

[illegible]

“EDUCATION IS THE KEY THAT UNLOCKS THE DOOR TO
ENDLESS POSSIBILITIES, TURNING ASPIRATIONS INTO
ACCOMPLISHMENTS AND CURIOSITY INTO WISDOM. IT
EMPOWERS STUDENTS TO SHAPE THEIR FUTURE AND
CREATE A MEANINGFUL IMPACT IN THE WORLD.”

ACADEMIC ITINERARY

CONTENT	PAGE NO.
THE CORE PURPOSE AND OBJECTIVE	1
ENRICHMENT OPPORTUNITIES	2
STUDENT DEVELOPMENT ENDEAVORS	3
INQUISITES	4
RECOMMENDED TEXTBOOKS	5
ANNUAL SYLLABUS	
ENGLISH	6-8
ECONOMICS	8-10
PSYCHOLOGY	11-12
POLITICAL SCIENCE	12-13
HISTORY	14-15
MATHEMATICS	16-18
COMPUTER SCIENCE	19-20
PHYSICAL EDUCATION	21-24
HINDI	24-26
ACADEMIC CALENDAR	27-28
HOLIDAYS LIST	29

THE CORE PURPOSE AND OBJECTIVE

The Academic and Integrated Curriculum Guide is meticulously aligned with the **National Education Policy (NEP) 2020** and the **National Curriculum Framework (NCF)**, ensuring a systematic and effective learning process. This guide establishes a structured framework to aid in academic planning, empowering both students and teachers to organize daily, weekly, and monthly tasks with efficiency.

Emphasizing competency-based, skill-oriented, and multidisciplinary education, it transcends rote learning by prioritizing experiential and application-based approaches, which include planned **Subject Enrichment Activities (SEA)** and **Experiential Learning Acquisition (ELA)**. These activities are purposefully integrated to enhance practical understanding, foster hands-on learning, and deepen conceptual clarity.

The guide fosters flexibility in learning, encourages holistic development, incorporates technological advancements, and promotes inclusive education, all while nurturing critical thinking and intellectual growth. By embedding SEA and ELA within the curriculum, it aims to cultivate both theoretical knowledge and practical skills.

Through enhanced student engagement and continuous feedback, the guide fosters analytical reasoning, problem-solving, and lifelong learning. The month-wise chapter plan ensures effective curriculum implementation, preparing students for future academic and professional success.

ENRICHMENT OPPORTUNITIES WITHIN THE CURRICULUM

Within our curriculum, Students will find an array of enriching opportunities carefully woven into their learning experiences, designed to ignite curiosity, foster creativity, and cultivate a passion for lifelong learning. From immersive project-based learning adventures to dynamic co-curricular activities, this planner is aimed to provide students with a well-rounded education that extends beyond the confines of traditional classroom walls. It indulges:

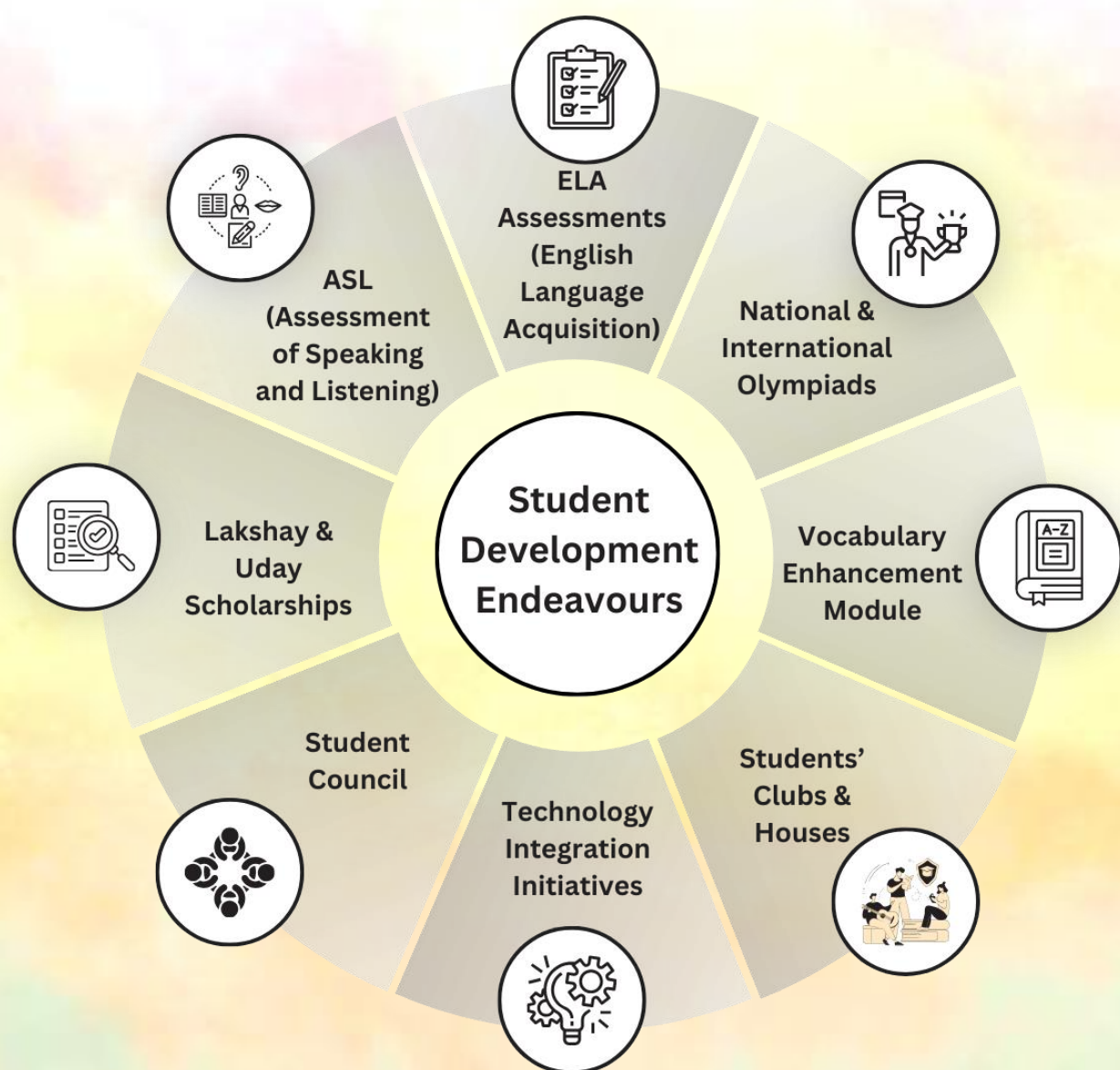
- **Project-based learning** activities and experiences that encourage inquiry, collaboration and creativity.
- **Integration of technology** tools and resources to enhance learning and prepare students for the digital age.
- **Outdoors and hands-on learning** experiences that bring real-world relevance to classroom instruction.
- **Curricular and Co-curricular activities** as per Holistic Curriculum Framework such as clubs & houses, competitions and community service projects that foster leadership, teamwork, and personal growth.



CULTIVATING WELL-ROUNDEDNESS:

Multi-faceted Student Development Endeavors

At SDHPS, We prioritize maintaining high standards of excellence in all aspects of our educational programs that offers a variety of enrichment activities to complement students' learning experiences and foster their holistic development.



INQUISITES

The student should be prepared for the scheduled inspections every day

Regularity & Punctuality

1



2

School Bag

Personal Hygiene

3



4

Speaking Skills

Homework

5



6

Behaviour

Personality

7



8

Concepts & Feedback

SCHOOL RECOMMENDED TEXTBOOKS CLASS- XI



Sr. No.	SUBJECT	BOOKS
1	ENGLISH	HORNBILL – Main Course (NCERT) SNAPSHOT– Supp. Reader (NCERT)
2	HISTORY	THEMES IN WORLD HISTORY(NCERT)
3	ECONOMICS	T.R. JAIN (V K GLOBAL)
4	POLITICAL SCIENCE	INDIAN CONSTITUTION AT WORK(NCERT) POLITICAL THEORY(NCERT)
5	MATHEMATICS	M.L. AGGARWAL (AVICHAL PUBLISHING) & NCERT
6	COMPUTER SCIENCE	COMPUTER SCIENCE WITH PYTHON (DHANPAT RAI & CO.)
7	PHYSICAL EDUCATION	ULTRA BRIGHT LEARNING (DEEPU PRAKASHAN)
8	HINDI	आरोह भाग - 1 (NCERT) वितान भाग - 1 (NCERT) अभिव्यक्ति और माध्यम
9	PSYCHOLOGY	PSYCHOLOGY

MONTH/ SUBJECT	ENGLISH LITERATURE (Code No. 301)
APRIL	Prose: 1. The Portrait of a Lady, Poetry: 1. A Photograph Writing Section: 1. Notice 2. Letter to Editor, 3. Determiners SEA: Figurative Language Worksheet with excerpts from poems, prose, or speeches, along with literary devices will be given. They will identify the correct device and explain it. ELA: Fusion Fiesta (Icebreaker Activity) Each student receives a card with a word, phrase. Creative questions will be asked. They will give their introduction. TLM: Worksheet with excerpts, rubrics for assessment Skills Developed: Develop cognitive, linguistic and creative skills
MAY	Prose: 2. We're Not Afraid to Die..If We Can All Be Together Poetry: 2. The Laburnum Top Supp. Reader: 1. The Summer of the beautiful white horse Writing Section: 5. Advertisement (classified, Display), 6. Letter on Placing an order , 7. Tenses SEA: From Ad to Interview Students will analyze a newspaper job advertisement, discuss it briefly, and role-play as interviewers and candidates. ELA: Inspiring Talks: Conquering Fear Students will share a personal experience of struggle and fear, explaining how encouragement helped them gradually overcome it and perform well. TLM: Wildlife conservation case studies, TED Talk clips, speechwriting guides. Skills Developed: Sensitize towards wildlife, imbibe values like optimism, cope up the challenges
JULY	Prose: 4. Discovering Tut: The Saga Continues Supp. Reader: 2. The Address Writing Section: 8. Poster, 9. Report 10. Business Letter, 11. Modals (Additional Topic) SEA: Breaking News: Creative Edition Each group receives a newspaper headline, prepares for one minute, and then presents a two-minute narrative based on it. ELA: Beyond the Pages Canterville Ghost by Oscar Wilde / Invisible Man by H.G.Wells Book Review on any one including: Title, Subtitle, Author, brief description of the plot, critical analysis, overall perspective and meaningful takeaway. TLM: Guided reading, flashcards, pledge cards Skills Developed: Enhance awareness, make learning holistic, language and communication skills

MONTH/ SUBJECT	ENGLISH LITERATURE (Code No. 301)
AUGUST	Poem: 3. The Voice of the Rain, 4. Childhood Writing Section & Grammar: 12. Article, 13. Job Application, 14. Complaint letter 15. Clauses(Additional Topic) SEA: Poetic Rhapsody on "Nature's Beauty"-A short talk about nature's role in poetry. Analyse the poem and understand its tone, rhythm and deeper meaning. Creative presentation on poetic devices. ELA: Disaster Management Drill- Students in groups will analyze a hypothetical critical scenario. Each group identifies fifteen relevant criteria and selects ten essential items to effectively address the situation, culminating in a class presentation. TLM: Poetry templates, recital platform., Case study. Skills Developed: Appreciate and admire the beauty of nature, foster a new understanding and respect for our planet Earth
SEPTEMBER	REVISION FOR FIRST TERM EXAMS
OCTOBER	Prose: 5. The Adventure Supp. Reader: 3. Mother's Day Writing Section & Grammar: 16. Speech 17. Active passive voice (Additional Topic), 18. Transformation of Sentences SEA: Parallel Realities: Illustrating 'The Adventure' Students will visualize and artistically represent the contrasts between the two worlds.They will create illustrations depicting scenes from both realities in the story. ELA: On Air: The Radio Show- Students will create a script for a radio program featuring a radio jockey, an interview with a famous personality, and engaging fillers. TLM: Flashcards with role assignments, interview question bank Skills Developed: Learn interviewing, analytical & observatory skills
NOVEMBER	Prose: 6. Silk Road Supp. Reader: 4. Birth Writing Section & Grammar: 19. Debate 20. Reported Speech (Additional Topic) SEA: Verbal Virtuosity Quiz- Students will be divided into groups to participate in four rounds covering Vocabulary, Figures of Speech, and one-word answer and MCQs. ELA: Urban Traffic Solutions- Students will analyze urban traffic issues, utilizing cue cards with specific prompts. They discuss causes, impacts, and propose solutions. TLM: Cue cards, digital resources Skills Developed: Critical thinking. problem-solving, research proficiency, social awareness

MONTH/ SUBJECT	ENGLISH LITERATURE (Code No. 301)
DECEMBER	Poem: 5. Father To Son Supp. Reader: 5. The Tale of Melon City Writing Section & Grammar: 21. Invitation (Additional Topic), 22. Integrated Grammar SEA: Bridging the Gap: A Class Discussion The teacher presents a debatable statement, encouraging students to analyze it, form their own opinions, and actively participate in a brainstorming session to discuss diverse perspectives and societal relevance. ELA: Team Troubleshooting Session In each group, one member presents a personal problem (e.g., noisy neighbors or choosing an exercise routine); classmates collaboratively suggest various solutions. TLM: Scenario cards, Role play props Skills Developed: Critical thinking, communication, teamwork, emotional intelligence
JANUARY – FEBRUARY	DOUBT CLASSES & REVISION FOR FINAL TERM EXAMS
Discussion of MCQ Assignments will be taken parallel to the chapters every month.	

MONTH/ SUBJECT	ECONOMICS
APRIL	Microeconomics: Ch-1 Economics and Economy Ch-2 Central Problems of an Economy Statistics: Ch-1 Concept of Economics and Significance of Statistics, Ch-2 Collection of Data, Ch-3 Census and Sample Methods of Data Collection SEA 1: Role Play- Eco Pilot Students will act as government policy makers, consumers and producers and discuss about the rational allocation of limited resources to get maximum satisfaction. SEA 2: Statistical Econologue- Inquiry Based Learning Students will be directed to maintain a Statistical Journal in which they will reflect their learning about statistical concepts e.g. data collection and its sources. TLM: Newspapers Skills Developed: Computational and Analytical skills

MONTH/ SUBJECT	ECONOMICS (Code No. 030)
MAY	Microeconomics: Ch-3 Consumers's equilibrium: Utility Analysis, Ch-4 Consumer's Equilibrium: Indifference Curve Approach Statistics: Ch-4 Organisation of Data, Ch-9 Arithmetic Mean SEA 1: Fishbowl Discussion- Survey on Consumer Buying Behaviour Students will do the survey among their classmates/ family members on how price and brand influence purchasing decisions. SEA 2: Statistical Sleuths- Number Crunchers Students will organise the data from their Statistical Journal and calculate the Mean of organised data. TLM: Online Pricing Data Skills Developed: Decision Making Skills, Data Interpretation
JULY	Microeconomics: Ch-5 Theory of Demand, Ch-6 Price Elasticity of Demand Statistics: Ch-5 Textual and Tabular Presentation of Data Ch-6 Bar Diagrams and Pie Diagrams SEA 1: Elasticity of Demand- Real Life Analysis Students will do research on the price elasticity of essential vs. luxury goods using market trends. SEA 2: Data Driven Story Telling- Experiential Learning Students will create interactive stories/ visualisations that incorporate statistical data and economic concepts e.g. market forces, government policies etc. TLM: Online Pricing Data, Statistical Journal Skills Developed: Problem solving and Critical thinking
AUGUST	Microeconomics: Ch-7 Production Function and Returns to a Factor, Ch-8 Concepts of Cost Statistics: Ch-7 Histogram, Polygon and Ogive SEA 1: Business Blueprint- Vision to Venture Students will analyse case studies of small vs. large businesses and identify their cost structure. SEA 2: Information Graphics- Experiential Learning Students will create information graphics with the use of Bar diagrams and Pie diagrams. TLM: Business Reports, Industry Case Studies Skills Developed: Logical thinking & Analytical thinking

MONTH/ SUBJECT	ECONOMICS (Code No. 030)
SEPTEMBER	Statistics: Ch-8 Time Series Graphs REVISION FOR FIRST TERM EXAMS
OCTOBER	Microeconomics: Ch-9 Concepts of Revenue Ch-10 Producer's Equilibrium Statistics: Ch-10 Median and Mode SEA 1: Study on Exam Performance- Learning By Doing Students will compute Median and Mode from their Term-1 result. SEA 2: Financial Risk Assessment - Students will calculate the revenue from the cost structure of any hypothetical SSI and assess the risk of changing production and technology. TLM: Report Sheet Skills Developed: Logical thinking & Analytical thinking
NOVEMBER	Microeconomics: Ch-11 Theory of Supply Ch-12 Forms of Market Statistics: Ch-11 Correlation SEA 1: Correlation Quest- Multidisciplinary Approach Students will establish correlation between/among various variables related to real life provided by the teacher. SEA 2: Case Study- Monopoly Pricing - Students will do research how companies like Google, Amazon or Indian Railways set prices due to market domination. TLM: Newspaper Articles, Online Reports Skills Developed: Metacognition and Analytical skills
DECEMBER	Microeconomics: Ch-13 Market Equilibrium Under Perfect Competition Statistics: Ch-12 Index Numbers SEA 1: Data Podcasting- Experiential Learning - Students will create a podcast episode with exploration of changing economic dynamics and index numbers. SEA 2: Case Study- Real vs. Nominal Wages - Students will analyse the effect of inflation on real and nominal wages and interpret its implication with reference to changing standard of living. TLM: Market Price Data Skills Developed: Computational and Analytical skills
JANUARY – FEBRUARY	DOUBT CLASSES & REVISION FOR FINAL TERM EXAMS
Discussion of MCQ Assignments will be taken parallel to the chapters every month.	

MONTH/ SUBJECT	PSYCHOLOGY (Code No. 037)
APRIL	Ch-1 What is Psychology? ELA: Analyse the psychological processes given on pg no. 6 mention three psychological processes involved in each situation. TLM: A4 size colorful sheet, colorful pens Skills Developed: Cognitive and Analytical skills
MAY	Ch – 2 Methods of Enquiry in Psychology ELA: Identify the independent and dependent variables from the hypotheses given on pg no. 29 TLM: A4 size colourful sheet, colourful pens Skills Developed: Cognitive and Analytical skills
JULY	Ch – 3 Human Development ELA: Act like a boy if you are girl and act like a girl if you are a boy in front of your friends and parents. Reflect on your experience and notes others' reaction to your behaviour and also ask them about their reactions given on pg no. 29. How difficult was it to perform like the other gender? TLM: A4 size colourful sheet, colourful pens Skills Developed: Cognitive and Analytical skills
AUGUST	Ch-4 Sensory, Attentional & Perpetual Processes ELA: Vision and hearing are generally believed to be the two most highly prized senses. What would your life be if you lost any one of your senses? Which sense would you find more traumatic to lose? Why? Think and write. TLM: A4 size colourful sheet, colourful pens Skills Developed: Cognitive and Analytical skills
SEPTEMBER	REVISION FOR FIRST TERM EXAMS
OCTOBER	Ch-5 Learning Ch – 6 Human Memory ELA: Take some words (given on pg no. 90) and write them on separate cards and ask the students to read aloud one by one. After completion of two readings ask them to write the words in any order. Analyse the data to see whether recalled words show any organization. TLM: A4 size colourful sheet, colourful pens Skills Developed: Cognitive and Analytical skills

NOVEMBER	Ch – 7 Thinking ELA: Frame five different kinds of questions requiring divergent thinking on issues and problems related to traffic management/ pollution/ corruption/ illiteracy and poverty. Discuss in the class. TLM: A4 size colourful sheet, colourful pens Skills Developed: Cognitive and Analytical skills
DECEMBER	Ch – 8 Motivation & Emotion ELA: Think of an intense emotional experience you have gone through recently and explain the sequence of events. How did you deal with it? TLM: A4 size colourful sheet, colourful pens Skills Developed: Cognitive and Analytical skills
Discussion of MCQ Assignments will be taken parallel to the chapters every month.	

MONTH/ SUBJECT	POLITICAL SCIENCE (Code No. 028)
APRIL	INDIAN CONSTITUTION AT WORK Ch – 1 Constitution : Why and How? Ch -2 Rights in the Indian Constitution POLITICAL THEORY Ch -1 Political Theory: An Introduction SEA: Discussion on why constitution is necessary for democracy. TLM: A4 Size colourful sheet, colour pens Skills Developed: Thinking Skills
MAY	INDIAN CONSTITUTION AT WORK Ch – 3 Election and Representation Ch – 4 Executive POLITICAL THEORY Ch – 2 Freedom SEA: Discussion on why a country like India need Election Commission to conduct free and fair election. TLM: A4 Size colourful sheet, colour pens Skills Developed: Thinking Skills and Analytical Skills

JULY	INDIAN CONSTITUTION AT WORK Ch – 5 Legislature, Ch – 6 Judiciary POLITICAL THEORY Ch – 3 Equality SEA: Debate on why do we need an independent judiciary. TLM: A4 Size colourful sheet, colour pens Skills Developed: Thinking Skills and Analytical Skills
AUGUST	INDIAN CONSTITUTION AT WORK Ch – 7 Federalism POLITICAL THEORY Ch – 4 Social Justice ELA: Make a collage on division of power in India. TLM: A4 Size colourful sheet, colour pens, fevicol, images related to the topic Skills Developed: Creative Skills and Analytical Skills
OCTOBER	INDIAN CONSTITUTION AT WORK Ch – 8 Local Government POLITICAL THEORY Ch – 5 Rights, Ch – 6 Citizenship ELA: Discussion on whether local government is necessary for the smooth functioning of the democratic government. TLM: A4 Size colourful sheet, colour pens Skills Developed: Critical Thinking and Analytical Skills
NOVEMBER	INDIAN CONSTITUTION AT WORK Ch – 9 Constitution as a Living Document POLITICAL THEORY Ch – 7 Nationalism ELA: Debate on are our Constitution static. TLM: A4 Size colourful sheet, colour pens Skills Developed: Critical Thinking and Analytical Skills
DECEMBER	INDIAN CONSTITUTION AT WORK Ch – 10 The Philosophy of the Constitution POLITICAL THEORY Ch – 8 Secularism ELA: Debate on religious identities and differences have no significance for the young. TLM: A4 Size colourful sheet, colour pens Skills Developed: Critical Thinking and Analytical Skills
JANUARY – FEBRUARY	DOUBT CLASSES & REVISION FOR FINAL TERM EXAMS
Discussion of MCQ Assignments will be taken parallel to the chapters every month.	

MONTH/ SUBJECT	HISTORY (Code No. 027)
APRIL	Theme 1: Writing & City Life SEA: Student can create short stories, poems, journal entries from the perspective of a character living in a specific city, focusing on the unique aspects of urban life. TLM: A4 Size colourful sheet, colour pens Skills Developed: Thinking Skills
MAY	Theme 2 : An Empire Across Three Continents ELA: Identify at least five events /processes that would have involved the movement of people across regions/continents. Write the significance of these events/processes. TLM: A4 Size colourful sheet, colour pens Skills Developed: Creative and Problem- solving skills
JULY	Theme 3: Nomadic Empires ELA: Debate on why there was a conflict of interest between pastoralists and peasants. TLM: Role Play Props Skills Developed: Critical Thinking and Analytical Thinking
AUGUST	Theme 4: The Three Orders SEA: Read through the events and processes listed with dates and connect them into a narrative account. TLM: Book, A4 Size colourful sheet, colour pens Skills Developed: Critical Thinking and Analytical Thinking
SEPTEMBER	REVISION FOR FIRST TERM EXAMS
OCTOBER	Theme 5: Changing Cultural Traditions SEA: Describe the different scientific elements in the work of sixteenth century Indian artists. TLM: Book, A4 Size colourful sheet, colour pens Skills Developed: Critical Thinking and Analytical Thinking

MONTH/ SUBJECT	HISTORY (Code No.027)
NOVEMBER	Theme 6: Displacing Indigenous Peoples SEA: In 1911, it was announced that New Delhi and Canberra would be built as the capital cities of British India and of the Commonwealth of Australia. Compare and contrast the political situations of the native people in these countries at that time. TLM: Book, A4 Size colourful sheet, colour pens Skills Developed: Critical Thinking and Analytical Thinking
DECEMBER	Theme 7: Paths to Modernisation SEA: Discussion on how does a discrimination unite people. TLM: Book, A4 Size colourful sheet, colour pens Skills Developed: Critical Thinking and Analytical Thinking
JANUARY – FEBRUARY	DOUBT CLASSES & REVISION FOR FINAL TERM EXAMS
Discussion of MCQ Assignments will be taken parallel to the chapters every month.	



MONTH/ SUBJECT	MATHEMATICS (Code No. 041)
APRIL	Ch-1 Sets, Ch-2 Relation and Functions SEA: Venn-Tastic Voyage - Students will explore set theory through interactive Venn Diagrams and create & analyze diagrams to visualize relationships between sets such as union, intersection, complement etc. ELA: Functions: Flip & Match- Students will match domain and range values to their corresponding function graphs using flip cards. TLM: Drawing sheets and coloured pens, Flash Cards Skills Developed: Critical Thinking, Problem solving and Mathematical Reasoning.
MAY	Ch-3 Trigonometric Functions, Ch-4 Complex Numbers SEA: Trigonometric Quiz - A quiz will be conducted to test Student's understanding of Trigonometric Functions. They will understand the domain, Range of T functions ,various Trigonometric Formulas and identities. ELA: Complex Numbers Visualization - Using Argand Plane to graphically represent complex numbers and their properties. TLM: Flash cards, graph papers, Skills Developed: Graphical Understanding, Creative Thinking, Critical Thinking
JULY	Ch-5 Linear Inequalities, Ch-6 Permutations and Combinations SEA: Combination Lock - Students will design combination lock using permutations and combinations. They have to figure out the correct combination to open the lock. ELA: Inequality quest - Students will research and present real life applications of linear programming such as business optimization, production planning & transportation and will solve them graphically. TLM: Flash Cards, Graphing Paper Skills Developed: Problem solving, Mathematical Reasoning and Graphical Understanding, Conceptual understanding,

MONTH/ SUBJECT	MATHEMATICS (Code No. 041)
AUGUST	Ch-8 Sequence and Series, Ch-11 Introduction to Three dimensional Geometry SEA: Mathematical Mystery Solvers - A mystery scenario will be created where students will use their knowledge of 3D shapes, coordinates, distances and equations to solve geometric puzzles coded messages, description of spatial relationships ELA: Math Billboard: Advertise a sequence - Students will design an advertisement for a product that follows in numerical pattern leading to geometrical and arithmetic growth of items. They will present the sequence behind their marketing idea. TLM: 3D worksheets, Chart Papers and markers Skills Developed: Problem solving, Critical Thinking and Presentation Skills.
SEPTEMBER	REVISION FOR FIRST TERM EXAMS
OCTOBER	Ch-10 Conic Sections, Ch-9 Straight lines SEA: Conic Canvas: Art with GeoGebra - Exploring the various sections of the cone (parabola, ellipse, circle and hyperbola) using augmented reality apps like geogebra. ELA: Line Legends: Unraveling the Equation Quest - An Epic quest where students in teams will uncover the secrets of straight lines. They will explore the different forms of straight line equations plotting them on coordinate grids. TLM: Digital Tools, graph papers Skills Developed: Digital Literacy, Practical application, Geometry awareness
NOVEMBER	Ch-12 Limits and Derivatives, Ch- 13 Statistics SEA: Survey and Data Analysis - Students will conduct a survey on any specific topic (sports, subject) and calculate the measure of central tendency and dispersion for the collected data. ELA: Derivatives Puzzle Challenge - Students will unravel the mystery of limits and derivatives by solving puzzles and brain teasers. TLM: Survey Templates, data collection tools, Mathematical puzzles. Skills Developed: Analytical Thinking, Logical Reasoning and Critical Thinking.

MONTH/ SUBJECT	MATHEMATICS (Code No. 041)
DECEMBER	Ch-14 Probability, Ch-7 Binomial Theorem SEA: Fortune Telling - Students will use tools like cards dice marbles and coins to predict outcomes and calculate the probabilities of those outcomes. They will apply the concepts like sample space, operations on events independent events and explore how chances influence the predictions. ELA: Binomial Carnival Game - A carnival themed set up with different game stations .Each station has a challenge related to Binomial Theorem (for eg. expanding a binomial, finding specific term, no.of terms etc). TLM: Dice, Cards, Coins, A4 sized sheets Skills Developed: Analytical Thinking and Critical Thinking
JANUARY – FEBRUARY	DOUBT CLASSES & REVISION FOR FINAL TERM EXAMS
Discussion of MCQ Assignments will be taken parallel to the chapters every month.	

MONTH/ SUBJECT	MATHEMATICS LAB ACTIVITIES
APRIL	1. To find the number of subsets of a given set and verify that if a set has n no. of elements then total no of subsets is 2^n. 2. To represent theoretic operations using Venn Diagrams
MAY	1. To verify the relation between degree measure and radian measure of an angle. 2. To find the values of Sine and cosine functions in second, third, fourth quadrant using their given values in first quadrant.
JULY	To find the number the no. of ways in which three cards can be selected from 5 given cards
AUGUST	To Demonstrate that the Arithmetic mean of two numbers is always greater than Geometric mean
OCTOBER	1. To construct a Pascal Triangle and to write binomial expansion for given positive integer. 2. To construct different types of conic sections
NOVEMBER	1. Verification of Geometrical significance of Derivatives 2. To write sample space when a coin is tossed n times.

MONTH/ SUBJECT	COMPUTER SCIENCE (Code No. 083)
APRIL	Ch-1 Computer System Overview, Ch-2 Data Representation SEA: Computer System Quiz Show - Students will participate in a Quizizz-based quiz featuring multiple-choice questions (MCQs) and an "Identify the Computer Component" round. TLM: Quizizz platform Skills Developed: Concept recall, analytical thinking, problem-solving
MAY	Ch-4 Introduction to Problem Solving, Ch-5 Getting Started with Python, Ch-6 Python Fundamentals SEA: Python Bingo - Students will play a Bingo game using Python keywords and concepts. The teacher will call out questions or definitions, and students will mark the correct terms on their Bingo cards. TLM: Bingo cards, Python keyword list, markers/chips. Skills Developed: Concept retention, critical thinking
JULY	Ch-7 Data Handling, Ch-8 Introduction to Python Modules SEA: Mystery Box: Identify the Data Type - Students will pick a chit from the mystery box containing a Python value (e.g., 42, "Python", 3.14). They will identify its data type and explain why it belongs to that category. TLM: Mystery box, chits with Python values, whiteboard. Skills Developed: Problem Solving, critical thinking
AUGUST	Ch-9 Flow of Control, Ch-10 String Manipulation SEA: Code Golf – Shortest Code Wins - Students will be given a problem, such as printing numbers from 1 to 10. They must write the shortest and most efficient Python code to solve it. The student with the most optimized solution wins. TLM: Problem statements, whiteboard, Python compiler. Skills Developed: Code Optimization, Logical Thinking
SEPTEMBER	REVISION FOR FIRST TERM EXAMS
OCTOBER	Ch-11 List Manipulation, Ch-12 Tuples SEA: List Maker – Grocery Game - Students will create a grocery shopping list using Python lists. They will update, remove, and modify items based on given conditions (e.g., removing out-of-stock items). Finally, they will use loops to display the updated list. TLM: Python compiler, grocery conditions, whiteboard. Skills Developed: Iteration & Loops, Problem-Solving

MONTH/ SUBJECT	COMPUTER SCIENCE (Code No. 083)
NOVEMBER	Ch-13 Dictionaries, Ch-14 Cyber Safety SEA: Cyber Safety PSA - Students will create a 30-60 second Public Service Announcement (PSA) video highlighting key cyber safety tips like strong passwords, phishing awareness, or social media safety. They can use acting, animation, or slides to convey their message effectively. TLM: Smartphones, video editing apps, presentation software. Skills Developed: Digital Literacy, Collaboration & Research
DECEMBER	Ch-15 Society, Law and Ethics SEA: Ethics in Action - Students will work in groups to research and create presentations on key topics from Society, Law, and Ethics, such as cyberbullying, digital privacy, and plagiarism. They will present their findings, fostering awareness, teamwork, and communication skills. TLM: Laptops, presentation software Skills Developed: Critical Thinking, Presentation Skills
JANUARY – FEBRUARY	DOUBT CLASSES & REVISION FOR FINAL TERM EXAMS

MONTH/ SUBJECT	COMPUTER SCIENCE PRACTICALS (Code No. 083)
MAY	Program to calculate BMI (Body Mass Index) of a person.
JULY	Program to obtain principal, rate and time from user and compute simple interest.
AUGUST	Program to generate 6 digit random secure Otp between 100000 to 999999.
SEPTEMBER	Program to input a number and check if it is a prime number.
OCTOBER	Program to check whether a given string is palindrome or not.
NOVEMBER	Program to compare two equal sized lists and print the first index where they differ

MONTH/ SUBJECT	PHYSICAL EDUCATION (Code No. 048)
APRIL	Ch-1 Changing Trends and career in Physical Education SEA: Sport Entrepreneurship Students will create a mock business plan for a sports-related business (e.g., academy, gym, fitness tech). They will explore trends like e-sports, sports tourism, and wellness retreats. The plan should cover target audience, marketing strategies, and career opportunities (e.g., sports managers, event coordinators, marketing specialists). ELA: Khelo India Fitness Challenge The teacher will organize a fitness challenge with exercises like running, jumping, push-ups, sit-ups, and agility drills. Students will track their scores, set personal goals, and improve. This activity reflects the competitive spirit of the Khelo India program, which seeks to identify and develop young sports talent. TLM: Information and Data related various sports industry Skills Developed: Understanding and knowledge of fitness activities and how one can make a career in the same
MAY	Ch - 2 Olympism, Ch - 3 Yoga SEA: Olympic Trivia Quiz Teacher will organize a trivia quiz focusing on the Olympics, covering topics such as historical moments, famous athletes, Olympic symbols, and host cities. Students will work in teams and answer multiple-choice questions or short answer questions. ELA: Yoga Posture (Asanas), Breath Awareness and Pranayama Workshop Students will try yoga and mindfulness to explore mental health benefits and learn pranayama techniques. They'll research how yoga boosts athletic performance and focus, then present career options in yoga therapy, sports psychology, and wellness coaching. Skills Developed: Enhancing one's knowledge on Olympics and benefits of yoga, Mindfulness
JULY	Ch - 4 Physical Education and Sports for CWSN, Ch- 5 Physical Fitness, Health and Wellness SEA: Fitness and Health Quiz Competition Teacher will ask a series of questions related to fitness (e.g., "What is the best exercise for building leg strength?") and health (e.g., "Which vitamin is essential for bone health?").

MONTH/ SUBJECT	PHYSICAL EDUCATION (Code No. 048)
JULY	ELA: Role Reversal (Experiencing a Disability) Students will role-play a person with a disability (e.g., using headphones for hearing loss or a blindfold for visual impairment) and complete tasks like writing or moving around. Afterward, they'll reflect on the experience and discuss the importance of accessibility and accommodations. TLM: Headphones, Blindfold, Vitamin sheet Skills Developed: Awareness about different disabilities and how to manage with people dealing with disabilities
AUGUST	Ch - 6 Test and Measurement in Sports, Ch-7 Fundamentals of Anatomy and Physiology in Sports SEA: Joint Dynamics in Action Students will learn about the biomechanics of joints (e.g., knee, elbow, ankle) and demonstrate their range of motion in sports actions like sprinting or a tennis serve. They'll create diagrams or charts to show how joint movements impact performance. ELA: The Dynamic Drive Relay Relay race will be organized, where each student will perform a specific sports movement (e.g., dribbling a ball, throwing a football, or sprinting). Emphasize will be on the body's kinetic chain (the sequence of movements from the feet to the hands or head) that plays a key role in each action. Students will demonstrate the coordination of different body parts for optimal performance. Skills Developed: Learning about different joint movements and how it helps in optimal performance
SEPTEMBER	REVISION FOR FIRST TERM EXAMS
OCTOBER	Ch-8 Fundamentals of Kinesiology and Biomechanics in Sports SEA: Bone Building Challenge Students will design a model of a long bone (e.g., femur) and show its role in the skeletal structure, focusing on bone strength. They'll present how exercise and nutrition (calcium, vitamin D) strengthen bones and discuss bone growth and health. ELA: The Joint Action Challenge Students will work in groups to identify primary joints involved in sports actions (e.g., running, swimming). They'll demonstrate joint movements and explain their range of motion, understanding how joints contribute to athletic performance.

MONTH/ SUBJECT	PHYSICAL EDUCATION (Code No. 048)
OCTOBER	TLM: Skeletal system model, Vitamin sheet, Different bones structure Skills Developed: Knowledge and understanding of nutrition, exercise on performance
NOVEMBER	Ch - 9 Psychology and Sports SEA: The Psychology of Success Quiz: GAME OF FOCUS Teacher will Prepare a quiz with questions related to sports psychology, psychology and adolescence problems (e.g., "What is the best technique to reduce anxiety before a game?" or "What is self-talk in sports psychology?"). Students will work in teams to answer questions, and after each answer, discuss the reasoning and psychology behind it. ELA: FitWorks: Tailor Your Routine - In groups, students will design a training program for a sport (e.g., soccer, basketball) covering endurance, strength, flexibility, and skill. The program will include warm-ups, exercises, sets, reps, rest, and recovery. They will present and explain their choices. TLM: List of sports psychology questions, Various cards depicting training methods, Board, Marker Skills Developed: Understanding of problems related to sports and figuring out ways to manage problems
DECEMBER	Ch - 10 Training and Doping in Sports SEA: Training Method Pictionary: ACTION PACKED ART - In this variation of Pictionary, create cards with different types of training methods (e.g., interval training, strength training, flexibility exercises). One student draws the method on the board while their team guesses what it is. For every correct answer, they earn points. ELA: SAQ (Speed, Agility, Quickness) Drills - Set up drills using ladders, cones, and hurdles to improve speed, agility, and quickness. Students will compete, tracking their times. Afterward, discuss the importance of SAQ training for athletes in sports like soccer, basketball, and tennis. TLM : Cones, Ladder, Hurdle Skills Developed: Learning about different training techniques according to athlete and their game
JANUARY – FEBRUARY	DOUBT CLASSES & REVISION FOR FINAL TERM EXAMS
Discussion of MCQ Assignments will be taken parallel to the chapters every month.	

MONTH/ SUBJECT	GAMES AND OUTDOORS
APRIL	Basket Ball
MAY	YOGA Asanas (Dandaasana, Dhanurasana, Halasana, Shalabhasana) & Pranayams
JULY	SAI Fitness test (Push ups, Curl ups, Modified Push ups)
AUGUST	Kabaddi
OCTOBER	Physical Fitness Test (Standing Broad Jump, Shuttle Run , Sit and Reach Test etc.)
NOVEMBER	Kho - Kho
DECEMBER	YOGA Asanas (Tadasana, Vajrasana, Angle Pose, Bhujangasana) & Badminton, Volley Ball

MONTH/ SUBJECT	हिंदी - पाठ्य पुस्तक कोर्स-A (002)
अप्रैल	आरोह (गद्य खंड) : पाठ - 1 नमक का दरोगा , पाठ -2 मियाँ नसीरुद्दीन अभिव्यक्ति और माध्यम : पाठ -1 जनसंचार माध्यम SEA : इस विषय पर डायरी लेखन करें, जिसमें दरोगा के विचार और उनके संघर्षों का वर्णन हो। ELA : न्यायालय सत्र छात्रों को न्यायाधीश, वकील, अभियुक्त और गवाहों की भूमिका दी जाएगी। जिसमें काल्पनिक मुकदमे का आयोजन करके दरोगा अपनी ईमानदारी के पक्ष में तर्क देगा जबकि अन्य पात्र अपने-अपने विचार प्रस्तुत करेंगे। कौशल : नैतिक मूल्यों की समझ, आत्म चिंतन एवं लेखन कौशल, कल्पना शीलता और सृजनात्मकता
मई	आरोह (पद्य-खंड) : कविता - 1 हम तौ एक-एक करि जानां, कविता - 2. मेरे तो गिरधर गोपाल, दूसरो न कोई वितान - पाठ 1 भारतीय गायिकाओं में बेजोड़ लता मंगेशकर अभिव्यक्ति और माध्यम : पाठ - 2 पत्रकारिता के विविध आयाम सृजनात्मक लेखन : अपठित गद्यांश और पद्यांश SEA : यदि लता जी आज के दौर में संगीत सीख रही होती, तो वे किस तरह के गाने गाती ? छात्र कल्पना करके एक लेख लिखेंगे कि वे आज के डिजिटल युग में कैसे आगे बढ़ती? ELA : ध्यान और संगीत - छात्र लता जी के भजन और गीतों को सुनकर ध्यान और प्राणायाम अभ्यास करके संगीत के मानसिक और भावनात्मक प्रभाव को महसूस करेंगे। उसके अनुभवों को साझा करेंगे। कौशल : आत्म चिंतन एवं मानसिक एकाग्रता, भावनात्मक अभिव्यक्ति, आलोचनात्मक सोच

MONTH/ SUBJECT	हिंदी - पाठ्य पुस्तक कोर्स-A (002)
जुलाई	आरोह (गद्य - खंड) :- पाठ-3 अप्पू के साथ ढाई साल, पाठ 4 विदाई - संभाषण वितान - राजस्थान की रजत बूँदे अभिव्यक्ति और माध्यम : पाठ - 9 डायरी लिखने की कला SEA : चित्र प्रदर्शनी - छात्र राजस्थान के जल स्रोतों (बावड़ी, तालाब, जौहर, कुंड) आदि के चित्र बनाकर प्रदर्शित करेंगे और उसके महत्व को समझाएंगे। ELA : रिपोर्ट लेखन - छात्र कल्पना करके रिपोर्ट तैयार करेंगे कि अगर राजस्थान में जल संकट ना होता, तो वहाँ का जीवन, कृषि और संस्कृति कैसी होती? कौशल : पर्यावरणीय जागरूकता और सामाजिक उत्तरदायित्व, टीमवर्क और नेतृत्व क्षमता, रचनात्मक लेखन और संवाद कौशल
अगस्त	आरोह (गद्य-खंड): पाठ -5 गलता लोहा, पाठ - 6 स्पीति में बारिश पद्य-खंड : कविता - 4 वे आँखें, कविता - 5 घर की याद सृजनात्मक लेखन : औपचारिक – पत्र SEA : दृश्य लेखन छात्र स्पीति की प्राकृतिक सुंदरता और बारिश के दृश्यों को चित्रित करेंगे। ELA : “बारिश का विज्ञान ” छात्र वर्षा बनने की प्रक्रिया, वर्षा चक्र और स्पीति में कम बारिश के कारणों पर वैज्ञानिक रिपोर्ट तैयार करेंगे। कौशल : पर्यावरण जागरूकता और संवेदनशीलता, अनुसंधान और विश्लेषण क्षमता
सितम्बर	अर्धवार्षिक परीक्षा के लिए दोहराई
अक्टूबर	आरोह (गद्य-खंड) :- पाठ - 14 शिरीष के फूल वितान : पाठ - 2 जूझ, पाठ - 3 अतीत में दबे पांव पद्य-खंड :- कविता - 7 कवितावली (उत्तर कांड से), लक्ष्मण मूर्छा और राम का विलाप, कविता - 8 रुबाइयाँ अभिव्यक्ति और माध्यम : पाठ -11 कैसे करें कहानी का नाटक रूपांतरण, पाठ 12 कैसे बनता है रेडियो नाटक SEA: विद्यार्थी ऐसे व्यक्तियों का चयन करेंगे जिन्होंने संघर्ष करके सफलता प्राप्त की हो जैसे डॉक्टर एपीजे अब्दुल कलाम महात्मा गांधी आदि छात्र छोटी प्रस्तुति या भाषण तैयार करेंगे और बताएंगे कि उसे व्यक्ति का संघर्ष हमें क्या सीखना है? ELA: छात्र कहानी के पात्रों के बीच संवादों को लिखेंगे तथा मुख्य पात्र ने अपने जीवन में जो संघर्ष किया है उससे प्रेरणा लेते हुए अपने जीवन में जो बदलाव आएंगे तो वह भी बताएंगे यह कहानी आज के समय में होती तो संवाद कैसे बदलते यह भी छात्र लिखेंगे। विकसित कौशल: आत्म जागरूकता, भावनाओं और विचारों की स्पष्टता

MONTH/ SUBJECT	हिंदी - पाठ्य पुस्तक कोर्स-A (002)
नवम्बर	आरोह (गद्य-खंड) :- पाठ – 9 भारत माता वितान : पाठ – 3 आलो – आँधारि पद्य-खंड :- कविता – 8 हे भूख! मत मचल कविता – 9 सबसे खतरनाक अभिव्यक्ति और माध्यम : पाठ -14 कार्यालयी लेखन और प्रक्रिया SEA : डिजिटल प्रस्तुति छात्र सबसे खतरनाक क्या है? विषय पर एक पावर पॉइंट प्रेजेंटेशन या लघु फिल्म बनाएंगे और कक्षा में प्रस्तुत करके अन्य छात्रों से फीडबैक लेंगे। ELA : "सबसे खतरनाक चुप्पी" - संवाद लेखन एवं अभिनय छात्र एक लघु नाटिका तैयार करेंगे जिसमें दिखाया जाएगा कि चुप्पी कैसे अन्य को बढ़ावा देती है? कौशल : समस्या समाधान और आलोचनात्मक चिंतन, सामाजिक जागरुकता और नैतिक मूल्य, रचनात्मक लेखन और प्रस्तुति कौशल
दिसम्बर	आरोह -(गद्य - खंड) पाठ -10 आत्मा का ताप कविता -10 आओ मिलकर बचाएँ अभिव्यक्ति और माध्यम - स्ववृत्त लेखन और रोजगार संबंधी आवेदन – पत्र, शब्दकोश परिचय SEA : साहित्य से जीवन तक छात्र ऐसे सामाजिक मुद्दों की पहचान करेंगे, जो इस पाठ से जुड़े हैं जैसे गरीबी , अन्याय, संघर्ष आदि। वे समाचार पत्रों, पत्रिकाओं या इंटरनेट से उदाहरण खोजेंगे और कक्षा में प्रस्तुत करेंगे। ELA : "वक्तव्य प्रतियोगिता - आत्मा की शक्ति बनाम पीड़ा" छात्रों को दो समूहों में बाँटा जाएगा। एक समूह आत्मा की शक्ति पर तर्क देगा (संघर्ष, प्रेरणा, आत्म बल) दूसरा समूह आत्मा की पीड़ा पर तर्क देगा (अन्याय, शोषण,दर्द) कौशल : सामाजिक जागरुकता और नैतिक मूल्यों की समझ, आत्म चिंतन और आलोचनात्मक सोच
जनवरी – फरवरी	वार्षिक परीक्षा की दोहराई

ACADEMIC CALENDAR (2025-26) AT A GLANCE

Month	Mon	Tues	Wed	Thu	Fri	Sat	Sun	IMPORTANT DAYS
Apr'25		1	2	3	4	5	6	7th April- World Health Day 14th April- Dr. B.R. Ambedkar Jayanti 22nd April- Earth Day
	7	8	9	10	11	12	13	
	14	15	16	17	18	19	20	
	21	22	23	24	25	26	27	
	28	29	30					
May'25				1	2	3	4	1 st May - International Labour Day 4 th May – World Laughter Day 11 th May- Mother's Day
	5	6	7	8	9	10	11	
	12	13	14	15	16	17	18	
	19	20	21	22	23	24	25	
	26	27	28	29	30	31		
Jul'25		1	2	3	4	5	6	26 th July-Kargil Vijay Diwas 28 th July-World Nature Conservation Day 29 th July- International Tiger Day
	7	8	9	10	11	12	13	
	14	15	16	17	18	19	20	
	21	22	23	24	25	26	27	
	28	29	30	31				
Aug'25					1	2	3	3 rd August – National Friendship Day 15 th August - Independence Day 29 th August – National Sports Day
	4	5	6	7	8	9	10	
	11	12	13	14	15	16	17	
	18	19	20	21	22	23	24	
	25	26	27	28	29	30	31	
Sep'25	1	2	3	4	5	6	7	5 th Sep. – Teacher's day 8 th Sep – World Literacy Day 14 th Sep- Hindi Diwas
	8	9	10	11	12	13	14	
	15	16	17	18	19	20	21	
	22	23	24	25	26	27	28	
	29	30						
Oct'25			1	2	3	4	5	8 th Oct. – Indian Air Force Day 11 th Oct – International Girl Child Day
	6	7	8	9	10	11	12	
	13	14	15	16	17	18	19	
	20	21	22	23	24	25	26	
	27	28	29	30	31			

ACADEMIC CALENDAR (2025-26) AT A GLANCE

Month	Mon	Tues	Wed	Thu	Fri	Sat	Sun	IMPORTANT DAYS
Nov'25						1	2	10 th Nov - World Science Day 11 th Nov - National Education Day 14 th Nov- Childern's Day
	3	4	5	6	7	8	9	
	10	11	12	13	14	15	16	
	17	18	19	20	21	22	23	
	24	25	26	27	28	29	30	
Dec'25	1	2	3	4	5	6	7	2 nd Dec – National Pollution Control Day 4 th Dec. - Indian Navy Day 14 th Dec. - National Energy Conservation Day 16 th Dec. - Vijay Diwas 22 nd Dec.- National Mathematics Day
	8	9	10	11	12	13	14	
	15	16	17	18	19	20	21	
	22	23	24	25	26	27	28	
	29	30	31					
Jan'26				1	2	3	4	10 th Jan - World Hindi Day 15 th Jan - Indian Army Day 26 th Jan- Republic Day
	5	6	7	8	9	10	11	
	12	13	14	15	16	17	18	
	19	20	21	22	23	24	25	
	26	27	28	29	30	31		
Feb'26							1	28 th Feb - National Science Day
	2	3	4	5	6	7	8	
	9	10	11	12	13	14	15	
	16	17	18	19	20	21	22	
	23	24	25	26	27	28		



LIST OF HOLIDAYS (2025-26)

S. NO.	DATE	DAY	HOLIDAY
1	06.04.2025	Sunday	Ram Navami
2	10.04.2025	Thursday	Mahavir Jayanti
3	13.04.2025 14.04.2025	Sunday Monday	Vaisakhi/Ambedkar Jayanti
4	07.06.2025	Saturday	ID-UL-Zuha(Bakrid)
5	09.08.2025	Saturday	Raksha Bandhan (Rakhi)
6	15.08.2025	Friday	Independence Day
7	16.08.2025	Saturday	Janmashtami
8	01.10.2025-	Wednesday-	Dussehra
9	02.10.2025	Thursday	Mahatma Gandhi Jayanti
10	10.10.2025	Friday	Karwa Chauth
11	01.11.2025	Saturday	Haryana Day
12	05.11.2025	Wednesday	Guru Nanak Jayanti
13	25.12.2025	Thursday	Christmas
14	14.01.2026	Wednesday	Makar Sankranti
15	26.01.2026	Monday	Republic Day
16	15.02.2026	Sunday	Maha Shivratri
17	03.03.2026	Tuesday	Holi
18	21.03.2026	Saturday	ID-UL-Fitar
19	27.03.2026	Friday	Ram Navmi
SUMMER VACATION			DEEPAWALI BREAK
1 st June'25- 1 st July'25			20 th Oct'25- 23 rd Oct'25
WINTER BREAK 1 Jan'26 to 15 Jan'26			

*Education recognizes
that every child is
unique, with his own
strength, passion, and
dream.*

*It nourishes not only
their minds,
but also their hearts and
spirits, fostering a
lifelong love of learning
and a sense of purpose.*

