



TAPOVAN INTERNATIONAL SCHOOL

YEARLY SYLLABUS 2026-27

SUBJECT: ENGLISH

Class: VIII

Sr. No.	Month	No. of Working Days	No. & Name of the Chapter / Sub topics	Learning Outcomes	Skill / Competency focused	Pedagogical Strategies with integration of Art/ Sports/ Value Education.
1	APRIL	23	BRIDGE COURSE - Reading - Writing skill - Grammar (Parts of speech and Tenses) - Short assessment Unit: 1 Wit and Wisdom Ch:1 The Wit that Won Hearts Poem: A Concrete Example GRAMMAR: Parts of speech: - Noun ,Pronoun, Verbs , Adverb, Adjectives, Conjunctions, Prepositions	-Learners will integrate reading, writing, listening and speaking effectively -Students will be able to read the story with understanding, identify wit and wisdom used by the character, and infer the message of the story. -Students appreciate poetic language, identify rhyme and theme , and express ideas about the poem. -Students identify and correctly use nouns, pronouns, verbs, adjectives and adverbs in sentences.	-Contextual Understanding, language accuracy, diagnostic thinking and reflective learning -Reading comprehension, interpretation of characters, critical thinking, vocabulary development, ethical reasoning -Literary appreciation, imagination, -expressive reading -Grammar accuracy, sentence formation, -logical structuring of language	-Integrated worksheets, questioning techniques -Error Analysis task -Guided reading, storytelling, group discussion, role play Value-based Activity: -Decision Tree Chart (Choices- consequences) -Poetry recitation, choral reading, illustration of poem scenes - Grammar exercises, language games, worksheets -Speak Politely Challenge
2.	JUNE	23	Unit 1 Ch3 wisdom paves the way	-Students understand the theme of wisdom and decision-making and	-Analytical thinking, comprehension, moral reasoning	-Story narration, discussion on values, think-pair-share

			Unit: 2 Ch:1 A Tale of Valour - Major Somnath Sharma - The Battle of badgam Grammar: Sentences and Phrases - Types of Sentences, Types of Phrases Letter Writing - Formal and Informal	relate it to real-life situations. -Students understand bravery and patriotism through the biography and historical event. -Students differentiate between types of sentences and phrases and use them correctly. -Students will be able to write formal and informal letters using correct format and language.	-Informational reading, value awareness, interpretation -Language accuracy -grammar application -Communication and writing skill -Functional writing, -Written communication	-Case study discussion, presentation, video clips Reflection writing Activity: “If I were a soldier....” -Sentence formation activities, grammar drills -Guided writing, sample letter analysis -Draft →Edit →Final Writing Process
3.	JULY	26	Unit:2 Ch: 3 Verghese Kurien – I too Had a Dream Poem: somebody's Mother Grammar: - Articles and Determiners - Definite and Indefinite Writing Skills: - Notice Writing	-Students understand the contribution of Verghese Kurien and reflect on leadership and innovation. -Students interpret the theme of kindness and empathy in the poem. -Students will be able to understand use definite and indefinite articles and determiners accurately.	-Reading comprehension, analytical thinking, -awareness of social contribution -Literary interpretation, empathy, imagination - Grammar application, sentence accuracy - Functional writing, organization of information	-Biography discussion, project work -Poetry recitation, discussion on moral values Value Based: Connect the poem to real life - Fill-in-the-blank activities, sentence construction - Real-life notice writing activities -Subject Enrichment Activity Reading Task

			- Different types of notices	- Students learn the format and purpose of notices and write clear notices for school events.		
4.	AUGUST	22	Unit: 3 Ch 1 The Case of the Fifth Word Poem: The Magic Brush of Dreams Grammar: Tenses • Simple • Continuous • Perfect • Perfect Continuous	- Students analyse the mystery and logical reasoning in the story. - Students appreciate imagery and symbolism used in the poem. - Students identify and correctly use simple, continuous, perfect and perfect continuous tenses.	- Logical thinking, comprehension, inference - Literary appreciation, imagination - Grammar accuracy, language fluency - Practice exercises, conversation activities	- Problem-solving discussion, group reading - Poetry recitation, creative drawing - Practice exercises, conversation activities - Subject Enrichment Activity Speaking Task
5.	SEPTEMBER	20	Revision	- Students reinforce previously learned concepts and demonstrate understanding.	- Recall, application of knowledge.	- Quizzes, application based worksheets, peer learning
6.	OCTOBER	24	Unit:3 Ch:3 spectacular wonders Unit:4 The Cherry Tree Unit: 4 Poem: Harvest Hymn Grammar: Active and passive voice	- Students understand the importance of natural wonders and develop curiosity about the world. - Students learn about patience and growth through the story. - Students appreciate nature imagery and poetic expression .	- Informational reading, analytical thinking - Interpretation, moral understanding - Literary appreciation, imagination - Grammar transformation skills	- Visual presentations, group discussion Value-based Activity: Plant Growth Observation Activity - Story discussion, reflection activity - Recitation, art integration - Drill exercises, sentence transformation

			Writing skills: Diary Writing /Story Writing	- Students transform sentences between active and passive voice. - Students express personal experiences creatively in diary or story form.	- Creative writing, expression of ideas	-Guided writing, brainstorming
7.	NOVEMBER	13	Unit: 4 Ch: Waiting for the Rain Writing Skills: Story Writing	- Students understand themes of hope and patience and analyze characters. - Students create imaginative stories with proper sequence and vocabulary.	- Reading comprehension, emotional interpretation - Narrative writing, creativity	- Group discussion, storytelling - Story completion activity - Subject Enrichment Activity <i>Listening Task</i>
8.	DECEMBER	25	Unit:5 Feathered Friend Poem: Magnifying Glass Grammar: Phrasal Verbs Conjunctions • Coordinating • Correlative • Subordinating Writing Skills: Report Writing	- Students understand the importance of birds and environmental awareness . - Students explore curiosity and observation through poetic language. - Students correctly use phrasal verbs and coordinating, correlative and subordinating conjunctions. - Students will be able to write structured reports on events.	- Reading comprehension, observation skills - Literary appreciation, imagination - Vocabulary development, Grammar application - Functional writing, organization	- Nature discussion, project work Value-based Activity: Bird Conservation Awareness Task - Recitation, Visualisation activity - Sentence building activities - Writing practice based on school events

9.	JANUARY	20	Unit:5 Bibha Chowdhuri • The Beam of Light that Lit the Path for Women in Indian Science Grammar: Reported Speech	- Students learn about the achievements of a scientist and appreciate women's contribution to science. - Students convert direct speech into indirect speech correctly.	- Informational reading, - Analytical thinking - Grammar transformation, - Sentence accuracy	- Biography presentation, discussion - Presentation: 'Women who inspires me' - Practice exercises, dialogue transformation
10.	FEBRUARY	23	Revision:	-Demonstrate conceptual clarity and application	- Recall, application of knowledge.	- Quizzes, worksheets, peer learning -Class Test
11.	MARCH	10	Annual Examination			

Teacher's Name: Ms. Sapna Sharma



TAPOVAN INTERNATIONAL SCHOOL

YEARLY SYLLABUS 2026-27

SUBJECT: Social Science

Class: VIII

Sr. No.	Month	No. of Working Days	No. & Name of the Chapter / Sub topics	Learning Outcomes	Skill / Competency focused	Pedagogical Strategies with integration of Art/ Sports/ Value Education.
1	APRIL	23	Chap-1 Natural Resource and Their Use Chap-2 Reshaping India's Political Map(Rise and fall of the Delhi Sultanate) Resistance to The Delhi Sultanate andThe Mughals by Indian Rulers. (Only For Project Based Study)	Identify types of natural resources and their conversation. Learn Sustainable Resources Development. (Four Rs). Understand the foreign invasions and the rise of new dynasties reshaped India's political boundaries and economic transformation. Describe the emergence of the Marathas and the	Critical thinking; "Natural Resource curse" Or "Paradox of plenty" Judicious use of natural Resources. Historical Analysis through Timeline preparation Analyse the Military	"Poster Making on Restoration and Regeneration of Resources" Map marking activities. Story Telling Method to explain the Life and achievements of

3.	JULY	26	Chap -4 The Colonial Era in India European In India The Portuguese: Commerce and atrocities The Dutch: Commerce and Competition The French: Colonial ambitions Enter The British India From Paradise to Hell?	Meaning of Colonial Era in India. Reason of The Drain of India's Wealth Understand the transforming Indian Education Creating 'Brown Englishmen'	Communication Skills through discussion on an alternate History if India was never colonized European Power.	Storytelling Method to explain historical events. Value: Appreciation of 'India's struggle for Independence.'
4.	AUGUST	22	The Parliamentary System: Legislature and Executive Judiciary	Explain the Structure and Functions of the Parliamentary System of India. Understand the role of the Judiciary of India in interpreting laws and delivering justice. Develop awareness about democratic participation and responsible citizenship.	Critical thinking- understanding law-making and governance. Decision –making skills through debates and Discussions.	Parliament Simulation: Students act as MPs, ministers, and Speaker. Role Play Court game: Students acts as judge,lawyer, and citizen to solve a class case.
5.	SEPTEMBER	20	Revision			

6.	OCTOBER	24	Part-II Ch-1 world Geography: Some Glimpses Ch-2 India's Long Road to Independence	• Locate and identify major geographical features of the world. • Understand spatial patterns and geographical diversity. • Interpret maps and geographical information. • Develop awareness of interdependence among regions. • Describe important stages in India's struggle for independence. • Understand contributions of major leaders and movements. • Explain the importance of people's participation. • Develop appreciation for India's freedom struggle.	• Map skills. • Spatial thinking. • Observation. • Data interpretation. • Geographical reasoning. • Historical analysis. • Chronological thinking. • Research skills. • Communication. • Interpretation of historical sources.	• World map activities and atlas work. • Timeline
7.	NOVEMBER	13	Ch-3 A Journey Through Indian Architecture	• Identify major styles and examples of Indian architecture. • Appreciate India's architectural heritage. • Explain the importance	• Observation. • Visual analysis. • Heritage awareness. • Research and presentation. • Creative thinking.	• Virtual/visual heritage tour. Map work. • <i>This chapter is only for project.</i>

			Ch-4 The Role of the Judiciary in our Society	of conservation. • Explain the importance of an independent judiciary. • Understand how courts help uphold justice and rights. • Recognize the importance of rule of law. • Develop awareness of citizens' legal responsibilities.	• Legal reasoning. • Critical thinking. • Decision-making. • Case-study analysis. • Ethical judgement.	• Mock courtroom activity.
8.	DECEMBER	25	Ch-5 Citizenship: Rights and Duties Ch-6 Dynamics of Population	• Explain the meaning of citizenship. • Identify important rights and duties of citizens. • Understand the relationship between rights and responsibilities. • Develop responsible citizenship. • Explain population distribution and its variations. • Understand factors affecting population	• Civic competence. • Decision-making. • Social responsibility. • Communication skills. • Ethical reasoning. • Data interpretation. • Graphical skills. • Analytical thinking. • Map skills.	• “Rights and Duties” classroom charter. • Population graphs and map activities.

				growth and migration. • Interpret population-related data and graphs. • Understand the relationship between population and resources.	• Cause-and-effect reasoning.	
9.	JANUARY	20	Ch-7 India's Urban Landscape Ch-8 Cultural Currents: 13th to 17th Centuries	• Understand the growth and characteristics of urban areas. • Identify major features and challenges of Indian cities. • Explain issues related to transport, housing, sanitation and urban resources. • Suggest sustainable solutions for urban development. • Identify major cultural developments between the 13th and 17th centuries. • Understand the contributions of different cultural traditions. • Explain the role of literature, music, art and religious movements. • Appreciate India's	• Cultural interpretation. • Research skills. • Creative expression. • Appreciation of diversity. • Critical thinking. • Application and analysis. • Time management. • Writing skills. • Self-evaluation.	Plan and suggest action points with respect to urban planning in cities to mitigate the challenges below: • Waste Management • Traffic Congestion • Stray Animals • Music, poetry and art-based activities. • Research one bhakti or sufi saint mentioned in the chapter (Kabir, Mirabai, Ravidas, Tukaram, Chishti, Rumi or others) Find one of their poems or bhajans in translation. • <i>This Chapter is only for research work activity.</i>

				composite cultural heritage.		
10.	FEBRUARY	23	Revision			
11.	MARCH	10				



TAPOVAN INTERNATIONAL SCHOOL

YEARLY SYLLABUS 2026-27

SUBJECT: Science

Class: VIII

Sr. No.	Month	No.of Working Days	No. & Name of the Chapter / Sub topics	Learning Outcomes	Skill / Competency focused	Pedagogical Strategies with integration of Art/Sports/Value Education.
1	APRIL	23	Ch. 1 Exploring Investigative World of Science - Scientific Investigation - Science In Our Daily Life - Becoming a Young Scientist Ch. 2 The Invisible Living World: Beyond Our Naked Eye - Cell and Cell Structure - Levels of Body Organization - Microorganisms - Role of Microbes in Our Daily Life	➤ Understand the nature of science as an investigative process. ➤ Recognize the importance of scientific investigation. ➤ Appreciate the role of science in our daily life ➤ Learn about life and health, electricity, force, pressure, light etc. ➤ Understand the concept of cell and the levels of body organization. ➤ Differentiate between plant and animal cells. ➤ Define microorganisms and explain they are called invisible living organisms. ➤ Identify different	❖ Develops curiosity to explore 'why' and 'how' things happen. ❖ Designs and conduct simple experiments. ❖ Records observations and interpret. ❖ Applies knowledge to solve everyday problems. ❖ Observation and Exploration ❖ Conceptual Understanding: Understand that many organisms are too small ❖ Analytical and Critical Thinking: Analyze situations and propose explanations.	Art Integration: Becoming a young Scientist Activity: The students will observe different phenomena around them and investigate asking "why", "what", "how" etc. and record their observations. Objective: Learn about systematic investigation. Outcome: Understand science in daily life Sports integration: Activity: Germ spread relay race Apply a small amount of safe colour powder/glitter to one student's hand. The student passes a ball in a relay. Objective: Understanding transmission of microbes. Outcome: Importance of hygiene Sport + Value integration: Activity: Cleanliness Drive

				types of microorganisms and describe their habitats.	❖ Solve real-life problems using scientific reasoning.	Challenge Divide class into teams and conduct a timed cleanliness drive (classroom/garden) Objective: Team spirit Outcome: cleanliness and teamwork
2.	JUNE	23	Ch. 3 Health: The Ultimate Treasure ▪ Keeping Ourself Healthy ▪ Causes and Types of diseases ▪ How to Prevent and Control Diseases Ch. 4 Electricity: Magnetic and Heating Effects ▪ Magnetic Effect of Current ▪ Heating Effect of Current ▪ Electric Cells and Batteries	➤ Define health and understand it as physical, mental and social well-being. ➤ Identify the factors that affects health. ➤ Differentiate between communicable and non-communicable diseases. ➤ Know the role of immunity, vaccination and antibiotics. ➤ Explain the heating effect of electricity ➤ Describe the magnetic effect ➤ Demonstrate how an electromagnet works ➤ Identify and explain common appliances ➤ Recognize the importance of safe use of electricity	❖ Identify components of a balanced diet. ❖ Classify and Differentiate diseases as communicable and non-communicable. ❖ Observation and Inquiry: Identifies symptoms of common diseases and raises questions about causes and prevention. ❖ Experimental and practical: Plans a balance diet chart. ❖ Conceptual Understanding: Relation between electricity and heating/magnetic effects. ❖ Application: Explains use of fuse in preventing electrical accidents. ❖ Analytical and Critical Thinking ❖ Communication ❖ Scientific attitude and Awareness	Art + Value Integration Activity: Designing colourful food plates Objective: Understand the importance of balance diet Outcome: Self-care, Awareness about nutrition Sport + Value Integration: Activity: The students will perform some physical activities on the ground like skipping, running race etc. Objective: Importance of physical fitness and exercise for body systems. Outcome: Realize how diet associated with fitness, importance of consistency and discipline. Art integration Activity: making of electromagnet Objective: understand the effect of electricity Outcome: Learn to use electricity in different ways.

3.	JULY	26	Ch. 5 Exploring Forces ▪ Understanding Force and its Effects ▪ Different Kinds of Forces ▪ Weight and Its Measurement ▪ Floating and Sinking Ch. 6 Pressure, Wind, Storms and Cyclones ▪ Pressure ▪ Pressure Exerted by Liquids ▪ Pressure Exerted by Air ▪ Formation of Wind ▪ Storms, Thunder and Lightning ▪ Cyclones	➤ Define force and explain it as a push or pull ➤ Identify different types of forces ➤ Explain the effects of force ➤ Relate friction to everyday life ➤ Describe ways to increase or decrease friction ➤ Define pressure and explain how it acts on surfaces. ➤ Explain the relationship between force and area. ➤ Describe atmospheric pressure and its effects. ➤ Understand the formation of storms and cyclones. ➤ Identify causes and impacts of cyclones	❖ Observation and Inquiry ❖ Experimental and practical ❖ Conceptual Understanding ❖ Application ❖ Analytical and Critical Thinking ❖ Communication ❖ Observation and Inquiry: Observes effects of pressure in daily life ❖ Experimental and practical: Performs simple activity to demonstrate pressure ❖ Conceptual Understanding: Understands the concept of pressure in solids, liquids and gases ❖ Application: Applies knowledge to explain real-life phenomena.	Sports + Value Integration Activity: Tug of War game Objective: Demonstrate balance and unbalance forces. Understand force, direction and net force. Outcome: Define force, observe force in daily life. Value: Learn team spirit, cooperation and fairness Art Integration Activity: Making of models or labeled diagrams of cyclone showing eye, wind direction and movement. Objective: Know about the structure and formation of cyclone. Outcome: Understand and create awareness about natural disasters.
4.	AUGUST	22	Ch. 7 Particulate Nature of Matter ▪ Composition of Matter ▪ Different State of Matter and Interparticle Spacing	➤ Explain that matter is made up of tiny particles. ➤ Describe characteristics of particles ➤ Differentiate	❖ Observation and Inquiry: Observes diffusion and asks questions about changes in states of matter. ❖ Experimental and	Sports + Learning Activity: Quiz, the students will actively participate in quiz (based on teacher's questions) Objective: Concept clarity Outcome: Movement based

			- How Particles Move in Matter? - State of Matter and Particle Energy	- between solids, liquids and gases. ➤ Relate changes of states (Melting, Freezing and Evaporation). ➤ Interpret simple diagrams/models showing arrangement of particles.	practical: Performs activities to show diffusion in liquids and gases. ❖ Scientific Attitude & Awareness: Develop curiosity about microscopic nature of matter.	learning. Differentiate solids, liquids and gases. Value: Participation and confidence
5.	SEPTEMBER	20	Ch. 8 Nature of Matter: Elements, Compounds and Mixtures - Matter Around Us - Pure Substances - Mixtures vs Compounds - Uses of Elements, Compounds and Mixtures - Minerals	➤ Classify matter into elements, compounds and mixtures. ➤ Define elements and identify them as metals, non-metals or metalloids. ➤ Understand basic separation techniques. ➤ Relate physical and chemical changes	❖ Observation: Observe and recognize visible differences in homogeneous and heterogeneous mixture. ❖ Experimental and Practical: Performs activities like filtration, evaporation and sedimentation ❖ Conceptual Understanding: Understands the concepts of pure substances and mixtures.	Art integration Activity: making of a chart showing elements, compounds and mixtures. Objective: Learn about nature of matter. Distinguish between elements, compounds and mixtures. Outcome: Compare different matters based on their nature. Observe and identify elements, compounds and mixtures. Apply knowledge in daily life.
6.	OCTOBER	24	Ch. 9 The Amazing World of Solutes, Solvents and Solutions - What are Solute, Solvents and Solutions? - Types of Solutions - Solubility of Gases in Liquids - Mass, Volume and Density - Effect of Pressure	➤ Define solute, solvent and solution with suitable examples. ➤ Differentiate between solute and solvent. ➤ Distinguish between saturated and unsaturated solutions. ➤ Relate solutions to	❖ Observation and Inquiry: Observes dissolving of substances in water and other liquids and raises questions ❖ Experimental and Practical: Prepare different types of solutions, tests and demonstrate saturated and	Sports + Value Integration Activity: The students will bring different substances like salt, sugar etc. and dissolve them. (team wise) and compare which substance dissolve faster. Objective: Understand what is solute, solvent and solution. Learn their properties of dissolution. Outcome: Know factors affecting

			and Temperature on Density	daily life applications	unsaturated solutions ❖ Analytical and Critical Thinking: Compares different solutions, analyses factors affecting rate of dissolution.	dissolution. Sports: Competitive group activity Value: Fair play and teamwork
7.	NOVEMBER	13	Ch. 10 Light: Mirrors and Lenses ▪ Spherical Mirrors ▪ Reflection and Laws of Reflection ▪ Reflection of Parallel Rays by Mirrors ▪ Behaviour of Parallel Rays When Passed Through Lenses ▪ Lenses: Types and Uses	➤ Explain light and reflection of light and state the basic laws of reflection. ➤ Differentiate between regular and diffused reflection ➤ Identify types of mirrors and lenses and describe their uses. ➤ Explain image formation by plane mirrors. ➤ Relate uses of mirrors and lenses in daily life.	❖ Observation and Inquiry: Reflection of light from mirrors and shiny surfaces. ❖ Experimental and Practical: Performs activities with mirrors & lenses and verify laws of reflection. ❖ Conceptual Understanding: Understands how light travels and reflects. ❖ Application: Applies concepts to explain working of everyday devices.	Art Integration Activity: Making of Kaleidoscope using mirrors and cardboard. Objective: Understand reflection and multiple reflection of light. Outcome: Creative craft, Inculcate creativity and curiosity. Use their knowledge in daily life.
8.	DECEMBER	25	Ch. 11 Keeping Time with the Skies ▪ Phases of Moon ▪ Measuring time with Natural Events ▪ Solar and Lunar Time Units ▪ The Indian National Calendar ▪ Festivals and Astronomical Events ▪ Exploring Space with Artificial Satellites	➤ Explain how early humans measured time using natural phenomena. ➤ Understand the concept of day and night due to earth's rotation. ➤ Explain phases of the moon ➤ Describe how calendars are developed based on astronomical	❖ Observation and Inquiry: Changes in position of the sun, moon and stars, raises questions about celestial movement. ❖ Experimental and Practical: Creates simple models, Tracks moon phases. ❖ Analytical and Critical Thinking:	Art + Value Integration Activity: Shadow Tracking The students will mark their shadow at different time of the day Compare length and direction Objective: Observing celestial movements Outcome: Outdoor movement activity. Observe sun's apparent motion. Development of observation and curiosity.

				events. ➤ Recognize the importance of astronomy in daily life and history.	Analyze and compare patterns of moon phases, predicts changes in shadows. ❖ Communication: Describes celestial phenomena, present observation records and uses correct scientific and astronomical terms. ❖ Scientific Attitude & Awareness: Develops curiosity about space and celestial objects, show interest in observing natural phenomena.	
			Ch. 12 How Nature Works in Harmony ▪ Understanding Our Surroundings ▪ Living Together in Nature ▪ Classification of Organisms ▪ Nature's Way of Managing Waste ▪ Impact of One Change on Another ▪ Interaction and Balance in Ecosystem	➤ Explain the concept of ecosystem, its components (biotic and abiotic) and interdependence of living organisms. ➤ Identify producers, consumers and decomposers. ➤ Understand the flow of energy. ➤ Recognize the importance of balance in nature. ➤ Identify human activities that disturb ecological balance.	❖ Observation and Inquiry: Observes surrounding and identify relationships between organisms. ❖ Conceptual Understanding: Ecosystem, structure and function ❖ Application: Applies knowledge to explain environmental issues and suggests steps for conservation.	Value + Art Integration Activity: Poster making. The students create posters on - Ecosystem - Conservation of Forest - Pollution control etc. Objective: Creative awareness, knowing our nature and conservation of nature. Outcome: Learn about ecosystem and the various factors affecting. Understand the need to conserve ecosystem

9.	JANUARY	20	Ch. 13 Our Home: Earth, A Unique Life Sustaining Planet ▪ The Planets of Our Solar System ▪ Factors that Make the Earth Sustainable for Life ▪ How is Life Sustained on Earth? ▪ Life's Secret to Survive on Earth ▪ Threats to Life on Earth	➤ Explain factors that make the earth suitable for life. ➤ Describe the structure of earth and our solar system. ➤ Understand life's secret to surviving on earth. ➤ Recognize the impacts of human activities and threats to life on earth.	❖ Observation and Inquiry: Observes natural resources and the factors that support the life. Also raises questions about environmental change and sustainability. ❖ Analytical and Critical Thinking: Analyzes how imbalance in one component affects life and compares earth with other planets.	Value + Performing Art Activity: Group discussion Objective: Understand the structure of earth and how life sustain on earth. Discuss the features of the planets of our solar system Outcome: Awareness of natural resources and conservation. Building responsibility towards environment
10.	FEBRUARY	23	Revision for Final Exams			
11.	MARCH	10	Final Exams			



TAQOVON INTERNATIONAL SCHOOL

YEARLY SYLLABUS 2026-27

SUBJECT: Mathematics

Class: VIII

Sr. No.	Month	No.of Working Days	No. & Name of the Chapter / Sub topics	Learning Outcomes	Skill / Competency focused	Pedagogical Strategies with integration of Art/Sports/Value Education.
1	APRIL	23	Ch. 1 A square and A cube - Understanding perfect square and cubes. - Exploring patterns with square numbers. - Geometrical Patterns. - Finding square/cube roots. - Practical applications. Ch. 7 Proportional Reasoning - 1 - Observing Similarity in Change. - Ratios and Ratios in their Simplest Form. - Problem Solving with Proportional Reasoning.	➤ Understanding square and cube numbers through patterns ➤ Relate area and volume with square and cube ➤ Identify perfect squares and cubes ➤ Apply concepts in real-life situations ➤ Understand ratio and proportion ➤ Solve problems based on direct variation ➤ Apply proportional reasoning in daily life	❖ Numerical fluency (recognizing square/cube patterns) ❖ Pattern identification and generalization ❖ Spatial reasoning ❖ Estimation and mental methods ❖ Understanding relation between quantities ❖ Ratio & proportion application ❖ Real-life problem solving (unitary method) ❖ Logical comparison skills	○ Sports + Value integration Activity: Counting squares on a chessboard or floor tiles Value: Appreciation of patterns in nature, patience and observation ○ Art integration Activity: Making rangoli designs to show square numbers ○ Art + Value Integration Activity: Price and Volume The students will collect information about price and quantity of things and make a table. Compare and check the proportionality

2.	JUNE	23	Ch. 2 Power Play ▪ Experiencing the Power Play. ▪ Exponential Notation and Operations. ▪ Laws of exponents. ▪ Application of Powers Ch. 3 A story of Numbers ▪ The mechanism of Counting. ▪ Some early Number Systems. ▪ The Idea of a Base. ▪ Place value Representation. ▪ Practical Applications of different Number Systems.	➤ Understand exponents and power ➤ Apply laws of exponents ➤ Express large numbers in standard form ➤ Use power in calculation and problem solving ➤ Understand number system and their history ➤ Work with integers and rational numbers ➤ Identify patterns and relationship in numbers ➤ Develop logical reasoning through number properties	❖ Efficient computation using exponents ❖ Logical application of exponent laws ❖ Representation of large/small numbers into standard form ❖ Problem solving efficiency ❖ Conceptual understanding of number system ❖ Logical reasoning & classification ❖ Operations with integers and rational numbers ❖ Real-life application of numbers	○ Art Integration Activity: Paper folding experiment. The students will fold the paper multiple times and count the layers. Objective: Understand exponential growth Outcome: Understand power concept and develop curiosity. ○ Value Education Activity: The students will collect pictures of Indian Mathematicians and paste in their note book. They will write about their contribution. Objective: Know about mathematicians Outcomes: Respect for Indian Mathematical Heritage
3.	JULY	26	Ch. 4 Quadrilaterals ▪ Introduction to Polygons. ▪ Angle sum property. ▪ Properties of Parallelogram. ▪ Special quadrilaterals. ▪ Diagonal Properties. Ch. 5 Number Play ▪ Sum of Consecutive	➤ Identify different types of quadrilaterals ➤ Understand properties (angles, sides, diagonals) ➤ Apply angle some property ➤ Solve real-life geometry problems ➤ Develop number sense and mathematical	❖ Geometric visualization ❖ Analytical and thinking skills (properties comparison) ❖ Diagram interpretation and construction ❖ Puzzle-solving ability ❖ Critical and creative	○ Sports Integration Activity: Identify shapes in courts (football, basketball etc.) Art Integration Activity: Warli or Mandala design using shapes Objectives: Identify different shapes Outcomes: Real-life application Observation skills

			Numbers. ▪ Parity Analysis. ▪ Divisibility Rules and Puzzles.	thinking ➤ Identify patterns, sequences and puzzles ➤ Strengthen logical and analytical skills	thinking ❖ Pattern recognition ❖ Mathematical curiosity and exploration	
4.	AUGUST	22	Ch. 5 Number Play (Cont.) ▪ Digits in Disguise. ▪ Number Properties. Ch. 6 We Distribute, Yet Things Multiply ▪ Some Properties of Multiplication. ▪ Expanding Algebraic Expressions ▪ Algebraic Identities. ▪ Real-life Patterns and Shortcuts.	➤ Understand algebraic expressions ➤ Apply distributive property ➤ Multiply algebraic expressions ➤ Simplify expressions	❖ Algebraic manipulation skills ❖ Abstract thinking ❖ Application of distributive property ❖ Simplification and expression handling	○ Sport + Value Education Activity: Sharing task The students distribute 24 objects in 4 students and then 30 objects in 5. Objective: Understand distributive property Outcomes: Perform division through hands-on experiences
5.	SEPTEMBER	20	Revision for Half Yealy Exams	--		
6.	OCTOBER	24	Ch. 8 Fractions in Disguise ▪ Expressing fractions in Percentages ▪ Percentage of some Quantity ▪ Percentage Increase or Decrease ▪ Profit and Loss ▪ Growth and Compounding Ch. 9 The Baudhayana – Pythagoras Theorem ▪ Doubling and halving a square ▪ Hypotenuse of an Isosceles right Triangle	➤ Understand advance concept of fractions ➤ Convert between different forms ➤ Solve real-life fraction related problems ➤ Understand Pythagoras theorem ➤ Apply theorem in geometry problems ➤ Solve numerical problems related to	❖ Fraction operations fluency ❖ Conversion between forms ❖ Simplification strategies ❖ Application in real-life ❖ Geometric reasoning ❖ Logical proof understanding ❖ Application in problem-solving ❖ Spatial visualization	○ Art + Sports + Value Education Activity: Fraction of a whole The students will divide biscuits from the whole packet. Objective; Visualize fractions Outcomes: Understand fractions Identify part of a whole Know about equivalent fractions ○ Art Integration Activity: (1) String Art (2) Doubling a square using paper

			- Combining Two different Squares - Right triangles having Integer Sidelengths - Application of the Baudhayana – Pythagoras Theorem	right triangles		The students will cut and fold the paper as per the teacher's instruction. The students will make different right triangles and design from right triangles using sting. Objectives: Understand concept of Pythagoras property Outcome: Creativity and geometry link
7.	NOVEMBER	13	Ch. 10 Proportional Reasoning – 2 - Proportionality - Ratios in maps - Dividing a whole in a Given ratio - A slice of the pie - Inverse Proportion	➤ Understanding inverse proportion ➤ Solve real-life problems using proportionality ➤ Compare direct and inverse variation	❖ Understanding inverse relationships ❖ Data interpretation ❖ Comparative reasoning ❖ Real-life application (speed, time, work etc.)	○ Sports Integration Activity: Fitness and Speed Objective: Understand direct proportion, apply knowledge in real-life situations Outcomes: Develop logical and analytical thinking
8.	DECEMBER	25	Ch. 11 Exploring Some Geometric Themes - Geometric Themes & Properties. - Symmetry and Transformation. - Congruence and Similarity. - Advanced Geometry. - Geometric Illusions. Ch. 12 Tales by Dots and Lines - Introduction to	➤ Understanding symmetry and geometric patterns ➤ Explore transformations ➤ Develop spatial visualization skills ➤ Understand coordinate geometry basics	❖ Symmetry and transformation skills ❖ Spatial reasoning ❖ Visualization and creativity ❖ Observation of patterns ❖ Graph interpretation ❖ Coordinate plotting ❖ Data visualization	○ Sport + value Education Activity: Nature Walk Objectives: Identify geometry in nature. Observe symmetrical objects in nature Outcomes: Observation and Appreciation. Sports + Art Integration: ○ Activities: (1) Treasure Hunt

			Coordinate Plane. ▪ Ordered Pairs. ▪ Quadrants. ▪ Graphing and Data Visualization. ▪ Linear Graphs. ▪ Applications.	➤ Plot points on a plane ➤ Interpret graphs and patterns	❖ Analytical thinking	(2) Coordinate Drawing Objectives: Direction skills Learn how to plot points Calculate distance Outcomes: Graph skills and Creativity
9.	JANUARY	20	Ch. 13 Algebra Play ▪ Simplifying Algebraic Expressions. ▪ Forming Linear Equations. ▪ Solving Linear Equations. ▪ Understanding algebraic Patterns. ▪ Power of Algebra. Ch. 14 Area ▪ Understanding 2-Dimensional Space. ▪ Area of Triangles. ▪ Area of Quadrilaterals. ▪ Area of Circles. ▪ Area of Composite Figures. ▪ Practical Applications. (Mensuration)	➤ Solve linear equations ➤ Understand algebraic identities ➤ Apply algebra in real-life situations ➤ Calculate area of different shapes ➤ Apply formulas for composite figures ➤ Solve practical problems related to mensuration	❖ Equation solving skills ❖ Logical reasoning ❖ Use of algebraic identities ❖ Real-life mathematical modelling ❖ Measurement and estimation ❖ Problem-solving with formulas ❖ Decomposition of shapes ❖ Practical application (land, design, etc.)	○ Art + Value Education Activity: Think of a number Objective: Understand the concept of algebra Outcome: Develop algebraic thinking ○ Sports + Art Integration Activities: (1) Field/Garden Measurement (2) Rangoli Design Objectives: Calculate area Measure real spaces Outcomes: Application of formulas Practical skills Accuracy
10.	FEBRUARY	23	Revision for final exams	Revision for final exams		
11.	MARCH	10				



TAPOVAN INTERNATIONAL SCHOOL

YEARLY SYLLABUS 2026-27

SUBJECT: HINDI

Class: VIII – B/R/G

Sr. No	Month	No. of Working Days	No. & Name of the Chapter / Sub topics	Learning Outcomes	Skill / Competency focused	Pedagogical Strategies with integration of Art/ Sports/ Value Education.
1	APRIL	23	मल्हार :- 1- स्वदेश मल्हार :- 2-दो गोरैया व्याकरण :- वर्ण-विच्छेद, वर्ण संयोजन, अनुस्वार, अनुनासिक, नुक्ता लेखन :- अनुच्छेद लेखन	विद्यार्थी कविता का भाव और देशभक्ति का संदेश समझेंगे। कविता में प्रयुक्त शब्दों और अलंकारिक अभिव्यक्ति को पहचानेंगे। कविता का भावार्थ अपने शब्दों में व्यक्त करेंगे। राष्ट्र प्रेम और कर्तव्य भावना के महत्व को समझेंगे। विद्यार्थी कहानी की घटनाओं और पात्रों को समझेंगे। प्रकृति और पक्षियों के प्रति संवेदनशीलता विकसित करेंगे। विद्यार्थी शब्दों की ध्वनि संरचना, उच्चारण एवं प्रयोग को समझेंगे। विद्यार्थी किसी विषय पर अपने विचारों को स्पष्ट भाषा, वर्तनी और विराम	पठन कौशल- भाव के साथ कविता पढ़ना श्रवण कौशल- कविता सुनकर अर्थ समझना, मौखिक अभिव्यक्ति, शब्द भंडार विकास, रचनात्मक सोच। पठन कौशल, पात्र विश्लेषण कल्पनाशक्ति, सहानुभूति, कथन कौशल का विकास करना। शुद्ध उच्चारण और वर्तनी कौशल विकसित करना। रचनात्मक लेखन कौशल, आलोचनात्मक सोच क्षमता, शब्दावली भंडार, विचारों की	भारत का झंडा बनाकर 'सारे जहाँ से अच्छा' देशप्रेम की रचना लिखना। देशभक्ति शब्दों का भाषा खेल राष्ट्रप्रेम, जिम्मेदारी और सामाजिक कर्तव्य पर चर्चा। कविता वाचन प्रतियोगिता। गोरैया का चित्र बनाना। कहानी क्रम पहचानना। जीव-जंतुओं के प्रति दया भावना। अक्षरों से शब्द बनाने की गतिविधि। शब्द तोड़ों-जोड़ों सामूहिक एवं सहयोगात्मक गतिविधि। समूह में विचार-विमर्श करके लिखने की गतिविधि।

				चिह्नों को सही व क्रमबद्ध तरीके से लिखना सीखेंगे।	तार्किक अभिव्यक्ति तथा भाषा की शुद्धता विकसित करना।	दिए गए विषय के अनुसार अनुच्छेद लेखन कार्य करवाना।
2.	JUNE	23	मल्हार :-3- एक आशीर्वाद व्याकरण- समास लेखन- ई-मेल लेखन लेखन- अपठित गद्यांश	कविता का भाव और संदेश समझेंगे। बड़ों के आशीर्वाद का महत्व समझेंगे। समास के प्रकार समझेंगे एवं सामासिक शब्दों का सही प्रयोग करेंगे। छात्र ई-मेल की संरचना समझेंगे तथा डिजिटल माध्यम में शिष्ट और स्पष्ट भाषा का प्रयोग करना सीखेंगे। डिजिटल माध्यम से संचार की प्रक्रिया को समझेंगे। विद्यार्थी दिए गए गद्यांश को ध्यानपूर्वक पढ़कर उसका अर्थ समझेंगे एवं संबंधित प्रश्नों के उत्तर खोज सकेंगे। पढ़ने की गति और समझ विकसित करेंगे।	कविता वाचन एवं भावार्थ लेखन समझेंगे। विश्लेषण कौशल एवं शब्द निर्माण करना। डिजिटल संचार की समझ, रचनात्मक लेखन कौशल, संप्रेषण कौशल, तार्किक अभिव्यक्ति की क्षमता, भाषा की शुद्धता। पठन बोध कौशल, आलोचनात्मक चिंतन, शब्दावली विकास, मुख्य विचार पहचानने की क्षमता यां विश्लेषणात्मक कौशल।	कविता से प्रेरणा लेकर भारत के पूर्व राष्ट्रपति डॉ. अब्दुल कलाम का प्रेरक उद्बोधन 'सपनों की उड़ान' पढ़वाना। अभ्यासकार्य द्वारा समस्त पद बनाना एवं समास विश्लेषण करवाना। जिससे छात्रों में समास पहचान करने की व्यवस्थित सोच विकसित होगी। दो छात्र एक-दूसरे को ई-मेल का उत्तर लिखेंगे तथा अवकाश प्राप्ति हेतु शिक्षक को ई-मेल लिखेंगे। पठन गतिविधि - गद्यांश को जोर से पढ़ने का अभ्यास करना। समूह चर्चा - गद्यांश के मुख्य विचार की पहचान कराना। शब्दावली खेल - नए शब्दों के अर्थ बताने की प्रतियोगिता कराना। मूल्य समेकन - गद्यांश से मिलने वाली सीख पर चर्चा कराना।
3.	JULY	26	मल्हार :- 4-हरिद्वार	विद्यार्थी पाठ को समझकर उसके संदेश को पहचान सकेंगे। पत्र शैली की विशेषताओं को समझ सकेंगे। हरिद्वार के सांस्कृतिक और धार्मिक	पठन कौशल, रचनात्मक लेखन, आलोचनात्मक सोच, संचार कौशल, संस्कृति की समझ।	चित्र अवलोकन गतिविधि - हरिद्वार और गंगा घाट के चित्र दिखाकर चर्चा करवाना। समूह चर्चा - भारत के धार्मिक स्थलों का महत्व और स्वच्छता का संदेश।

			लेखन - संवाद लेखन। व्याकरण - मुहावरे	महत्व के बारे में जानकारी प्राप्त करेंगे। विद्यार्थी संवाद के स्वरूप और शैली को समझेंगे। किसी घटना या परिस्थिति के अनुसार भाषा का प्रभावी प्रयोग करके संवाद लिख सकेंगे। मुहावरे का सही प्रयोग करना सीखेंगे।	रचनात्मक लेखन कौशल, संप्रेषण कौशल, तार्किक अभिव्यक्ति एवं भाषा शुद्धता। शब्दावली विकास, भाषा की शुद्धता, तार्किक अभिव्यक्ति कौशल, व्याकरण का सही प्रयोग, पठन-बोध एवं रचनात्मक लेखन कौशल का विकास।	संवाद लेखन गतिविधि - यात्री और पुजारी के बीच संवाद लिखवाना। मुहावरों का प्रयोग करके वाक्य निर्माण करवाना।
4.	AUGUST	22	मल्हार :-5- कबीर के दोहे व्याकरण - विराम चिह्न लेखन - विज्ञापन निर्माण।	विद्यार्थी दोहों को सही लय और भाव के साथ पढ़ सकेंगे दोहों का भावार्थ समझ सकेंगे। अपने जीवन में अच्छे विचारों को अपनाने की प्रेरणा प्राप्त करेंगे। विराम चिन्हों के महत्व को समझकर उसका वाक्यों में उचित स्थान पर सही विराम चिन्हों का प्रयोग करके भाषा को स्पष्ट और प्रभावी बना सकेंगे। चित्र और शब्दों के माध्यम से संदेश स्पष्ट रूप से प्रस्तुत करना सीखेंगे। संक्षिप्त और प्रभावी भाषा का प्रयोग करना सीखेंगे।	पठन -बोध कौशल, आलोचनात्मक चिंतन, शब्दावली का विकास, भावार्थ समझने की क्षमता का विकास, नैतिक मूल्यों की समझ, तार्किक अभिव्यक्ति का विकास। भाषा की शुद्धता, व्याकरण का सही प्रयोग, तार्किक अभिव्यक्ति, वाक्य निर्माण क्षमता, लेखन कौशल, पाठ-बोध कौशल। रचनात्मक लेखन कौशल, संप्रेषण कौशल, कल्पनाशीलता और अभिव्यक्ति क्षमता, भाषा की शुद्धता, प्रस्तुतीकरण कौशल।	वाचन गतिविधि- विद्यार्थी दोहो का लय और भाव के साथ गायन करेंगे। समूह चर्चा- दोहों के अर्थ और संदेश पर चर्चा कराना। प्रश्नोत्तरी खेल - दोहों के अर्थ से संबंधित क्विज करवाना। भाषा खेल- बिना विराम चिन्ह वाले वाक्य देकर विद्यार्थियों से सही विराम चिन्ह लगवाने की प्रतियोगिता करवाना। पोस्टर निर्माण- विद्यार्थी नोटबुक में ही किसी उत्पाद या कार्यक्रम का विज्ञापन पोस्टर बनवाना।

				विद्यार्थी विज्ञापन के उद्देश और महत्व को समझ सकेंगे।		
5.	SEPTEMBER	20	पुनरावर्तन कार्य	विद्यार्थी पढ़ाए गए पाठों एवं व्याकरण को समझ कर परीक्षा में लिखने का आत्मविश्वास विकसित कर सकेंगे।	पठन-बोध कौशल, लेखन कौशल, स्मरण शक्ति का विकास, विश्लेषणात्मक कौशल, भाषा की शुद्धता।	अभ्यास कार्य- मांडल प्रश्नपत्र हल करवाना एवं सामूहिक चर्चा करवाना। प्रश्नोत्तरी गतिविधि- पढ़ाए गए पाठों पर क्विज प्रतियोगिता।
6.	OCTOBER	24	मल्हार :- 6- एक टोकरी भर मिट्टी व्याकरण- उपसर्ग, प्रत्यय लेखन- औपचारिक पत्र	लालच न करना, दूसरों के अधिकारों का सम्मान करना, न्याय और मानवता का पालन करना जैसे नैतिक मूल्यों की पहचान कर उन विचारों को व्यक्त कर सकेंगे। विद्यार्थी उपसर्ग और प्रत्यय के अर्थ तथा प्रयोग को समझकर नए शब्द निर्माण कर सकेंगे। विद्यार्थी औपचारिक पत्र के स्वरूप और नियमों को समझकर अपने विचारों को स्पष्ट और व्यवस्थित रूप में प्रस्तुत कर सकेंगे।	पठन-बोध कौशल, आलोचनात्मक चिंतन, शब्दावली का विकास, नैतिक मूल्यों की समझ, तार्किक अभिव्यक्ति का विकास। शब्द निर्माण कौशल, शब्दावली विकास, भाषा की शुद्धता, व्याकरण का सही प्रयोग तथा तार्किक सोच का विकास। लेखन कौशल, संप्रेषण कौशल, भाषा की शुद्धता, तार्किक अभिव्यक्ति तथा व्यावहारिक भाषा प्रयोग।	वाचन गतिविधि- विद्यार्थियों द्वारा कहानी का भावपूर्ण वाचन करवाकर सामूहिक चर्चा करना। प्रश्नोत्तरी गतिविधि- कहानी से संबंधित प्रश्नों की प्रतियोगिता करके ईमानदारी, सहयोग और संवेदनशीलता के महत्व को उजागर करना। सामूहिक गतिविधि - शब्दों में से मूल शब्द, उपसर्ग एवं प्रत्ययों को अलग करवाना तथा शब्द निर्माण करवाना। विद्यार्थियों से किसी अधिकारी को औपचारिक पत्र लिखने का अभ्यास करवाना।
7.	NOVEMBER	13	मल्हार :- 7- मत बाँधो	विद्यार्थी कविता का सही लय और भाव के साथ पठन करेंगे तथा काव्य का मुख्य भाव और संदेश समझ	पठन-बोध कौशल, रचनात्मक सोच, शब्दावली का विकास, भावार्थ समझने की क्षमता का विकास, अभिव्यक्ति	कविता वाचन - विद्यार्थियों से कविता का लय और भाव के साथ वाचन करवाकर कविता संबंधित प्रश्नोत्तरी खेल प्रतियोगिता करवाना।

			व्याकरण- वाक्य रचना (अर्थ के आधार पर)	सकेंगे। प्रकृति और स्वतंत्रता के महत्व को पहचान सकेंगे। वाक्य के भेदों को बताना तथा वाक्य रूपांतरण का अभ्यास करवाना।	कौशल का विकास। भाषा की शुद्धता, व्याकरण का सही प्रयोग, तार्किक अभिव्यक्ति, वाक्य निर्माण क्षमता, पठन-बोध कौशल।	चित्र गतिविधि - कविता के भाव के अनुसार चित्र बनवाना। मूल्यांकन कसौटी- वाक्यों के नियमों को बताकर अभ्यास कार्य करवाना।
8.	DECEMBER	25	मल्हार :-8- नए मेहमान 9- आदमी का अनुपात लेखन - संवाद लेखन	विद्यार्थी पाठ को पढ़कर उसका मुख्य विचार समझ सकेंगे। अपने विचारों को स्पष्ट और सही भाषा में व्यक्त कर सकेंगे। मनुष्य के गुणों और व्यवहार को पहचान सकेंगे। पाठ में दिए गए विचारों को अपने जीवन से जोड़ सकेंगे तथा स्पष्ट और प्रभावी ढंग से व्यक्त कर सकेंगे। विद्यार्थी संवाद के स्वरूप और शैली को समझ सकेंगे। किसी घटना या परिस्थिति के अनुसार सरल, स्पष्ट और शुद्ध भाषा का प्रभावी प्रयोग करके संवाद लिख सकेंगे।	पठन-बोध कौशल, शब्दावली विकास, आलोचनात्मक चिंतन, संप्रेषण कौशल, अभिव्यक्ति कौशल का विकास। पठन-बोध कौशल, आलोचनात्मक चिंतन, शब्दावली विकास, विश्लेषणात्मक कौशल, संप्रेषण कौशल। रचनात्मक लेखन कौशल, संप्रेषण कौशल, तार्किक अभिव्यक्ति एवं भाषा शुद्धता	वाचन गतिविधि- विद्यार्थियों से पाठ का भावपूर्ण वाचन करवाना। समूह चर्चा- अतिथि सत्कार और सहयोग के महत्व पर चर्चा कराना। भूमिका अभिनय- कहानी के पात्रों का अभिनय करवाना। प्रश्नोत्तरी प्रतियोगिता- पाठ से संबंधित प्रश्न पूछना। वाचन गतिविधि- विद्यार्थियों से पाठ का भावपूर्ण वाचन करवाना। समूह चर्चा- मनुष्य के अच्छे गुणों और व्यवहार के महत्व पर चर्चा कराना। प्रश्नोत्तरी प्रतियोगिता- पाठ से संबंधित प्रश्न पूछना। कक्षा में मौखिक संवाद प्रस्तुत करेंगे तथा दिए गए विषय पर नोटबुक में संवाद लेखन कार्य करवाना।

9.	JANUARY	20	मल्हार :-10- तरुण के स्वप्न व्याकरण - स्वर संधि लेखन- अनुच्छेद लेखन	पाठ का मुख्य भाव तथा विचारों जैसे स्वतंत्रता, समानता और राष्ट्र-निर्माण को समझेगे। अपने स्वप्नों और लक्ष्यों को व्यक्त कर पाठ से जुड़े मूल्यों को अपने जीवन से जोड़ पाएँगे। स्वर संधि की परिभाषा एवं समझ सकेंगे। शब्दों में स्वर संधि का निर्माण और विच्छेद कर सकेंगे। विद्यार्थी किसी विषय पर अपने विचारों को स्पष्ट भाषा, वर्तनी और विराम चिह्नों को सही व क्रमबद्ध तरीके से लिखना सीखेंगे।	देशभक्ति, समानता, सहयोग, जिम्मेदारी, आलोचनात्मक सोच, रचनात्मक अभिव्यक्ति, संवाद कौशल, मूल्य आधारित समझ व्याकरण का सही प्रयोग, शब्द निर्माण कौशल, भाषा की शुद्धता, तार्किक सोच विकसित होना। रचनात्मक लेखन कौशल, आलोचनात्मक सोच क्षमता, शब्दावली भंडार, विचारों की तार्किक अभिव्यक्ति तथा भाषा की शुद्धता विकसित करना।	समूह चर्चा- 'मेरे सपनों का भारत' विषय पर चर्चा कराना। प्रश्नोत्तरी प्रतियोगिता- पाठ से संबंधित प्रश्न पूछना तथा प्रत्येक छात्र अपना जीवन लक्ष्य लिखेंगे। शब्द निर्माण गतिविधि- दो शब्द देकर विद्यार्थियों से स्वर संधि बनवाना। भाषा खेल- सही संधि पहचानने की प्रतियोगिता। स्वर संधि के उदाहरण लिखवाना। समूह में विचार-विमर्श करके लिखने की गतिविधि। दिए गए विषय के अनुसार अनुच्छेद लेखन कार्य करवाना।
10.	FEBRUARY	23	पुनरावर्तन कार्य	विद्यार्थी पढ़ाए गए पाठों एवं व्याकरण को समझ कर परीक्षा में लिखने का आत्मविश्वास विकसित कर सकेंगे।	पठन-बोध कौशल, लेखन कौशल, स्मरण शक्ति का विकास, विश्लेषणात्मक कौशल, भाषा की शुद्धता।	अभ्यास कार्य- मांडल प्रश्नपत्र हल करवाना एवं सामाहिक चर्चा करवाना। प्रश्नोत्तरी गतिविधि- पढ़ाए गए पाठों पर क्विज प्रतियोगिता।
11.	MARCH	10	वार्षिक परीक्षा	वार्षिक परीक्षा	वार्षिक परीक्षा	वार्षिक परीक्षा

Name of the Teacher : MAYAKUMARI SHARMA



TAPOVAN INTERNATIONAL SCHOOL

YEARLY SYLLABUS 2026-27

SUBJECT: GUJARATI

Class:VIII

Sr. No.	Month	No.of Working Days	No. & Name of the Chapter / Sub topics	Learning Outcomes	Skill / Competency focused	Pedagogical Strategies with integration of Art/Sports/Value Education.
1	APRIL	23	સ્વર, વ્યંજન, બારખડી ૧. પર્વત તારા	સ્વર, વ્યંજન, બારખડીનું ઉચ્ચારણ કરતા શીખે. બાળકો કુદરતી અંશોની સાચી સમજ મેળવશે. ઉચ્ચારણ વિષયક સજ્જતા: ‘સ’ અને ‘શ’	વાંચન કૌશલ્ય, લેખન કૌશલ્યનો વિકાસ, ભાવાત્મક વિકાસ, કલ્પનાશક્તિનો વિકાસ.	વિદ્યાર્થીઓ સ્વર, વ્યંજન, અને બારખડીનું ઉચ્ચારણ કરે. બાળકો કુદરતી અંશો વિશે ગહન ચર્ચા કરે. પ્રકૃતિ પ્રત્યે પ્રેમ વધશે. બાળકો સ અને શ વાળા શબ્દોનું ઉચ્ચારણ કરે.
2.	JUNE	23	૨. વાર્તા રે વાર્તા	બાળકો સમજે કે સાચા દિલથી પસ્તાવો કરવાથી માફી મળે જ છે. પશુ-પક્ષીઓના સ્વભાવ અને વાર્તાનો સાર સમજશે.	વાંચન કૌશલ્ય, લેખન કૌશલ્યનો વિકાસ, ભાવાત્મક વિકાસ, કલ્પનાશક્તિનો વિકાસ. સ્વવિશ્વાસ અને હિમ્મત.	બાળકો પાઠ આધારીત અન્ય વાર્તાઓ વર્ગખંડમાં સંભળાવે. બાળકો વર્ગખંડમાં પક્ષીઓ વિશે વિશેષ માહિતી મેળવી ચર્ચા કરે.
3.	JULY	26	૨. વાર્તા રે વાર્તા 3. ચોમાસામાં સૃષ્ટિસૌંદર્ય	સંજ્ઞા અને તેના વિવિધ પ્રકારોનું જ્ઞાન. નામપદ વિશે સમજ. વર્ષાઋતુનું મહત્વ સમજશે. ચોમાસામાં પ્રકૃતિમાં થતા ફેરફારો સમજશે.	વાંચન કૌશલ્ય, લેખન કૌશલ્ય, વિચારશક્તિ, ચર્ચા કરવાની ક્ષમતા વાંચન કૌશલ્ય, લેખન કૌશલ્યનો વિકાસ, ભાવાત્મક વિકાસ, અવલોકન કૌશલ્યનો વિકાસ.	વિદ્યાર્થીઓ સંજ્ઞા વિશેના ઉદાહરણો સમજીને વર્ગખંડમાં રજૂ કરશે અને વાક્યો બનાવશે. વિદ્યાર્થીઓ નામપદ વિશેના ઉદાહરણો સમજીને વર્ગખંડમાં રજૂ કરશે. બાળકો ‘ચોમાસામાં સૃષ્ટિસૌંદર્ય’ વિશે વાંચી વર્ષાઋતુનું ચિત્ર બનાવી તેના વિશે

				પાઠમા આવેલા પ્રકૃતિના સૌંદર્યને ઓળખી શકશે.		સાત-આઠ વાક્યો લખશે.
4.	AUGUST	22	3. ચોમાસામાં સૃષ્ટિસૌંદર્ય ૪. દ્રષ્ટિ પારની સૃષ્ટિ પુનરાવર્તન	વિશેષણ અને ક્રિયાવિશેષણ વિશેના ઉદાહરણો સમજશે. અંતરિક્ષ અને ગ્રહો વિશે જ્ઞાન મેળવશે.	વાંચન કૌશલ્ય, લેખન કૌશલ્યનો વિકાસ, વિચારશક્તિ, ચર્ચા કરવાની ક્ષમતા.	વિદ્યાર્થીઓ વિશેષણ અને ક્રિયાવિશેષણ વિશેના ઉદાહરણો સમજીને વર્ગખંડમાં રજૂ કરશે. વિદ્યાર્થીઓ અંતરિક્ષ અને ગ્રહો વિશે માહિતી આપી ગહન ચર્ચા કરે.
5.	SEPTEMBER	20	૪. દ્રષ્ટિ પારની સૃષ્ટિ પુનરાવર્તન	પાઠનો મુખ્ય અર્થ સમજી શકે. નવા શબ્દો અને તેમના અર્થ ઓળખી શકે. પુનરાવર્તન સમજીને કરશે.	વાંચન કૌશલ્ય, લેખન કૌશલ્યનો વિકાસ, અને બોલવાનું કૌશલ્ય. ચર્ચા કરવાની ક્ષમતા	સૂર્યમંડળનું ચિત્ર બનાવી અલગ-અલગ ગ્રહો વિશે બોલશે તેમજ તેની ચર્ચા કરશે. બાળકો વાંચન પદ્ધતિ, ચર્ચા પદ્ધતિ તેમજ પ્રશ્નોત્તરી પદ્ધતિ દ્વારા પુનરાવર્તન કરશે.
6.	OCTOBER	24	૪. દ્રષ્ટિ પારની સૃષ્ટિ	પાઠનો મુખ્ય સંદેશ સમજશે. સાચી જોડણી, વિરામચિહ્નો વિશેની સમજ મેળવે.	વાંચન કૌશલ્ય, લેખન કૌશલ્યનો વિકાસ, અને બોલવાનું કૌશલ્ય. ભાષા સમજવાની ક્ષમતા, સંવાદ કૌશલ્યનો વિકાસ.	વિદ્યાર્થીઓ અધરા શબ્દોના અર્થ સમજે અને વાક્ય પ્રયોગ કરે. વિદ્યાર્થીઓ વિરામચિહ્નોના ઉદાહરણો વર્ગખંડમાં રજૂ કરે.
7.	NOVEMBER	13	પ.જય જય ગરવી ગુજરાત	ગુજરાતનાં ગૌરવ અને સંસ્કૃતિ વિશે માહિતી મેળવી શકે.	વાંચન કૌશલ્ય, શ્રવણ કૌશલ્ય, સર્જનાત્મક અભિવ્યક્તિ. વકૃત્વ કૌશલ્ય.	વિદ્યાર્થીઓ ગુજરાતનાં વિવિધ તીર્થસ્થાનો અને નદીઓ વિશે માહિતી આપી ગહન ચર્ચા કરે.
8.	DECEMBER	25	પ.જય જય ગરવી ગુજરાત ૮.રામ રાખે તેમ રહીએ	કાવ્યનું સચોટ વાંચન અને તેનો ભાવ સમજી શકે. ગુજરાતનું મહત્વ સમજે. ભગવાન જે પરિસ્થિતિમાં રાખે તેમાં પ્રેમથી રહેવું તેની સમજ.	વાંચન કૌશલ્ય, લેખન કૌશલ્યનો વિકાસ, અને બોલવાનું કૌશલ્ય. ભાષા સમજવાની ક્ષમતા, સર્જનાત્મક અભિવ્યક્તિ. વકૃત્વ કૌશલ્ય.	બાળકો ગુજરાતનાં કોઈ એક તીર્થસ્થાનનું ચિત્ર ચોંટાડી અથવા બનાવી તેના વિશે લખશે અને ચર્ચા કરશે. વિદ્યાર્થીઓ મીરાબાઈના જીવન વિશે ચર્ચા કરે અને પાંચ-છ વાક્યો બોલે.

9.	JANUARY	20	૯. નામનો મોહ છૂટ્યો	પાઠમા આવેલ મુખ્ય વિચાર અને સંદેશ ઓળખી શકશે. પોતાના શબ્દોમાં પાઠનું સંક્ષિપ્ત વર્ણન કરી શકશે.	વાંચન કૌશલ્ય, લેખન કૌશલ્ય અને બોલવાનું કૌશલ્ય. ભાષા સમજવાની ક્ષમતા વધે.	બાળકો ભગવાન બુદ્ધ વિશે પાંચ-છ વાક્યો બોલશે. નામનો મોહ ના રાખવો જોઈએ. નામની સાચી સિદ્ધિ કામમાં રહી છે. તે બાત સમજશે. તેના વિશે ગહન ચર્ચા કરશે.
10.	FEBRUARY	23	૯. નામનો મોહ છૂટ્યો	એક અને જૂથવાળા શબ્દોની સમજ મેળવે. પુનરાવર્તન	વાંચન કૌશલ્ય, લેખન કૌશલ્ય, અભિવ્યક્તિ કૌશલ્યનો વિકાસ.	બાળકો એક અને જૂથવાળા શબ્દોની ચર્ચા કરશે. બાળકો વાંચન પદ્ધતિ, ચર્ચા પદ્ધતિ તેમજ પ્રશ્નોત્તરી પદ્ધતિ દ્વારા પુનરાવર્તન કરશે.
11.	MARCH	10				



TAPOVAN INTERNATIONAL SCHOOL

YEARLY SYLLABUS 2026-27

SUBJECT: SANSKRIT

Class: VIII

Sr. No.	Month	No. of Working Days	No. & Name of the Chapter / Sub topics	Learning Outcomes	Skill / Competency focused	Pedagogical Strategies with integration of Art/Sports/Value Education.
1	APRIL	23	क्रियापदानि सर्वनामप्रयोगः	एकवचनम्, द्विवचनम्, बहुवचनम्	छात्र कक्षा में ऐसे दुसरे क्रियापदानि के बारे में चर्चा करे।	छात्र कक्षा में ऐसे दुसरे क्रियापदानि के बारे में वाक्य लिखे।
2.	JUNE	23	1 <u>संगच्छध्व</u> संवदध्वम्	सामूहिक कार्य करने की रुचि विकसित होगी ।	समूह चर्चा में भाग ले सकेंगे ।	नए शब्दों का दैनिक जीवन में प्रयोग करने का प्रयास करेंगे ।
3.	JULY	26	2 अल्पानामपि वस्तूनां संहतिः कार्यसाधिका	सरल संस्कृत वाक्य बना सकेंगे ।	छोटे प्रयास मिलकर बड़ा परिणाम देते हैं ।	छात्र कक्षा में ऐसे दुसरे श्लोक का भावार्थ समझाएंगे ।
4.	AUGUST	22	3 सुभाषितरसं पीत्वा जीवनं सफलं कुरु	सुभाषितानि	लेखन कौशल बोलने की क्षमता	छात्र कक्षा में ऐसे दुसरे सुभाषितानि के बारे में चर्चा करे।
5.	SEPTEMBER	20	अस्माभिः अधीतम्	पर्व में कराए गए कार्यों का दोहन ।	मूल्यांकन एवं विश्लेषणात्मक शक्ति।	परीक्षा हेतु पुनरावृत्ति एवं अभ्यास कार्य ।
6.	OCTOBER	24	4 प्रणम्यो देशभक्तोडय गोपबन्धुर्महामनाः	राष्ट्र भक्ति	पठन कौशल शब्दावली	छात्र कक्षा में ऐसे दुसरे समाज सुधारकों के बारे में चर्चा करे।
7.	NOVEMBER	13	संख्यावाचकशब्दाः	संख्यावाचकशब्दाः संख्याज्ञान	छात्र संख्या को याद करे ।	छात्र संख्यावाचकशब्दाः का चार्ट तैयार करे।

8.	DECEMBER	25	5 गीता सुगीता कर्तव्या	आत्मविषयक ज्ञान	श्लोक का पठन	छात्र कक्षा में ऐसे दुसरे श्लोक के बारे में चर्चा करे।
9.	JANUARY	20	6 डिजिभारतम युगपरिवर्तनम	डिजिटल तकनीकी जाने	संवाद शैली	छात्र कक्षा में ऐसे दुसरे डिजिटल यंत्रो के बारे में चर्चा करे।
10.	FEBRUARY	23	अस्माभिः अधीतम	संपूर्ण पाठ्यक्रम की पुनरावृत्ति।	समग्र मूल्यांकन ।	समस्या समाधान
11.	MARCH	10				



TAPOVAN INTERNATIONAL SCHOOL

YEARLY SYLLABUS 2026-27

SUBJECT: Artificial Intelligence

Class: VIII

Sr. No.	Month	No. of Working Days	No. & Name of the Chapter / Sub topics	Learning Outcomes	Skill / Competency focused	Pedagogical Strategies with integration of Art/ Sports/ Value Education.
1	APRIL	23	Ch-1 Networking Concepts ➤ About Networking ➤ Advantages of Networking ➤ Disadvantages of Networking ➤ Networking Components ➤ Types of Networks ➤ Network Architecture ➤ Network Topologies ➤ Network Protocols	• Understand the basic concept of computer networking. • Identify the advantages and disadvantages of networking. • Recognize basic networking components. • Differentiate between types of networks (LAN, MAN, WAN). • Explain network architecture. • Identify different network topologies. • Understand the role of network protocols.	○ Identify and classify different types of computer networks. ○ Recognize and explain the functions of basic networking components. ○ Compare and differentiate various network architectures and topologies. ○ Apply knowledge of network protocols in simple communication examples. ○ Demonstrate awareness of basic	• Group Activity (Sports Integration): Students form a network by passing a ball or message to demonstrate different network topologies like star or ring. • Poster Making (Art Integration): Students create posters or charts showing types of networks, networking components, and topologies. • Role Play / Simulation: Students act as server, client, router, and switch to understand how data moves in a network. • Class Discussion: Discuss advantages, disadvantages, and uses of networking. • Value Education: Emphasize responsible internet use, data safety, and respecting others'

			➤ Network Security	• Explain the importance of network security.	network security practices.	privacy while using networks.
2.	JUNE	23	Ch-2 MS Access: An Introduction ➤ Understanding Database & DBMS ➤ Real Life Applications of Database ➤ Introduction to MS Access & Data Types ➤ Creating a Database ➤ Views of a Table ➤ Creating a Table ➤ Primary Key ➤ Working on a Table ➤ Working with Database ➤ Searching Data ➤ Sorting Data ➤ Filtering Data ➤ Exiting Access	• Understand the concept of Database and DBMS. • Identify real-life applications of databases. • Recognize MS Access and different data types. • Create a database and tables in MS Access. • Understand table views and the role of a primary key. • Enter and manage data in a table. • Search, sort, and filter data in a database. • Open, save, and exit MS Access properly.	○ Identify and explain the concept of databases and their real-life applications. ○ Create and manage a database and tables in MS Access. ○ Select appropriate data types while designing a table. ○ Apply primary key concept to organize and uniquely identify records. ○ Enter, edit, and manage data in database tables. ○ Use search, sort, and filter tools to retrieve required information from a database.	• Activity-Based Learning: Students create a simple database (e.g., student or library record) to understand database creation and table design. • Art Integration: Students design a colourful chart or diagram showing the structure of a database (table, fields, records, and primary key). • Sports Integration: Create a sports player database (name, team, score, age) and practice sorting and filtering data based on performance. • Group Activity: Students work in groups to enter, search, and organize data, promoting collaboration and problem solving. • Value Education: Discuss the importance of maintaining accurate data, responsibility in handling information, and respecting data privacy.

3.	JULY	26	Ch-3 Computer Virus ➤ Introduction to Computer Virus ➤ Types of Virus ➤ Virus Symptoms ➤ Spread of Virus ➤ Steps to prevent Virus ➤ Antivirus ➤ Importance of Regular Updates	• Define a computer virus and its harmful effects. • Identify common types of viruses. • Recognize symptoms of virus infection. • Explain how viruses spread. • Apply simple preventive measures. • Understand the use of antivirus software. • Explain the importance of regular updates and safe digital practices.	○ Digital Awareness: Identify virus threats and unsafe online practices. ○ Analytical Skill: Recognize symptoms and detect possible virus infection. ○ Problem-Solving Skill: Suggest solutions to prevent and handle virus attacks. ○ Application Skill: Practice safe use of internet, email, and external devices. ○ Technical Skill: Perform basic antivirus functions (scan, detect, protect – concept level). ○ Decision-Making Skill: Choose safe actions while downloading files or opening links. ○ Cyber Safety Responsibility: Follow and promote safe and ethical digital behaviour.	• Activity-Based Learning: (Art Integration) Make posters on “Cyber Safety” and virus prevention. • Role Play / Skit: (Value Education) Students act as “Virus,” “Antivirus,” and “User” to show how infections spread and can be prevented. • Group Discussion: Talk about safe vs unsafe internet practices. • Sports Integration Activity: Organize a relay game where passing an object represents virus spread. • Introduce “rules” (like antivirus) to stop the spread → connects concept with physical activity. • Case-Based Learning: Give simple scenarios (e.g., unknown email attachment). • Students suggest preventive measures → develops decision-making skills. • ICT-Based Learning: Show short videos or animations on virus types and prevention. • Project Work: Create a “Cyber Safety Guide” booklet. • Art + Value Integration: Encourage creativity and responsible digital citizenship.
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			Ch-5 AI-Social Impact ➤ Applications of AI in Various Sectors ➤ AI-Driven Future: Opportunities and Skills Required	- Identify applications of AI in different sectors (healthcare, education, transport, etc.). - Explain how AI is used in daily life. - Understand the impact of AI on society (positive and negative). - Describe future opportunities created by AI. - Recognize basic skills required for an AI-driven future (creativity, problem-solving, digital skills). - Develop awareness of responsible and ethical use of AI.	Digital Literacy: Understand and identify AI applications in daily life. Analytical Thinking: Analyze the impact of AI on different sectors. Problem-Solving Skill: Suggest how AI can be used to solve real-life problems. Future Readiness: Recognize skills needed for an AI-driven world (creativity, critical thinking, digital skills). Decision-Making Skill: Evaluate benefits and risks of AI use. Ethical Awareness: Practice responsible and safe use of AI technologies.	Activity (Art): Draw/poster on “AI in Daily Life” or “Future with AI.” Role Play (Value): Students act as AI tools (robot, chatbot) to show benefits and responsible use. Discussion: Talk about positive and negative impacts of AI on society. Case Study: Real-life situations where AI helps (healthcare, transport, etc.). Sports Integration: Use a game strategy example (AI in sports decisions/performance analysis). Project Work (Art + Value): Create a chart/booklet on “AI Applications and Future Skills.” Debate (Value): “Is AI helpful or harmful?” to build ethical understanding.
4.	AUGUST	22	Ch-4 Exploring Synfig ➤ Introduction to Layers ➤ Changing the Order of Layers	- Understand the concept of layers in Synfig. - Arrange and change the order of layers.	Technical Skill: Use layer features (add, arrange, hide/show, lock, delete) effectively. Creative Skill: Design simple animations using multiple layers.	Activity (Art): Create simple animations (e.g., moving ball, bouncing object) using layers. Demonstration: Teacher shows layer functions (arrange, hide/show, lock, delete).

			➤ Hide & Show a Layer ➤ Lock a Layer ➤ Delete a Layer ➤ Animation With Multiple Layers ➤ Onion Skin	• Use options to hide/show, lock, and delete layers. • Create simple animations using multiple layers. • Understand and use onion skin for smooth animation. • Develop basic animation and creativity skills.	○ Analytical Skill: Understand layer order and its effect on the final output. ○ Application Skill: Apply onion skin technique for smooth animation. ○ Problem-Solving Skill: Fix issues related to layering in animations. ○ Digital Creativity: Express ideas through basic animation projects.	• Hands-on Practice: Students experiment with multiple layers and onion skin. • Group Work: Create a short animated scene collaboratively. • Sports Integration: Animate sports actions (running, jumping) to connect concepts. • Value Education: Encourage patience, creativity, and teamwork during animation tasks. • Project Work (Art + Value): Design a small animated story using layers.
5.	SEPTEMBER	20	Ch-6 Loops coding in Python ➤ Concept of Loops ➤ Iterative Statements ➤ while Loop ➤ for loop	• Understand the concept of loops in programming. • Identify and use iterative statements. • Write simple programs using while loop and for loop. • Differentiate between while and for loops.	○ Computational Thinking: Understand repetition and logic behind loops. ○ Coding Skill: Write simple programs using for and while loops. ○ Analytical Skill: Differentiate between types of loops and their uses. ○ Problem-Solving Skill: Use loops to solve basic problems (patterns, calculations). ○ Debugging Skill: Identify and fix errors like infinite loops.	• Activity (Art): Create patterns (numbers/shapes) using loops in coding. • Demonstration: Teacher explains for and while loops with simple examples. • Hands-on Practice: Students write small programs using loops. • Group Activity: Solve coding problems collaboratively. • Sports Integration: Use repeated actions (e.g., counting jumps/runs) to explain loops. • Value Education: Encourage patience, logical

			➤ Infinite Loop ➤ Loop...else	• Recognize and avoid infinite loops. • Understand and use loop...else in simple programs. • Develop basic logical thinking and coding skills.	○ Application Skill: Apply loop...else in simple coding situations. ○ Logical Reasoning: Develop step-by-step thinking for program execution.	thinking, and persistence in coding. • Project Work (Art + Value): Design a simple program (pattern/animation) using loops.
6.	OCTOBER	24	Ch-8 Web Development: Lists and Tables ➤ Ordered List ➤ Unordered List ➤ Description/Definition List ➤ Nested Lists ➤ List Properties ➤ Creating Tables ➤ Table Properties	• Understand different types of lists in HTML (ordered, unordered, description). • Create and use nested lists. • Apply basic list properties. • Create simple tables in HTML. • Use basic table properties (rows, columns, borders, etc.). • Organize information clearly using lists and tables. • Develop basic web designing skills.	○ Technical Skill: Create and format lists and tables in HTML. ○ Digital Design Skill: Organize content clearly using lists and tables. ○ Application Skill: Use nested lists and table properties effectively. ○ Analytical Skill: Choose the correct type of list or table for data. ○ Problem-Solving Skill: Correct errors in HTML structure. ○ Creativity: Design simple and neat web pages. ○ Attention to Detail: Maintain proper structure and formatting in code.	• Activity (Art): Design a simple web page with colorful lists and tables. • Demonstration: Teacher shows how to create lists and tables in HTML. • Hands-on Practice: Students create their own lists and tables. • Group Work: Design a webpage (e.g., timetable/menu) collaboratively. • Sports Integration: Create a table for sports scores or player details. • Value Education: Promote neatness, teamwork, and organized presentation of information. • Project Work (Art + Value): Develop a simple webpage using lists and tables.

7.	NOVEMBER	13	Ch-7 Data Science ➤ About Data ➤ Big Data ➤ Real-World Examples of Data ➤ Introduction to Data Science ➤ Need for Data Science ➤ Careers in Data Science ➤ Benefits of Data Science ➤ Uses of Data Science	• Understand the concept of data and its types. • Explain big data in simple terms. • Identify real-world examples of data in daily life. • Describe the basics of data science. • Explain the need and importance of data science. • Identify basic career options in data science. • Understand the benefits and uses of data science. • Develop awareness of how data is used for decision-making.	○ Data Literacy: Understand and identify different types of data in daily life. ○ Analytical Skill: Interpret simple data and draw basic conclusions. ○ Application Skill: Relate data science concepts to real-world situations. ○ Critical Thinking: Understand the importance and use of data for decision-making. ○ Awareness of Careers: Recognize basic career options in data science. ○ Problem-Solving Skill: Suggest how data can be used to solve simple problems. ○ Digital Awareness: Understand responsible use of data.	• Activity (Art Integration): Students collect simple data (e.g., favourite subject, hobbies) and present it using charts, graphs, or posters. • Demonstration Method: Teacher demonstrates how to collect, organize, and represent data using simple tools (tables, bar graphs). • Hands-on Learning: Collect class data (e.g., favourite food) and analyse it. • Group Work / Collaborative Learning: In groups, students interpret given data sets and present their findings. • Sports Integration: Use examples like cricket scores, player performance, or match statistics to explain data analysis in an interesting and relatable way. • Project Work (Art + Value Integration): Will prepare a mini project/report on real-life data (survey-based).
8.	DECEMBER	25	Ch-9 Advanced Web Development ➤ Inserting Images ➤ Inserting Hyperlinks	• Insert images in a web page. • Create and use hyperlinks.	○ Technical Skill: Insert images, links, audio, video, and forms in HTML. ○ Web Design Skill: Create simple and interactive web pages.	• Activity (Art Integration): Design a simple web page by adding images, audio, and video. • Demonstration Method: How to insert hyperlinks, multimedia, and forms.

			➤ Links Properties ➤ Inserting Audio & Video ➤ Creating Forms	• Apply basic link properties. • Add audio and video to web pages. • Create simple forms in HTML. • Develop basic interactive web pages.	○ Application Skill: Use link properties and multimedia elements effectively. ○ Analytical Skill: Choose appropriate elements (image, link, form) for content. ○ Problem-Solving Skill: Identify and correct errors in HTML code. ○ Creativity: Design attractive and user-friendly web pages. ○ Attention to Detail: Maintain proper structure and formatting in web development.	• Hands-on Practice: Create their own interactive web pages using links and forms. • Group Work / Collaborative Learning: Students design a mini website (e.g., school page). • Value Education: Emphasize ethical use of content, respecting copyright. • Project Work (Art + Value Integration): Develop a complete web page project using multimedia and forms, promoting creativity and responsibility. • ICT-Based Learning: Use online examples to explore real websites.
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9.	JANUARY	20	Ch-10 Cyber Ethics and Security ➤ Advantages of Internet ➤ Disadvantages of Internet ➤ Computer Ethics ➤ Plagiarism ➤ Cyberbullying ➤ Cyber Trafficking ➤ Phishing & Hacking ➤ Spamming ➤ Right to Privacy ➤ Software Privacy ➤ Cybercrime ➤ Safety Measures while using Computer or the Internet ➤ Digital Footprint	• Identify advantages and disadvantages of the internet. • Understand the importance of computer ethics. • Explain concepts like plagiarism, cyberbullying, phishing, hacking, and spamming. • Recognize different types of cybercrime. • Understand the concept of privacy and digital footprint. • Explain software and personal data protection. • Apply safety measures while using computers and the internet. • Develop responsible and ethical digital behaviour.	○ Digital Literacy: Understand safe and responsible use of the internet. ○ Critical Thinking: Identify risks like phishing, hacking, and cyberbullying. ○ Decision-Making Skill: Choose safe actions while browsing or sharing information. ○ Problem-Solving Skill: Suggest ways to prevent and handle cyber threats. ○ Ethical Awareness: Follow computer ethics and avoid plagiarism. ○ Cyber Safety Skill: Apply safety measures to protect data and privacy. ○ Responsibility & Values: Practice respectful and responsible online behaviour.	• Activity (Art Integration): Students create posters/comics on topics like cyber safety, anti-bullying, and safe internet use. • Role Play / Skit (Value Education): Enact situations on cyberbullying, phishing, or plagiarism to understand consequences and ethical behaviour. • Group Discussion: Discuss advantages and disadvantages of the internet and real-life cyber issues to build awareness. • Case-Based Learning: Analyse simple scenarios (e.g., suspicious email, fake website) and suggest safe actions. • Sports Integration: Use team games to highlight rules, fairness, and discipline. • ICT-Based Learning: Show short videos/examples of cybercrimes and safety measures. • Value Education: Emphasize respect, honesty, privacy, and responsible digital citizenship.
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10.	FEBRUARY	23	Ch-11 Social Networking and E-Commerce ➤ About Social Media ➤ Popular Social Media Tools and Platforms ➤ Digital India ➤ E-Commerce ➤ Blogging ➤ Podcasting ➤ Web Feed ➤ E-Banking ➤ E-Ticketing	• Understand the concept of social media and its uses. • Identify popular social media platforms and tools. • Explain the idea of Digital India. • Understand the concept and uses of e-commerce. • Describe blogging, podcasting, and web feeds. • Explain services like e-banking and e-ticketing. • Identify benefits and risks of online platforms. • Develop awareness of safe and responsible online behaviour.	○ Digital Literacy: Understand use of social media, e-commerce, and online services. ○ Application Skill: Use platforms like blogging, e-banking, and e-ticketing (concept level). ○ Analytical Skill: Identify benefits and risks of online platforms. ○ Decision-Making Skill: Choose safe and responsible actions while using social media. ○ Communication Skill: Express ideas through blogging or digital content. ○ Financial Awareness: Understand basics of online transactions and e-banking. ○ Ethical Awareness: Practice safe, respectful, and responsible online behaviour.	• Activity (Art Integration): Students design posters or digital content on safe social media use or online shopping. • Role Play / Skit (Value Education): Enact situations like online shopping, blogging, or social media use to understand benefits and responsible behaviour. • Group Discussion: Discuss advantages, risks, and real-life uses of social media and e-commerce. • Hands-on Activity: Demonstrate basic concepts of blogging or e-ticketing. • Sports Integration: Create examples like online ticket booking for sports events. • Project Work (Art + Value Integration): Prepare a mini blog or presentation on Digital India or e-commerce. • Case-Based Learning: Analyse simple scenarios related to online transactions or social media safety.
11.	MARCH	10				