in AI ✓ AI Ethics, Need of AI Ethics ✓ Ethical Issues with AI ✓ Advantages and Disadvantages of AI ✓ AI Project Cycle-Defined ✓ AI Project Cycle ✓ Problem Scoping and Setting Goals ✓ Data Acquisition, Data Exploration ✓ Modelling ✓ AI Project Evaluation AI Project Deployment	Create a project proposal including what is problem and outline of solution using project cycle.
3	July	26	(Specific Skills) Unit 4: Generative AI	<ul style="list-style-type: none"> ✓ defining Generative AI and different models ✓ Applying Generative AI tools to create content. ✓ Ethical considerations and potential social impact. ✓ How mathematical concepts, statistics and probability help in developing AI applications. 	Use the any 5 prompts in Chatgpt, Gemini and compare the results.
4	August	18	Unit 3: ICT Skill -1	<ul style="list-style-type: none"> ✓ Components of a Computer System ✓ Basic Computer Skills 	Parts identification activity Email creating activity.

5	September	25	(Specific Skills) Unit 3 : Mathematics for AI	<ul style="list-style-type: none"> ✓ Analyse the data in the form of numbers/images and find the relation/pattern between them using AI ✓ Importance of Mathematical concepts for understanding AI ✓ What is Statistics, understanding in cricket way ✓ What is Frequency and use of concept in Sports ✓ What is Probability? How it is useful? Why do we use Probability? ✓ Calculating Probability? ✓ Use of Mathematics and Statistics in AI 	Creating various AI projects with the help of Mathematical functions and Statistical formulas.
6	October	12	(Specific Skills) Unit 5: Introduction to Python	<ul style="list-style-type: none"> ✓ Introduction to Programming ✓ introduction to Python ✓ Features of Python ✓ Getting Started with Python Working in Python ✓ Python Character Set ✓ Python Statements ✓ Python Comments ✓ Identifiers and Keywords ✓ Variables ✓ Constants Data Types ✓ Operators ✓ Input and Output in Python ✓ Type Conversion ✓ Sample programs 	Programs based on Variables and Data types.
7	November	22	Continue of Introduction to Python	<ul style="list-style-type: none"> ✓ Control Statements ✓ Introduction to List ✓ Sample programs ✓ Introduction to AI ✓ Brief History of AI ✓ AI Around Us ✓ Smart Homes ✓ Domains of AI ✓ Excite, Relate, Purpose ✓ Sustainable Development Goals ✓ Sustainable World with SDGs and AI ✓ Data Exploration ✓ Modelling ✓ AI Project Evaluation ✓ AI Project Deployment 	Python Programs based On control statements

8	December	25	(Continue of Python) Unit 5 : Green Skills-1	<ul style="list-style-type: none"> ✓ Importance of Natural Environment ✓ Relation between Society and Environment. ✓ Save Environment using 4 R and 1 U ✓ Role of Government and citizens for Green Economy. 	Make a project on Ecosystem using AI in form of chart or digital medium.
9	January	17	(Specific Skills) Unit 2: Data Literacy	<ul style="list-style-type: none"> ✓ What is difference between Data and Information? ✓ DIKW Model, importance of data literacy ✓ What is Data Security and Privacy? Why are they important? ✓ What is cybercrime? How it can be prevented by us? ✓ What are initiatives of Indian Government for the same? ✓ DDPA and its Benefits ✓ Data interpretation ✓ Data presentation using Tableau 	Use Tableau Public and make a Dashboard.
10	February + March	23 + 10	Revision		

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