



TAPOVAN INTERNATIONAL SCHOOL
YEARLY SYLLABUS 2025-26

SUBJECT: ENGLISH LANGUAGE & LITERATURE (Code: 184)

Class: X

Sr.No.	Month	No. of Working Days	No. & Name of the Chapter / Lesson	Content / Sub Topics	Activities
1.	April	22	<u>Literature Reader : First Flight</u> <u>Prose :</u> 1. A Letter to God 2. Nelson Mandela <u>Poetry :</u> 1. Dust of Snow 2. Fire and Ice <u>Supplementary Reader : Footprints without Feet</u> 1. A Triumph of Surgery <u>Grammar:</u> Tenses <u>Writing Skills :</u> Diary Entry Words and Expression Workbook: Reading Comprehension Skills:	1. To enhance vocabulary by learning the meanings and usages of the phrases given in the text. 2. Learning of usage of Negatives for Emphasis (Pg.10) and Idiomatic Expressions (Pg. 26). 3. Understanding of grammatical aspects and writing skill formats under various topic heads. 4. Students will develop Reading Comprehension Skills by Extensive reading practice of text books. 5. Students will solve Reading Comprehension passage for enhancing cognitive skills.	Making A Web-Chart of Character Traits of main characters studied in the texts. Write the summary of the poems. Write a Diary Entry on a given topic. <i>Students will solve Work Sheets/Resource Sheets on Reading Passages and grammar topics in integrated form.</i> Students will solve Reading Comprehension Passage Text I Pg. 17
2.	June	23	<u>Literature Reader : First Flight</u> <u>Prose :</u> 3. Two Stories about Flying <u>Poetry :</u> 3. A Tiger in the Zoo 4. How to Tell Wild Animals <u>Supplementary Reader : Footprints without Feet</u> 2. The Thief's Story 3. The Midnight Visitor <u>Grammar:</u> Modals <u>Writing Skills :</u> Formal Letter – Enquiry Words and Expression Workbook: Reading Comprehension Skills:	1. Students will develop Speaking and Listening Skills with textual exercises and frequent classroom interactive methods and techniques. 2. Students will learn about Phrasal Verbs Pg. 38 3. Appreciation of writing skills of the poet along with understanding of rhyming patterns, use of literary/poetic devices- Figures of Speech. 4. Learning the letter writing skills with formal vocabulary, presentation, necessary details.	Reading poem to identify the Figures of Speech.(Poetic Devices) <i>Students will solve Work Sheets/Resource Sheets on Reading Passages and grammar topics and Figures of Speech.</i> Solving Error Finding exercise Pg. 25 of Workbook. Students will solve Reading Comprehension passage pg. 31

3.	July	26	<u>Literature Reader : First Flight</u> <u>Prose</u> : 4. From the Diary of Anne Frank <u>Poetry</u> : 5. The Ball Poem 6. Amanda <u>Supplementary Reader : Footprints without Feet</u> 4. A Question of Trust <u>Grammar:</u> Determiners <u>Writing Skills :</u> Formal Letter - Placing Order, Complaint Words and Expression Workbook: Reading Comprehension Skills:	1. Understanding of situation in which diary was written by Anne Frank and the famous episode of her classroom experience. 2. Students will analyze various characters and express with relevant describing words. 3. Students will refer to resource sheet on various determiners and rules for their usage. 4. Students will learn format and vocabulary to write letters on various given topics.	Conduct of <u>Subject Enrichment Activity.</u> <i>Students will solve Work Sheets/Resource Sheets on Reading Passages and grammar topics.</i> Students will write formal letters on various situations. Students will solve Reading Comprehension passage pg. 45
4.	Aug	18	<u>Literature Reader : First Flight</u> <u>Prose</u> : 5. Glimpses of India <u>Poetry</u> : 7. The Trees 8. Fog <u>Supplementary Reader : Footprints without Feet</u> 5. Footprints without Feet <u>Grammar:</u> Reported Speech-Statements, Questions <u>Writing Skills :</u> Analytical Paragraph Writing Words and Expression Workbook: Reading Comprehension Skills:	1. Students will learn about place through Art-Integrated Project and describe other towns, such as preparing travel brochure. 2. Students will learn writing into Reported speech. The necessary rules will be thoroughly discussed. 3. Students will learn key elements of Analytical Paragraph writing based on given graphs, statistical data, pie-charts etc. Students will refer to Resource sheets with solved examples.	Role play of various characters in the literature. Conduct of : Multiple Assessment Task <i>Students will solve Work Sheets/Resource Sheets on Reading Passages and grammar topics.</i> Students will solve Reading Comprehension passage pg. 84
5.	Sept	25	<u>Literature Reader : First Flight</u> <u>Prose</u> : 6. Mijbil the Otter 7. Madam Rides the Bus <u>Poetry</u> : 9. The Tale of Custard the Dragon <u>Revision for Mid-Term Exam :</u>	1. Students will appreciate the Ballad poem after understanding it. Students will enjoy the humorous ballad in form of parody. 2. Students will practice various writing skill topics with appropriate format and necessary formal language required. 3. Revision of all chapters and topics for Mid-Term Exam.	Students will learn Character Traits discussed in the class. Extensive reading practice to enhance Reading and Comprehension skills. Various characters and themes will be analysed through Group Discussions. Solving all exercises.

6.	Oct	12	Literature Reader : First Flight <u>Prose :</u> 8. The Sermon at Benares Supplementary Reader : Footprints without Feet 6. The Making of a Scientist 7. The Necklace Grammar: Subject-Verb Agreement Writing Skills : Formal Letter - to The Editor Words and Expression Workbook: Reading Comprehension Skills:	1. The key words and their usage will be understood and referred to while solving the exercises. 2. Students will thoroughly read Supplementary Reader for comprehension and developing cognitive skills. 3. Students will learn usage of verbs according to the subject in the sentences. The various rules will be discussed.	Solve questions on Diary Entry, Story Writing, Letter Writing with profound vocabulary. Screening of relevant audios/videos for further understanding. Conduct of <u>Subject Enrichment Activity.</u> Students will solve Reading Comprehension passage pg. 101
7.	Nov	22	Literature Reader : First Flight <u>Prose :</u> 9. The Proposal (Drama) <u>Poetry :</u> 10. For Anne Gregory Supplementary Reader : Footprints without Feet 8. Bholi 9. The Book that Saved the Earth (Drama) Grammar: Reported Speech-Imperative: Command, Request Words and Expression Workbook: Reading Comprehension Skills:	1. Learning of exquisite vocabulary, striking expressions, outstanding plotting of the story, climax and the value based inferences drawn in its historical perspective in the drama. 2. Students will admire Script Writing (Dialogue Writing) and how expressions are used in the drama. 3. Students will refer to examples on reported speech.	Conduct of Debate for exchange of ideas. Students will solve <u>value based questions</u> in literature requiring their imagination and interpretation, also requiring writing skill knowledge like dialogue writing, diary entry etc. Students will solve Reading Comprehension passage pg. 120
8.	Dec	25	Words and Expression Workbook: Reading Comprehension Skills: Revision for Pre-Board-1 Exams :	Students will solve Reported Exercise pg.142 of Workbook. Revision of Literature Reader and Supplementary Reader, Grammar and Writing Skills.	Students will solve Reading Comprehension passage pg.137 Conduct of : Multiple Assessment Task <i>Solving of Worksheet</i>
9.	Jan	17	Revision for Pre-Board-2 Exams :	Revision of all exercises from Literature, Grammar and Writing Skills.	Students will solve Previous Year/ Sample Papers.
10.	Feb	23	Revision for CBSE Board Exams Conducted in Feb- March:	Revision of all exercises from Literature, Grammar and Writing Skills.	Students will solve Previous Year/ Sample Papers.
11.	Mar	10	Revision for CBSE Board Exams Conducted in Feb- March:	Revision of all exercises for Board Exams.	Students will solve Previous Year/ Sample Papers.

Name of the Teacher : Ms. Sunita Sharma

Ms. Malav Trivedi



TAPOVAN INTERNATIONAL SCHOOL
YEARLY SYLLABUS 2025-26

SUBJECT: MATHEMATICS (041/241)

Class: X

Sr. No.	Month	No. of Working Days	No. & Name of the Chapter / Lesson	Content / Sub Topics	Activities
1	April	22	1- Real numbers 2- Polynomials 14- Probability	Fundamental Theorem of Arithmetic - statements after reviewing work done earlier and after illustrating and motivating through examples, Proofs of irrationality numbers Zeros of a polynomial. Relationship between zeros and coefficients of quadratic polynomials. Classical definition of probability. Simple problems on finding the probability of an event.	CBQ'S , MCQ'S Mindmap of chapters. To find the no of zeros and form quadratic equations of different graphs.
2.	June	23	4-Quadratic Equations 3 – Linear equations in two variables 5- Arithmetic Progression	Standard form of a quadratic equation $ax^2 + bx + c = 0$, ($a \neq 0$). Solutions of quadratic equations (only real roots) by factorization, and by using quadratic formula. Relationship between discriminant and nature of roots. Situational problems based on quadratic equations related to day to day activities to be incorporated Pair of linear equations in two variables and graphical method of their solution, consistency/inconsistency. Algebraic conditions for number of solutions. Solution of a pair of linear equations in two variables algebraically - by substitution, by elimination. Simple situational problems. Motivation for studying Arithmetic Progression Derivation of the nth term and sum of the first n terms of A.P. and their application in solving daily life problems.	CBQ'S , MCQ'S Mindmap of chapters To find out whether the given pair of equation is consistency/ inconsistency.

3.	July	26	7-Co-ordinate geometry 6-Triangles	Concepts of coordinate geometry, graphs of linear equations. Distance formula. Section formula (internal division). Definitions, examples, counter examples of similar triangles. 1. (Prove) If a line is drawn parallel to one side of a triangle to intersect the other two sides in distinct points, the other two sides are divided in the same ratio. 2. (Motivate) If a line divides two sides of a triangle in the same ratio, the line is parallel to the third side. 3. (Motivate) If in two triangles, the corresponding angles are equal, their corresponding sides are proportional and the triangles are similar. 4. (Motivate) If the corresponding sides of two triangles are proportional, their corresponding angles are equal and the two triangles are similar. 5. (Motivate) If one angle of a triangle is equal to one angle of another triangle and the sides including these angles are proportional, the two triangles are similar.	CBQ'S , MCQ'S Mindmap of chapters
4.	August	18	8- Introduction to Trigonometry	Trigonometric ratios of an acute angle of a right-angled triangle. Proof of their existence (well defined); motivate the ratios whichever are defined at 0° and 90°. Values of the trigonometric ratios of 30°, 45° and 60°. Relationships between the ratios. Proof and applications of the identity $\sin^2 A + \cos^2 A = 1$. Only simple identities to be given	CBQ'S , MCQ'S Mindmap of chapters Trigonometry identities will be written.
5.	September	25	9-Application Of Trigonometry REVISION FOR MIDTERM	Simple problems on heights and distances. Problems should not involve more than two right triangles. Angles of elevation / depression should be only 30°, 45°, and 60°.	CBQ'S , MCQ'S Mindmap of chapters

6.	October	12	10- Circle 11- Areas Related to Circles	Tangent to a circle at, point of contact 1. (Prove) The tangent at any point of a circle is perpendicular to the radius through the point of contact. 2. (Prove) The lengths of tangents drawn from an external point to a circle are equal Area of sectors and segments of a circle. Problems based on areas and perimeter /circumference of the above said plane figures. (In calculating area of segment of a circle, problems should be restricted to central angle of 60°, 90° and 120° only.	Tangents from external point. CBQ'S , MCQ'S Mindmap of chapters Tangents from external point.
7.	November	22	12- Surface Area and Volume 13-Statistics	Surface areas and volumes of combinations of any two of the following: cubes, cuboids, spheres, hemispheres and right circular cylinders/cones. Mean, median and mode of grouped data (bimodal situation to be avoided).	CBQ'S , MCQ'S Mindmap of chapters
8.	December	25	REVISION FOR PRE- BOARD EXAM		Practice of Sample papers and PYQ
9.	January-February	17+23	REVISION FOR BOARD EXAM		Practice of Previous Year Board papers.

Name of the Teacher : Mrs. Survinder Kaur , Mr. Satish Sharma , Mr. Sunil Israni



TAPOVAN INTERNATIONAL SCHOOL
YEARLY SYLLABUS 2025-26

SUBJECT: PHYSICS

Class: X

Sr. No.	Month	No. of working days	No. & Name of the Chapter	Content / Sub Topics	Activities
1	April	22	10. Light – Reflection and Refraction	• Introduction • Reflection of light • Spherical Mirrors • Image formed by spherical mirrors • Mirror formula • Refraction of light • Refraction through rectangular glass slab	• Finding the focal length of concave mirror • CBQ and Numericals • A and R
2	June	23	10. Light – Reflection and Refraction 11. The Human eye and the Colourful world	• Refractive index • Refraction through spherical lenses • Image formed by spherical lenses • Lens formula • Power of lens • Human eye • Power of accommodation • Defect in vision • Refraction through glass Prism	CBQ and MCQ Refraction through rectangular glass slab Explanation of 3D human eye through smart board.
3	July	26	11. The Human eye and the Colourful world	• Refraction through glass Prism • Dispersion of white light • Atmospheric refraction • Scattering of light • Refraction through glass Prism • Dispersion of white light • Atmospheric refraction Revision for PT- I	• Refraction through glass Prism • Dispersion of white light • Mind map of Refraction and Reflection • CBQ and MCQ

4	August	18	12. Electricity	• Electric Charge • Ele. Current Circuit • Ele. Potential and P.D. • Ohm's Law • Resistance and Factor • System of resistors	• Verification of Ohm's law • CBQ and MCQ • A and R type Questions
5	September	25	12. Electricity	• Parallel combination • Series combination • Heating effect of ele.current • Application of heating effect of ele. Current • Ele. Power • Revision for Mid Term Exam	• Parallel connection and series connection of resistors • Numerical
6	October	12	13. Magnetic effect of ele. current	• Magnetic field and field lines • Magnetic field by straight conductor • Right hand thumb rule • Magnetic field by circular loop • Solenoid • Fleming's left hand rule	• Verification of Magnetic field by electric current • Ele. Motor (D.C.) • CBQ and MCQ
7	November	22	13. Magnetic effect of ele. current	• Electric Motor • Fleming's right hand rule • Electric generator • Electromagnetic induction • Domestic electric circuit	• Domestic ele. Circuit diagram on chart. • A and R type questions.
8	December	25		REVISION	
9	January	17		REVISION (PREBOARD)	
10	February	23		REVISION	

Teacher: Mr. Sonu Chawalani , Ms. Vrushti Shah



TAPOVAN INTERNATIONAL SCHOOL
YEARLY SYLLABUS 2025-26

SUBJECT: SCIENCE (BIOLOGY)

CLASS: X

Sr.No .	Month	No. of Working Days	No. & Name of the Chapter / Lesson	Content / Sub Topics	Experiments / Activities
1	April	22	5.Life processes	What are the life processes? Nutrition: How do organisms obtain their nutrition? Autotrophic mode of nutrition: Structure of chloroplast, Photosynthesis, Light reaction and Dark reaction. Heterotrophic mode of nutrition: Parasitic mode of nutrition, saprophytic mode of nutrition and Holozoic mode of nutrition. Nutrition in humans: Human digestive system Digestion of food Dental caries	To show experimentally that light is necessary for photosynthesis To show experimentally that CO_2 is given out during respiration by use of KOH solution
2	June	23	5.Life processes	Respiration: Respiratory organs, kinds of respiration, mechanism of respiration ATP- Energy currency of the cell. Mechanism of breathing, exchange of gases between Alveolar air and lung capillaries or pulmonary exchange of gases, transport of gases in blood, Release of gases at the tissues and at the lung level. Transportation in human beings The heart: structure and function Double circulation The tubes: Arteries, Vessels, lymph	To observe the permanent slide of stomata To prepare a temporary mount of a leaf peel to show stomata To show experimentally that CO_2 is given out during respiration by use of lime water

3	July	26	5.Life processes	Transportation in plants Transport of water and food Excretion in human beings Excretion in plant	Activity based on Working of human heart Worksheets (CBQ, NCERT EXEMPLAR, PBYQ)/Resource sheets/Power Point Presentation
5	August	18	6. Control and Coordination	Animal nervous system, reflex action Human brain; Structure and function of all parts Coordination in plants Immediate response to stimulus: stomatal movement, Movement due to growth Phototropism, Hydrotropism Thigmotropism and Geotropism Nastic movements, Endocrine glands Testes and Ovary	Activity based on Reflex action. Activity based on phototropism, hydrotropism, geotropism and nastic movements. To study binary fission in Amoeba with the help of prepared slide. Research Paper
6	September	25	7. How do organisms Reproduce?	Do organisms create exact copies of themselves? The importance of variation Modes of reproduction: Fission, Fragmentation, Regeneration, Budding, Vegetative Propagation and Spore formation.	To study budding in yeast and Hydra with the help of prepared slides. To identify the different parts of an embryo of a dicot seed (Pea, gram or red kidney bean).
7	October	12	7. How do organisms Reproduce?	Vegetative Propagation, its advantages and disadvantages. Sexual reproduction in plants: Pollination, types of pollination, double fertilization in flowering plants, Seed and embryo structure.	Worksheets (CBQ, NCERT EXEMPLAR, PBYQ)/Resource sheets/Power Point Presentation Research Paper
8	November	22	7. How do organisms Reproduce?	Reproduction in human beings: Male Reproductive System, Female Reproductive System. Reproductive	Worksheets (CBQ, NCERT EXEMPLAR, PBYQ)/Resource sheets/Power Point Presentation.

			8.Heredity Health-need and methods of family planning. Safe sex vs HIV/AIDS. Child bearing and women's health. Accumulation of variation during reproduction Heredity: Inherited Traits, Rules for the inheritance of Traits-Mendel's Contributions How do these traits get expressed? Monohybrid and Dihybrid cross. Sex Determination.	Research Paper Activity based on pollination and its types. Pedigree Analysis activity to show inheritance of genetic disorders. Research paper Worksheets (CBQ, NCERT EXEMPLAR, PBYQ)/Resource sheets/Power Point Presentation
			13.Our Environment Ecosystem and its components, Environmental problems, Ozone depletion, waste production and their solutions. Biodegradable and non-biodegradable substances.	
9	December	25	Revision (previous board exams question papers, sample papers, worksheets)	
10	January	17		
11	February	23		

Name of the Teacher: Ms. Punam Rathore



TAPOVAN INTERNATIONAL SCHOOL
YEARLY SYLLABUS 2025-26

SUBJECT: CHEMISTRY

Class: X

Sr. No.	Month	working days	No. & Name of the Chapter	Content / Sub Topics	Activities
1	April	22	1. Chemical reactions and equations	• Writing a chemical equation • Balancing a chemical equation • Types of chemical reactions • Corrosion and Rancidity	To study types of reactions and to classify the reactions as i) combinations ii) Decomposition reaction etc Worksheet (CBQs, NCERT exemplar, Sample questions)
2	June	23	2. Acids bases and salts	• Chemical properties of acids and bases • What do all acids and bases have in common? • Important of pH in everyday life • More about salts, pH of salts • Importance of pH in everyday life.	To study the properties of acids and bases by their reactions Worksheet (CBQs, NCERT exemplar, Sample questions)
3	July	26	2. Acids bases and salts Revision for PT -1 exam	• Chemicals from common salt • Chlor alkali process • Bleaching powder • Baking soda, Washing soda • Water of crystallization & Plaster of paris	To find the pH of following samples by using pH paper/universal indicator. i) Dil HCl ii) Dil NaOH iii) Dil CH ₃ COOH etc.
4	August	18	3. Metals and non-metals	• Physical properties of metals and non-metals • Chemical properties of metals • Double displacement reaction • The reactivity series • How do metals and nonmetals react? • Properties of ionic compounds	To study chemical reactions of metals and non-metals Worksheet (CBQs, NCERT exemplar, Sample questions)

5	September	25	3. Metals and non-metals Revision for mid-term exam	• Occurrence of metals • Extraction of metals • Refining of metals • Corrosion • Prevention of corrosion	To observe the action of Zn,Fe,Cu,Al on various metal salt solutions
6	October	12	4. Carbon and its compounds	• Bonding in carbon • Lewis dot structure • Versatile nature of carbon • Saturated and unsaturated carbon compounds • Chains branches and rings	To study the properties of acetic acid and ethanol for the following: i) Odour ii) Solubility in water iii) Effect on litmus iv) Reaction with NaHCO_3
7	November	22	4. Carbon and its compounds	• Homologous series • Nomenclature of carbon compounds • Combustion • Oxidation • Addition reaction • Substitution • Some important compounds of carbon • Soaps and detergents	To study cleaning capacity of a sample of soap in soft and hard water through scum formation Worksheet (CBQs, NCERT exemplar, Sample questions)
8	December	25	Revision for PT -2 exam Revision for Pre-Board 1	REVISION, Practice of Sample question paper, Previous years Question Paper, Practical based)	
9	January	17	Revision for Pre-Board 2	REVISION, Practice of Sample question paper, Previous years Question Paper, Practical based)	
10	February	23	Board Exam	REVISION, Practice of Sample question paper, Previous years Question Paper, Practical based)	
11	March	10	Board Exam		

Teacher: Mr. Deven Pattel



TAPOVAN INTERNATIONAL SCHOOL
YEARLY SYLLABUS 2025-26

SUBJECT: HINDI

Class: X

Sr.No.	Month	No. & Name of the Chapter / Lesson	Content / Sub Topics	Activities
1.	APRIL(22)	सेतु कोर्स (ब्रीज कोर्स) व्या संज्ञा, सर्वनाम, क्रिया, विशेषण, अव्यय, कारक गद्य १ बड़े भाई साहब पद्य १. साखी (कबीर) व्या पदबंध लेखन अनुच्छेद लेखन अपठित गद्यांश	व्याकरणिक बिन्दुओं की परिभाषा व भेदों की उदाहरण सहित जानकारी देकर उनके बीच के अंतर को समझाना। वाक्यों को बोलने में दक्षता हासिल करने के लिए प्रेरित करना। लेखक परिचय, पात्र परिचय व विभिन्न प्रसंगों द्वारा पाठ का सार समझाना। कबीरजी द्वारा रचित साखियों व उसमें निहित शिक्षाओं का रोचकपूर्ण प्रस्तुतीकरण। पदबंध की परिभाषा व उसके भेदों की परिभाषा विभिन्न उदाहरणों द्वारा स्पष्ट करना। सांकेतिक बिन्दुओं पर आधारित विभिन्न विषयों पर अनुच्छेद लेखन करवाना। दिए गए गद्यांश को पढ़कर प्रश्नों के उत्तर लिखना।	मूल्यांकन प्रश्नों द्वारा अभ्यास कार्य करवाना। घर के बड़े सदस्यों से मिली शिक्षाओं पर अनुच्छेद लेखन। दोहा-गायन व सार प्रस्तुतीकरण। प्रत्येक पदबंध के तीन-तीन उदाहरण लिखवाना व वाक्य में रेखांकित पद का भेद लिखवाना। व्यवहारिक जीवन से जुड़े विषयों पर लेखन कार्य करवाना। संबंधित अभ्यास पुस्तिका देकर अभ्यास करवाना।
2.	JUNE (23)	गद्य २ डायरी का एक पन्ना संचयन १ हरिहर काका पद्य २ पद (मीरा) व्या रचना के आधार पर वाक्य रूपांतर समास लेखन पत्र लेखन	२६ जनवरी, १९३१ को कलकत्ता में मनाए गए स्वतंत्रता दिवस का विभिन्न घटनाओं द्वारा प्रस्तुतीकरण। ग्रामीण पारिवारिक जीवन तथा हमारी आस्था के प्रतीक धर्म स्थलों में अपने पाँव फैला रही स्वार्थ प्रवृत्ति को इस कथा द्वारा उजागर करना। प्रसिद्ध कवयित्री मीराबाई द्वारा श्रीकृष्ण के प्रति प्रकट की गई भक्ति व आस्था का पदों द्वारा प्रभावपूर्ण प्रस्तुतीकरण। सरल, संयुक्त व मिश्र वाक्य की परिभाषा व उदाहरणों द्वारा अंतर स्पष्ट करना। परिभाषा, विभिन्न भेदों की जानकारी व उनके अंतर को उदाहरणों द्वारा स्पष्ट करना औपचारिक पत्र के प्रारूप से अवगत कराना व विषय से संबंधित पत्र लेखन करवाना।	स्वतंत्रता आंदोलन की चर्चा करना। 'अच्छे व्यवहार का जीवन में महत्व'-अनुच्छेद लेखन। पदों का गायन व सार प्रस्तुतीकरण। वाक्य रूपांतरण करवाना। समस्त पद व समास-विग्रह से संबंधित कार्य करवाना। रचनात्मक लेखन का अभ्यास करवाना।

3.	JULY (26)	गद्य ३ ततार्रा वामीरो कथा ४. तीसरी कसम के शिल्पकार शैलेंद्र पद्य ३ मनुष्यता व्या. महावरे लेखन सूचना लेखन	अंडमान निकोबार द्वीपसमूह से संबंधित लोककथा का रोचकपूर्ण प्रस्तुतीकरण। प्रस्तुत पाठ के माध्यम से शैलेंद्र के व्यक्तित्व व उनकी भूमिका पर प्रकाश डालना। कविता के माध्यम से मानवता, प्रेम, एकता, दया, परोपकार, उदारता का संदेश देकर मनुष्य को परोपकारी जीवन जीने की प्रेरणा देना। मुहावरों का अर्थ समझाकर वाक्य में प्रयोग करवाना। प्रारूप समझाकर दिए गए विषय पर सूचना लेखन द्वारा अभिव्यक्ति क्षमता का विकास करना।	समाज में फैले अंधविश्वास व रुढ़िवादिता पर संवाद लेखन। अपने क्षेत्र के प्रचलित दो-तीन लोकगीतों को एकत्रित कर लिखवाना। कविता से संबंधित पौराणिक प्रसंगों का प्रस्तुतीकरण। वाक्य निर्माण व रिक्त स्थानों की पूर्ति करवाना। दिए गए विषय पर सूचना लेखन का अभ्यास करवाना।
4.	AUGUST (18)	पद्य ४ पर्वत प्रदेश में पावस संचयन २ सपनों के से दिन लेखन विज्ञापन लेखन ई-मेल लेखन	पर्वतीय प्रदेश में वर्षा के दृश्य व उसके प्रभाव, प्रकृति में आने वाले परिवर्तन व विभिन्न उपादानों से अवगत कराना। इस आत्मकथा द्वारा लेखक के बचपन के दिन, उस समय के खेल, माँ-बाप के व्यवहार व स्कूली जीवन के अनुभवों का प्रस्तुतीकरण करना। विज्ञापन लेखन में प्रयुक्त होनेवाले विशेष बिंदुओं से अवगत कराकर अभ्यास करवाना। अर्थ, प्रारूप, प्रकार व प्रक्रिया की जानकारी देना।	घटना वर्णन- जब अचानक मुझे गाँव जाने का मौका मिला। ऐसी घटना जिसने जीवन की दिशा बदल दी-अनुच्छेद लेखन। विभिन्न उत्पादों के लिए आकर्षक विज्ञापनों का निर्माण करवाना। विविध विषयों पर आधारित ई-मेल लेखन का अभ्यास करवाना।
5.	SEPTEMBER (25)	गद्य ५ अब कहाँ दूसरे के दुख से दुखी होने वाले पद्य ५ तोप लेखन लघुकथा लेखन विषय संवर्धन गतिविधि पुनरावर्तन	इस पाठ द्वारा प्रकृति के स्वरूप में मानव द्वारा किए गए हस्तक्षेप, मानव के पूर्व व वर्तमान स्वरूप में आनेवाले अंतर को समझाना। सन १८५७ के स्वतंत्रता संग्राम में प्रयुक्त एक तोप की कहानी से अवगत कराना। लघुकथा लेखन के नियम समझाना। किसी भी गतिविधि द्वारा मौखिक मूल्यांकन करना। पूर्व पठित पाठों, व्याकरणिक इकाईयों व रचनात्मक लेखन के विषयों का पुनरावर्तन।	क्या मनुष्य ही प्राकृतिक आपदाओं के लिए जिम्मेदार है?-विचार प्रस्तुतीकरण। 'तोप' कविता का गद्य में रूपांतरण। दिए गए प्रस्थान बिंदु के आधार पर लघुकथा लेखन करवाना। किसी भी विषय पर आधारित मौखिक प्रस्तुतीकरण। मौखिक व लिखित अभ्यास करवाना।
6.	OCTOBER (12)	गद्य ६ पतझर में टूटी पत्तियाँ	आदर्शवाद व व्यवहारवाद को विभिन्न प्रसंगों द्वारा समझाकर तनाव रहित जीवन जीने की प्रेरणा देना।	समाज के कुछ आदर्शवादी लोगों के आदर्श प्रस्तुत करना।

		पद्य ६ कर चले हम फिदा संचयन ३ टोपी शुक्ला व्या पदबंध रचना के आधार पर वाक्य रूपांतर लेखन अनुच्छेद लेखन	युद्ध की पृष्ठभूमि पर आधारित फिल्म 'हकीकत' के लिए लिखी गई है जिसमें कवि ने युद्ध में लड़ रहे सैनिकों की मनोदशा का चित्रण किया है। कहानी में हिंदु परिवार व मुस्लिम परिवार से संबंध रखने वाले दो बच्चों को कहानी का आधार बनाकर मित्रता व सांप्रदायिक भावना को उजागर किया है। पदबंध की परिभाषा व उसके भेदों की परिभाषा विभिन्न उदाहरणों द्वारा स्पष्ट करना। सरल, संयुक्त व मिश्र वाक्य की परिभाषा व उदाहरणों द्वारा अंतर स्पष्ट करना। सांकेतिक बिन्दुओं पर आधारित विभिन्न विषयों पर अनुच्छेद लेखन करवाना।	गीत का सस्वर वाचन करना व सार प्रस्तुतीकरण। मनुष्य जन्म से नहीं, कर्म से महान बनता है-चर्चा। प्रत्येक पदबंध के तीन-तीन उदाहरण लिखवाना व वाक्य में रेखांकित पद का भेद लिखवाना। वाक्य रूपांतरण करवाना। व्यवहारिक जीवन से जुड़े विषयों पर लेखन कार्य करवाना।
7.	NOVEMBER (22)	गद्य ७ कारतूस पद्य ७ आत्मत्राण व्या समास लेखन पत्र लेखन	प्रस्तुत एकांकी द्वारा एक ऐसे जाँबाज के कारनामों के बारे में जानेंगे जिसका लक्ष्य अंग्रजों को देश से बाहर निकालना था। इस प्रार्थना गीत में ईश्वर से दुखों को सहन करने की शक्ति माँगी गई है। हमें सदा आशावादी दृष्टिकोण रखना चाहिए। परिभाषा, विभिन्न भेदों की जानकारी व उनके अंतर को उदाहरणों द्वारा स्पष्ट करना। औपचारिक पत्र के प्रारूप से अवगत कराना व विषय से संबंधित पत्र लेखन करवाना।	संवाद-वाचन करवाना। गीत का सस्वर वाचन करना। 'इतनी शक्ति हमें देना दाता' प्रार्थना का प्रस्तुतीकरण। समस्तपद व समास-विग्रह से संबंधित कार्य करवाना। रचनात्मक लेखन का अभ्यास करवाना।
8.	DECEMBER (25)	पुनरावर्तन	पूर्व पठित पाठों, व्याकरणिक इकाईयों व रचनात्मक लेखन के विषयों का पुनरावर्तन।	मौखिक व लिखित अभ्यास करवाना।
9.	JANUARY (17)	पुनरावर्तन	अंतिम परीक्षा के लिए संबंधित विषयों का पुनरावर्तन कार्य करवाना।	मौखिक व लिखित अभ्यास करवाना।
10.	FEBRUARY (23) MARCH (10)	पुनरावर्तन	अंतिम परीक्षा के लिए संबंधित विषयों का पुनरावर्तन कार्य करवाना।	मौखिक व लिखित अभ्यास करवाना।

Name of the Teacher : Ms. Bhanu Sharma,

Ms. Pranita Gandhe



TAPOVAN INTERNATIONAL SCHOOL
YEARLY SYLLABUS 2025- 26

SUBJECT: SOCIAL SCIENCE (087)

Class: X

Sr.No	Month	No. of Working Days	No. & Name of the Chapter	Content / Sub Topics	Activities
1	April	22	Resources and Development	❖ Resources ❖ Type of resources ❖ Development of resources ❖ Resource planning in India ❖ Land use pattern in India ❖ Classification of Soil	➤ Prepare a short note on the need of resource planning in India. ➤ Prepare a chart on the types of soil, features and methods of soil conservation ➤ Prepare pie diagrams on land use pattern of India and write in their own words about reasons for the changes in land use pattern in India
			Power Sharing	❖ Case study of Belgium and Sri Lanka ❖ Majoritarianism in Sri Lanka ❖ Why power sharing is desirable ❖ Forms of power sharing	➤ <u>Prepare a Flow Chart on different Organs of the Government.</u> ➤ <u>Quiz</u>
			Nationalism in India	❖ First world war and its effect on Indian Politics ❖ Rowlatt Act ❖ Khilafat Movement ❖ Non – Cooperation Movement ❖ Salt March and its effect on Indian	➤ <u>Map Activity-Indian National Congress Sessions , Important Centres of IndianNational Movement</u> ➤ <u>Prepare a time line specifying the major events of Indian National Struggle.</u> ➤ <u>List down the factors that created a sense of collective belonging among Indians.</u>

			Sectors of the Indian Economy	❖ Sectors of Economic Activities ❖ Comparing the three sectors ❖ Primary, Secondary and Tertiary Sectors in India ❖ Division of sectors as organized and unorganized ❖ Sectors in terms of ownership: Public and Private Sector	➤ Write a short note on the growing importance of Tertiary sector in India ➤ Debate on the topic “Enlargement of the Unorganised sector is mark of Economic instability” ➤ Worksheet-MCQ
3	July	26	Water resources Revision for PT -1 Exam Print Culture and the Modern World	❖ Water some facts and figures ❖ Water security and need for water conservation ❖ Multipurpose river projects ❖ The First Printed Books ❖ The Print Revolution and Its Impact ❖ The Nineteenth Century ❖ India and the World of Print ❖ Print and Censorship	➤ Debate on the topic –“Multipurpose River Projects showed the way for multifaceted development” ➤ Map Activity-Locate /identify the major Multipurpose River Projects of India ➤ Suggest five ways for water conservation ➤ Quiz/Worksheet ➤ Prepare a time line /time chart depicting the evolution and growth of printing technology
4	August	18	The Rise of Nationalism in Europe	❖ The French Revolution and the Idea of the Nation ❖ The Making of Nationalism in Europe ❖ The Age of Revolutions: 1830-1848 ❖ The Making of Germany and Italy ❖ The Strange Case of Britain ❖ Visualising the Nation ❖ Nationalism and Imperialism	➤ Prepare a chart listing those measures taken by French revolutionaries to create a sense of collective identity. The chart may also contain visuals/images. ➤ Group Discussion –Topic-Napoleon destroyed democracy in France ➤ Worksheet -MCQ

5	September	25	Revision for Mid-Term Exam Money and Credit Outcomes of Democracy	❖ Role of money in economy ❖ Formal and Informal financial institutions ❖ Functions of RBI ❖ Savings and credit, Self-help groups. ❖ Can or should democracy should be judged by its outcomes? ❖ Accountable, Responsive and Legitimate Government ❖ Economic Growth and Development ❖ Has democracy led to development, security and dignity of the people?	➤ Prepare a list of the functions of the Reserve Bank of India. ➤ Prepare a flow chart on Modern forms of Money ➤ Analyze any two cartoons given in the lesson ➤ Debate on the topic –Democracy is the most accountable form of government
6	October	12	Agriculture	❖ Types of farming ❖ Cropping Pattern ❖ Major Crops ❖ Technological and Institutional Reforms	➤ Map Activity-Important areas of major crops grown in India. ➤ Prepare a table furnishing the climatic and soil requirements of the major food and cash crops of India. ➤ Prepare a list of institutional and technological reforms which improved



TAPOVAN INTERNATIONAL SCHOOL

YEARLY SYLLABUS 2025-26

SUBJECT: Artificial Intelligence (Code -417)

Class- X

Sr. No	Month	Days	No. & Name of the Chapter / Lesson	Content / Sub Topics	Experiments / Activities
1	April	22	Employability Skills Unit -1 : Communication skills Unit -2 : Self management skills	✓ Introduction ✓ Importance of Communication ✓ Types of Communication ✓ Communication Cycle ✓ Feedback in Communication ✓ Barriers to Effective Communication ✓ Writing Skills ✓ Phrases ✓ Sentences ✓ Writing Effective Paragraphs ✓ Introduction ✓ Why is "Self" Important ✓ Stress and its Management ✓ Working Independently	Role-Play on Communication Types – Students perform short skits demonstrating different types of communication (verbal, non-verbal, written, and visual). Cybersecurity Quiz – Conduct a quiz to test students' knowledge of online security and data privacy.
3	June	23	Unit -3 : Employment skills Unit -4 : Entrepreneurial Skills	✓ Introduction ✓ What is an Operating System ✓ Microsoft Windows OS ✓ Maintaining your Computer (and Other Devices) ✓ Computer Security and Privacy ✓ Introduction ✓ Entrepreneurship and Society ✓ Types of Entrepreneurial Activities ✓ Qualities of an Entrepreneur ✓ Functions and Roles of an Entrepreneur ✓ Why is Entrepreneurship Important ✓ Myths Surrounding Entrepreneurship ✓ Entrepreneurship as a Career	Business Pitch Competition – Students create and present a small business idea with a marketing plan. Case Study on Entrepreneurs – Analyze the success story of an entrepreneur and present key takeaways.

4	July	26	Unit -5 : Green Skills Subject skills Unit -1 Introduction to AI Unit -2 Basics of AI	✓ Introduction ✓ Natural Resources: The Foundation of Human Life ✓ What is Sustainable Development ✓ Sustainable Development Goals ✓ Problems of Sustainable Development ✓ Green Skills and Their Roles ✓ Introduction ✓ AI Taxonomy ✓ Traditional vs Machine Learning Algorithms ✓ Introduction to AI Domains ✓ Other AI Technologies ✓ AI Ethics	AI in Daily Life Discussion – Students research and present real-world applications of AI. AI Ethics Debate – Debate on ethical concerns related to AI, such as job loss and bias.
5	August	18	Unit- 3: AI Project Cycle Unit- 4: Advanced Python	✓ Introduction ✓ Introduction to AI Project Cycle ✓ Problem Scoping ✓ Data Acquisition ✓ Data Exploration ✓ Modelling ✓ Dimensionality Reduction ✓ Neural Networks and Deep Learning ✓ Evaluation ✓ Introduction ✓ Installing Jupyter ✓ Introduction to Virtual Environments ✓ Introduction to Python	Problem-Solving Workshop – Students define a problem and outline an AI-based solution. AI Model Planning – Develop a flowchart for an AI project, covering data collection to model evaluation.

6	September	25	Unit – 4 : Advanced Python	✓ Introduction to Python ✓ Building Blocks of Python: The Basics ✓ Python Data Structures ✓ Control Structures in Python ✓ Python Libraries and Packages	Python Coding Challenge – Solve small coding problems using loops, functions, and data structures. Jupyter Notebook Exploration – Hands-on activity to install and run a Python script on Jupyter.
7	October	12	Unit -5 :Data Science	✓ Introduction ✓ Why Data Science ✓ What is Data Science ✓ Artificial Intelligence and Data Science ✓ How Data Science Analyzes Data ✓ Applications of Data Science ✓ Revisiting AI Project Cycle ✓ Data Collection ✓ Data Access and Processing ✓ Working with NumPy ✓ Working with Pandas ✓ Basic Statistics with Python	Data Collection Activity – Students gather data and analyze it using Pandas and NumPy. Data Visualization Task – Create bar graphs and pie charts using Matplotlib in Python
8	November	22	Unit -5 Data Science continue.. Unit -6 : Computer Vision	✓ Data Visualization ✓ Data Science: Classification Model ✓ Personality Prediction ✓ K-Nearest Neighbors ✓ Introduction ✓ What Constitutes the Eyes of a Computer ✓ Applications of Computer Vision ✓ Computer Vision Tasks ✓ Basics of Images , ✓ Basics of Image Features, ✓ Introduction to open cv ✓ Key to Feature Extraction: Convolution Operation ✓ Convolutional Neural Network: Layers ✓ Applications pf computer vision	Image Processing Experiment – Students use OpenCV to apply filters and transformations to images. Face Detection Task – Implement a simple face detection program using OpenCV.

9	December	25	Unit -6 : Computer Vision continue. Unit -7 : Natural Language Processing (NLP)	✓ Convolutional Neural Networks (CNN) ✓ What is a Convolutional Neural Network ✓ Key to Feature Extraction: Convolution Operation ✓ Introduction ✓ Applications of Natural Language Processing	Chatbot Creation – Develop a simple chatbot using Python and NLP techniques.
10	January	17	Unit -7: Natural Language Processing (NLP) continue..	• APIs • Revisiting AI Project Cycle • Chatbots • Human Languages vs Computer Languages • Data Processing in NLP	Text Sentiment Analysis – Analyze tweets or reviews for sentiment (positive/negative/neutral).
11	February	23	Revision		

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