



**DELHI PUBLIC SCHOOL
DURGAPUR**



Syllabus

**CLASS – 7
2026 – 27**





ENGLISH

MONTH	READING	WRITING	GRAMMAR	LITERATURE
APRIL	Worksheet 1 and 2	Composition based on Visual Input Informal Letter	Sentences:Kinds Subject- Predicate, Nouns, Articles,Transitive Intransitive Verbs	The MCC Maps (Poem) To Truly Understand a Rainbow
MAY	PRE MID TERM EXAMINATION			
MAY	Worksheet 3 and 4	E mail Dialogue Writing	Pronouns Adjectives	The Green Morning The Enchanted Pool (Activity)
JUNE	Worksheet 5	Formal Letter	Comparison of Adjectives Prepositions	The Fight The Play (Activity)
JULY	Worksheet 6	Formal Letter (contd), Magazine Article	Active Passive Voice Non Finite Verbs	Coromandel Fishers(Poem) The Small Ghost Of The Mountain
AUGUST	Revision Worksheet 1	Magazine Article (contd)	Non finite Verbs (cont.)	A Sea Of Foliage (Poem)
AUGUST	REVISION FOR HALF YEARLY EXAMINATION			
AUGUST - SEPTEMBER	HALF YEARLY EXAMINATION			
SEPTEMBER	Worksheet 7	Description of a person / place, Biosketch (Activity)	Reported Speech	A Sea of Foliage (cont.) Night Witches Heartwood (Activity)
OCTOBER	Worksheet 8 and 9	Description of an incident	Subject-Verb Agreement	Break, Break, Break (Poem)
NOVEMBER	Worksheet 10	Diary Entry	Conjunction	The Wolves of Cernogratz The Scholarship Jacket
NOVEMBER - DECEMBER	POST MID TERM EXAMINATION			
DECEMBER	Worksheet 11	Notice Writing	Tenses	My Unknown Friend
JANUARY	Revision Worksheet 2	Story Writing	Adverbs	The Mother Bird (Poem)
JANUARY	REVISION FOR ANNUAL EXAMINATION			
FEBRUARY	ANNUAL EXAMINATION			

Topics from Term 1 Syllabus covered before HY Exam to be included in the Annual Exam

LANGUAGE AND WRITING

Formal Letter
Magazine Article
Active Passive Voice
Prepositions

LITERATURE

The MCC
Coromandel Fishers (Poem)
The Small Ghost Of The Mountain

HINDI 2ND LANGUAGE

MONTH	LANGUAGE	LITERATURE
APRIL	अपठित गद्यांश, विलोम शब्द (1-30), अनेकार्थक शब्द(1-25), अनुच्छेद लेखन	फूल और काँटा, परोपकार
MAY	PRE MID TERM EXAMINATION	
MAY	चित्र वर्णन, विराम चिह्न	बलिदानी बेटियाँ
JUNE	विज्ञापन लेखन,	कर्तव्य परायणता (कहानी संचय), हमवतन सा मॉरिशस
JULY	अव्यय - समुच्चयबोधक, उपसर्ग-प्रत्यय	मैं बन जाता चंपा फूल
AUGUST	अनौपचारिक पत्र, संवाद लेखन	मोती (कहानी संचय)
AUGUST	REVISION FOR HALF YEARLY EXAMINATION	
AUGUST - SEPTEMBER	HALF YEARLY EXAMINATION	
SEPTEMBER	विस्मयादिबोधक, वाक्यांशों के लिए एक शब्द संवाद लेखन	शह में मात, यह है भारत देश हमारा,
OCTOBER	मुहावरे, स्वर संधि	छोटा जादूगर (कहानी संचय) एक सिंघेला ऐसी भी
NOVEMBER	पर्यायवाची शब्द (1-30), औपचारिक पत्र	सस्ता-महंगा
NOVEMBER - DECEMBER	POST MID TERM EXAMINATION	
DECEMBER	अर्थ के आधार पर वाक्य भेद और परिवर्तन, चित्र वर्णन	दोहे
JANUARY	अनुच्छेद लेखन	आज़ादी का सवाल (कहानी संचय)
JANUARY	REVISION FOR ANNUAL EXAMINATION	
FEBRUARY	ANNUAL EXAMINATION	

Topics from Term 1 Syllabus covered before HY Exam to be included in the Annual Exam

LANGUAGE अनौपचारिक पत्र, अपठित गद्यांश, विज्ञापन लेखन

LITERATURE परोपकार

BENGALI 2ND LANGUAGE

MONTH	LANGUAGE	LITERATURE
APRIL	বোধ পরীক্ষণ। সন্ধি- ব্যঞ্জন ও বিসর্গ, অনুচ্ছেদ	লালু (গদ্য)। আরুণি (কবিতা)।
MAY	PRE MID TERM EXAMINATION	
MAY	সাধু-চলিত ভাষা।	ছেলেবেলা (সহায়ক পাঠ)
JUNE	কারক - সংজ্ঞা, শ্রেণিবিভাগ, উদাহরণ	মহাপ্রস্থান (গদ্য)
JULY	বাক্য পরিবর্তন - সরল, জটিল, যৌগিক।	বঙ্গভাষা (কবিতা)
AUGUST	সাধু-চলিত ভাষা। পত্রলিখন	মাস্টারমশাই (সহায়ক পাঠ)
AUGUST	REVISION FOR HALF YEARLY EXAMINATION	
AUGUST - SEPTEMBER	HALF YEARLY EXAMINATION	
SEPTEMBER	কারক-বিভক্তি (সম্পূর্ণ)	দীনদান (কবিতা)
OCTOBER	পদ পরিবর্তন। অনুচ্ছেদ।	ঠেলাগাড়ি (গদ্য)
NOVEMBER	বাক্য পরিবর্তন। পত্র লিখন।	কুস্কর্গ (সহায়ক পাঠ)
NOVEMBER - DECEMBER	POST MID TERM EXAMINATION	
DECEMBER	পদ পরিবর্তন। অনুচ্ছেদ।	কালকেতু ও ফুল্লরার উপাখ্যান(গদ্য)
JANUARY	বোধ পরীক্ষণ।	আবার আসিব ফিরে (কবিতা)
JANUARY	REVISION FOR ANNUAL EXAMINATION	
FEBRUARY	ANNUAL EXAMINATION	

Topics from Term 1 Syllabus covered before HY Exam to be included in the Annual Exam

LANGUAGE

সাধু-চলিত
ব্যঞ্জন ও বিসর্গ সন্ধি
বাক্য পরিবর্তন

LITERATURE

আরুণি (কবিতা)
লালু (গদ্য)
মাস্টারমশাই (সহায়ক পাঠ)

HINDI 3RD LANGUAGE

MONTH	LANGUAGE	LITERATURE
APRIL	वर्ण और वर्णमाला, अपठित गद्यांश, संज्ञा	चाँद, बुढ़िया और बापू
MAY	PRE MID TERM EXAMINATION	
MAY	लिंग	मैना, तोता और कबूतर
JUNE	अनुच्छेद लेखन	सवेरा
JULY	वचन, सर्वनाम	गुरु और शिष्य
AUGUST	कहानी लेखन	परीक्षा
AUGUST	REVISION FOR HALF YEARLY EXAMINATION	
AUGUST - SEPTEMBER	HALF YEARLY EXAMINATION	
SEPTEMBER	विशेषण, पर्यायवाची शब्द	नीलू
OCTOBER	महीनों के नाम, दिनों के नाम	हम नन्हें नन्हें बच्चे हैं
NOVEMBER	विलोम शब्द, क्रिया	मिठाई और मौसम
NOVEMBER - DECEMBER	POST MID TERM EXAMINATION	
DECEMBER	चित्र वर्णन, अनौपचारिक पत्र	राजेंद्र प्रसाद
JANUARY		नहीं व्यर्थ बहाओ पानी
JANUARY	REVISION FOR ANNUAL EXAMINATION	
FEBRUARY	ANNUAL EXAMINATION	

Topics from Term 1 Syllabus covered before HY Exam to be included in the Annual Exam

LANGUAGE

अपठित गद्यांश
चित्र वर्णन, कहानी लेखन
संज्ञा

LITERATURE

बुढ़िया और बापू

BENGALI 3RD LANGUAGE

MONTH	LANGUAGE	LITERATURE
APRIL	ভাষা ও বর্ণমালা - স্বরবর্ণ, ব্যঞ্জনবর্ণ, স্বরধ্বনি, ব্যঞ্জনধ্বনি। যুক্তাক্ষর। বোধ পরীক্ষণ।	বাঘকে বাঁচাও (কবিতা)
MAY	PRE MID TERM EXAMINATION	
MAY	বোধ পরীক্ষণ	দুই সঙ্গী (গদ্য)
JUNE	পদ - বিশেষ্য, বিশেষণ। অনুচ্ছেদ।	প্রথম কবি প্রথম কাব্য (গদ্য) নৌকাযাত্রা (কবিতা)
JULY	পদ - সর্বনাম, অব্যয়, ক্রিয়া। অনুচ্ছেদ। বোধ পরীক্ষণ।	জালা-কুঁজো সংবাদ (কবিতা)
AUGUST	লিঙ্গ। পুনরালোচনা।	পুনরালোচনা।
AUGUST	REVISION FOR HALF YEARLY EXAMINATION	
AUGUST - SEPTEMBER	HALF YEARLY EXAMINATION	
SEPTEMBER	বচন। অনুচ্ছেদ।	ঈশ্বরচন্দ্রের ছেলেবেলা (গদ্য)
OCTOBER	ক্রিয়ার কাল (অতীত, বর্তমান, ভবিষ্যৎ)	আমাদের গ্রাম (কবিতা)
NOVEMBER	সমার্থক শব্দ। পত্র লিখন	পিঁপড়ের বাসা (গদ্য)
NOVEMBER - DECEMBER	POST MID TERM EXAMINATION	
DECEMBER	বিপরীতার্থক শব্দ	বর্ষার ধুম (কবিতা)
JANUARY	পুনরালোচনা	পুনরালোচনা
JANUARY	REVISION FOR ANNUAL EXAMINATION	
FEBRUARY	ANNUAL EXAMINATION	

Topics from Term 1 Syllabus covered before HY Exam to be included in the Annual Exam

LANGUAGE

পদ (বিশেষ্য, বিশেষণ, সর্বনাম, অব্যয়, ক্রিয়া)

LITERATURE

নৌকাযাত্রা (কবিতা)

SANSKRIT 3RD LANGUAGE

MONTH	LANGUAGE	LITERATURE
APRIL	वर्णविन्यासः, शब्दरूपाणि, धातुरूपाणि, अपठिगद्यांशः, चित्रवर्णनम्	लङ्कार-प्रथमपुरुषः, लङ्कार-मध्यमपुरुषः
MAY	PRE MID TERM EXAMINATION	
MAY	अपठित-गद्यांशः	लङ्कार-उत्तमपुरुषः
JUNE	कारकाणि	सत्तानिर्णयः
JULY	शब्दरूपाणि	संख्याज्ञानम्
AUGUST	चित्रवर्णनम्, शब्दरूपाणि, धातुरूपाणि	सुवचनानि, संग्रहालयः
AUGUST	REVISION FOR HALF YEARLY EXAMINATION	
AUGUST - SEPTEMBER	HALF YEARLY EXAMINATION	
SEPTEMBER	अपठिगद्यांशः, शब्दरूपाणि	जनरल' बिपिनरावतः
OCTOBER	धातुरूपाणि	सुभाषितानि
NOVEMBER	समयलेखनम्, चित्रवर्णनम्	मूर्ख-भृत्यः, नैव क्लिष्टा न च कठिना
NOVEMBER - DECEMBER	POST MID TERM EXAMINATION	
DECEMBER	अपठितगद्यांशः	बुद्धिर्यस्य बलं तस्य
JANUARY	पुनरावृत्तिः	पुनरावृत्तिः
JANUARY	REVISION FOR ANNUAL EXAMINATION	
FEBRUARY	ANNUAL EXAMINATION	

Topics from Term 1 Syllabus covered before HY Exam to be included in the Annual Exam

LANGUAGE

अपठितगद्यांशः, चित्रवर्णनम्

LITERATURE

संख्याज्ञानम्, सत्तानिर्णयः, सुवचनानि

Syllabus



**DELHI PUBLIC SCHOOL
DURGAPUR**



MATHEMATICS

MONTH	CHAPTER	SUB-TOPIC
APRIL	Large Numbers Around Us	Numbers in Indian and international system.
		Exact and approximate values
	Number Play	Even and Odd numbers
		Magic Square
		Fibonacci Numbers
MAY	PRE MID TERM EXAMINATION	
MAY	Arithmetic Expressions	Comparison of expression
		Evaluation of expression
JUNE	Finding Common Ground	Identifying Factors and Multiples
		Prime and Composite numbers
		Common factors and Multiples, their uses
		Prime factorisation
	A Peek Beyond the Point	Recapitulation of previous knowledge (comparison Addition and Subtraction)
JULY	Working with Fractions	Multiplication and Division Of Fractions
		Simplification of Fractions
	Another Peek Beyond the Point	Basic Concept.
		Multiplication and Division of Decimals .
		Simplification of Decimals.
	Constructions and Tilings	Construction of perpendicular bisectors and angle bisectors
		Construction of different Angles.
		Tiling.
AUGUST	Parallel and Intersecting Lines	Adjacent angles, Linear pair of angles, and Vertically Opposite angles.
		Concept of Transversal and related angles.
AUGUST	REVISION FOR HALF YEARLY EXAMINATION	
AUGUST - SEPTEMBER	HALF YEARLY EXAMINATION	
SEPTEMBER	Operations with Integers	Properties of Integers
	Connecting the Dots	Concept
		Mean, Mode, Median, Bar Graph
OCTOBER	A Tale of Three Intersecting Lines	Types of triangles.
		Construction of triangles and its altitude.
		Angle Sum Property, Exterior Angle Property
		Triangle Inequality Property
		Right Angled Triangles.
NOVEMBER	Geometric Twins	Concept of congruent figures
		Congruency of triangles
NOVEMBER - DECEMBER	POST MID TERM EXAMINATION	



MATHEMATICS

Contd....P/2

DECEMBER	Expressions using Letter-Numbers	Basic Concept
		Find the Value of Expressions
	Finding the Unknown	Solving equation by different methods
		Word Problems
JANUARY	REVISION FOR ANNUAL EXAMINATION	
FEBRUARY	ANNUAL EXAMINATION	

Topics from Term 1 Syllabus covered before HY Exam to be included in the Annual Exam

Finding Common Ground
A Peek Beyond the Point
Working with Fractions
Another Peek Beyond the Point

PHYSICS

MONTH	CHAPTER	SUB-TOPIC
APRIL	Electricity and Circuit Basics	Introduction Electricity and its Sources Cells and Batteries
MAY	PRE MID TERM EXAMINATION	
MAY - JUNE	Electricity and Circuit Basics	Electric Circuit: The Path for Electricity Circuit diagrams and Symbols Conductors and Insulators
JULY - AUGUST	Heat	Conduction: Heat Transfer by Passing Convection: Heat Transfer by Moving Particles Radiation: Heat Transfer without a Medium Heat Transfer and Water Cycle
AUGUST	REVISION FOR HALF YEARLY EXAMINATION	
AUGUST - SEPTEMBER	HALF YEARLY EXAMINATION	
SEPTEMBER	Time and Motion	Introduction Standard Units of Time Developments in Measurement of Time
OCTOBER	Time and Motion	Simple Pendulum Speed and Average speed Uniform and nonuniform linear motion
NOVEMBER	Light	Sources of Light Light Travels in a Straight Line Image formed through a pinhole Pinhole Camera Light and Materials: Transparent, Translucent and Opaque Shadows
NOVEMBER - DECEMBER	POST MID TERM EXAMINATION	
DECEMBER	Light	Reflection of light Image formed by a plane mirror Reflection by multiple plane mirrors Periscope Kaleidoscope
DECEMBER	Motions of the Earth	Rotation of the Earth Revolution of the Earth
JANUARY		Motions of the Earth and the Night Sky Eclipses - Solar Eclipse and Lunar Eclipse
JANUARY	REVISION FOR ANNUAL EXAMINATION	
FEBRUARY	ANNUAL EXAMINATION	

Topics from Term 1 Syllabus covered before HY Exam NOT TO BE INCLUDED in the Annual Exam

CHEMISTRY

MONTH	CHAPTER	SUB-TOPIC
APRIL	Metals and Non metals	General properties of metals General properties of non metals Alloys
MAY	PRE MID TERM EXAMINATION	
MAY	Metals and Non metals	Effect of air and water on metals Rusting of iron and its prevention
JUNE	Metals and Non metals	All metals are not equally active Reactivity of some non metals with air and water Importance of non metals in daily life
	The Language of Chemistry	Atoms and molecules Symbol , formula , atomicity
JULY	The Language of Chemistry	Valency, variable valency, radicals Chemical formula making Chemical equation writing and balancing
AUGUST	The Language of Chemistry	Chemical equation writing and balancing (continued)
AUGUST	REVISION FOR HALF YEARLY EXAMINATION	
AUGUST - SEPTEMBER	HALF YEARLY EXAMINATION	
SEPTEMBER	Physical and Chemical changes	Reversible, irreversible changes Types of Physical changes Chemical changes- rusting and combustion
OCTOBER	Physical and Chemical changes	Other examples of chemical changes Physical and chemical changes happening together
NOVEMBER	Physical and Chemical changes	Desirable and undesirable changes Some natural changes
	Acids, Bases and Neutralisation	Testing acids and bases with different indicators
NOVEMBER - DECEMBER	POST MID TERM EXAMINATION	
DECEMBER	Acids, Bases and Neutralisation	Acids in everyday life General characteristics and uses of acids Bases and neutralisation
JANUARY	Acids, Bases and Neutralisation	Neutralisation in everyday life Salts
JANUARY	REVISION FOR ANNUAL EXAMINATION	
FEBRUARY	ANNUAL EXAMINATION	

Topics from Term 1 Syllabus covered before HY Exam to be included in the Annual Exam:

The Language of Chemistry - Obtaining formula of compounds and Chemical equations

BIOLOGY

MONTH	CHAPTER	SUB-TOPIC
APRIL	Growing Up: Adolescence	Introduction What causes changes during puberty? Changes during puberty
MAY	PRE MID TERM EXAMINATION	
MAY - JUNE	Growing Up: Adolescence	Nutrition, Hygiene and Safety for Adolescents
JULY - AUGUST	Inside Plant Life: Essential Processes	Introduction Nutrition in plants
AUGUST	REVISION FOR HALF YEARLY EXAMINATION	
AUGUST - SEPTEMBER	HALF YEARLY EXAMINATION	
SEPTEMBER - OCTOBER	Inside Plant Life: Essential Processes	Transport in Plants Respiration in Plants
NOVEMBER	Life Processes of the Animal World	Introduction Nutrition in Animals
NOVEMBER - DECEMBER	POST MID TERM EXAMINATION	
DECEMBER	Life Processes of the Animal World	Nutrition in Animals (contd...) in Animals
JANUARY		Respiration in Animals(contd...)
JANUARY	REVISION FOR ANNUAL EXAMINATION	
FEBRUARY	ANNUAL EXAMINATION	

Topics from Term 1 Syllabus covered before HY Exam to be included in the Annual Exam:

Inside Plant Life: Essential Processes

HISTORY AND CIVICS

MONTH	CHAPTER	SUB-TOPIC
APRIL	New Beginnings: Cities and States	Janapadas and Mahajanapadas Early Democratic Traditions More Innovations The Varna-Jati System Developments Elsewhere in India
APRIL	From the Rulers to the ruled : Types of Government	What is Government? What are its Functions? What is Democracy? Functions of Governments Democratic Governments around the World A Peek into History
MAY	From the Rulers to the ruled : Types of Government	Other Forms of Governments Why Democracy Matters? Case study under Dictatorship
MAY-JUNE	PRE-MID TERM EXAMINATION	
JUNE	The Rise of Empires	What is an Empire? The Rise of Magadha The Arrival of the Greeks The Mighty Mauryas The King Who Chose Peace Life in the Mauryan period Some Contributions of the Mauryas The Fragile Nature of Empires
JULY	The Gupta Era -An Age of Tireless Creativity	A New Power Emerges A Traveller's Account of Indian Society in the Gupta Age Glimpses of the Gupta Empire New Ideas and Wonders:The Classical Age The Quest for Beauty The Decline of the Guptas Meanwhile in the South and Northeast Various aspects of Gupta art
JULY	The Constitution of India -- An Introduction.	"What Shaped and Influenced the Indian Constitution" Key features of the Constitution of India The Constitution is a Living Document Understanding the Preamble: The Guiding Values of the Constitution of India
JULY -AUGUST	The Age of Reorganisation	Surge of the Shungas The Satavahanas Coming of the Chedis Kingdoms and Life in the South Invasions of the Indo-Greeks The Emergence of the Kushanas
AUGUST	How the Land Becomes Sacred	What is Sacredness? Pilgrimages
AUGUST	HALF YEARLY EXAMINATION	

HISTORY AND CIVICS

Contd....P/2

SEPTEMBER	THE STATE, GOVERNMENT AND YOU	What is a State? What is a Government? Democracy and Republic India, A Republic that protects the rights of all Legislature: The law making body Executive: The law-implementing and policy making body Judiciary: The Watchdog The Government and You Tiers of Government
OCTOBER-	EMPIRES AND KINGDOMS : 6th TO 10th CENTURIES	The 'Great King of Kings' A Tripartite Struggle for Kannauj Kashmir The Deccan and Beyond Other developments Foreign invasions Taking stock
NOVEMBER	TURNING TIDES: 11th and 12th CENTURIES	The Ghaznavid Invasions Eastern India Further South Back to the North Governance, Trade and Cultural life Taking stock
DECEMBER - JANUARY	INDIA, A HOME TO MANY	The Story of Indian Jews The Syriac Christian Community The Legend of the Parsi Wise Man, Milk and Sugar The Arab Merchant Community The African Connection The Armenians in India The Baha'i Community in India The 'Good Maharaja and the Polish Children' Tibetan Refugees in India The Whole World is Family Indian Values Beyond India
JANUARY	REVISION FOR ANNUAL EXAMINATION	
FEBRUARY	ANNUAL EXAMINATION	

Topics from Term 1 Syllabus covered before HY Exam to be included in the Annual Exam

History	The Gupta Era : An Age of Tierless Creativity
Civics	The Constitution of India - An Introduction

GEOGRAPHY AND ECONOMICS

MONTH	CHAPTER	SUB-TOPIC
APRIL	Chap 2 (Book1) Understanding the Weather	Weather and its Elements Weather Instruments Weather Stations
	Chap 11 (Book1) From Barter to Money	Why do we need Money? Basic Functions of Money
MAY	PRE MID TERM EXAMINATION	
MAY	Chap 11 (Book1) From Barter to Money	Journey of Money
	Geographical Diversity of India	Himalayas
JUNE	Geographical Diversity of India	The Gangetic Plains The Great Indian Desert The Peninsular Plateau
JULY	Geographical Diversity of India	India's Amazing Coastlines Indian Islands (PROJECT WORK only)
	Understanding Markets	What is a Market? Markets Around Us Domestic and international markets Role of markets in people's Lives Ensuring Quality and Safety Standards
	Climates of India	Weather, Seasons and the Climate Factors Determining the Climate
AUGUST	REVISION FOR HALF YEARLY EXAMINATION	
AUGUST - SEPTEMBER	HALF YEARLY EXAMINATION	
SEPTEMBER	Climates of India	The Monsoons Climate and our Lives
OCTOBER	Climates of India	Climate and Disasters (Project Only)
	Banks and Magic of Finance (Book2)	What are banks and what do they do
NOVEMBER	Banks and Magic of Finance (Book2)	RBI Payment Modes and Systems Financial frauds and how to prevent them (Pictorial Learning)
	India and her neighbours (Book2)	India and her Land Based Neighbours India's Maritime Neighbours (Project Only)
NOVEMBER - DECEMBER	POST MID TERM EXAMINATION	

GEOGRAPHY AND ECONOMICS

Contd....P/2

DECEMBER	How the Land becomes Sacred (Book1)	Becoming Aware of Sacred Geography Sacred Ecology Trees Forests and Sacred Groves From Pilgrimage to Trade Restoring and Conserving the Sacred
DECEMBER	The Story of Indian Farming (Book2)	What is Agriculture? The Rhythm of Seasons and Crops How is Soil Formed Soils of India and its linkage with crop
JANUARY	The Story of Indian Farming (Book2)	Contemporary Agriculture Sustainable Pathways
	Infrastructure: Engine of India's Development	Transportation Infrastructure Communications Infrastructure
JANUARY	REVISION FOR ANNUAL EXAMINATION	
FEBRUARY	ANNUAL EXAMINATION	

Topics from Term 1 Syllabus covered before HY Exam NOT TO BE INCLUDED in the Annual Exam

COMPUTER SCIENCE, COMPUTATIONAL THINKING & AI

MONTH	CHAPTER	SUB-TOPIC
APRIL	Playing and Editing Audio	Beginning with Audacity
		Editing in Audacity
		Practice Session
	Working with Narrations	Recording a Narration
		Enhancing the Narration
		Practice Session
MAY	PRE MID TERM EXAMINATION	
MAY - JUNE	Beginning with C++	OOPs Concepts, Introduction to C++
		Creating a Basic C++ Program using Class and main () function
		Compiling and Executing the program
JULY	Storing and Using Data	Variables and Data Types
		Types of Operators
	AI Domains and Applications (AI)	Rule-based classification
		Predictive techniques (Regression) and clustering
	Using Conditional Constructs	Introduction to if-else
If-else-if and Logical Operators		
AUGUST	Using Conditional Constructs	Practice Session
	AI in Industries (AI)	Decision making systems and real world logic in healthcare, transport and education
	A Peek Beyond the Point (CT)	Decimal and Binary number systems
	SEPTEMBER	REVISION FOR HALF YEARLY EXAMINATION
HALF YEARLY EXAMINATION		
SEPTEMBER	Programming Using Loops	Pre-Tested Loop
		Post-Tested Loop
		Fixed Execution Loop
	Data Visualization and Analysis(AI)	Structured decision- making
		Data Interpretation and identifying trends
OCTOBER	Ethics and AI Bias Awareness(AI)	Ethical reasoning, Bias detection
		Structured human-in-the-loop logic
NOVEMBER	Storing Information Effectively	Setting Primary Key
		Inserting Data
		Creating Foreign Key
		Creating Database
		Creating Tables
	Number Play(CT)	Binary logic
Truth table based reasoning		
DECEMBER	REVISION	
	POST MID TERM EXAMINATION	
DECEMBER	Retrieving Data from Database	Managing Records
		Creating Queries Using Query Wizard & Query Design
	Designing Forms and Reports	Creating Forms Using Form Wizard
		Creating Forms Using Design View
JANUARY	Designing Forms and Reports	Creating Reports Using Report Wizard
		Formatting Reports
		Practice Session
		REVISION FOR ANNUAL EXAMINATION
FEBRUARY	ANNUAL EXAMINATION	

Topics from Term 1 Syllabus covered before HY Exam to be included in the Annual Exam

Beginning with C++

Storing and Using Data

Using Conditional Constructs

G.K. & VALUE EDUCATION

MONTH	GENERAL KNOWLEDGE	VALUE EDUCATION
APRIL	Nature	The Bandage Brigade The Priceless Gifts
MAY	India	The Wise Friend Civic Sense
JUNE	Around The World	The Path of Peace
JULY	Language	A Man of Courage Faith in God
AUGUST	Science Current Affairs	Sacrifice Patience Pays
AUGUST - SEPTEMBER	HALF YEARLY EXAMINATION	
SEPTEMBER	Sports	
OCTOBER	Entertainment	A Caring Heart
NOVEMBER	Life Skills	Simple Living A Little Girl
DECEMBER	Open the Bag of Fun	Speak up for Safety The Solar Secret
JANUARY	Current Affairs	Kind Words Divine Qualities
FEBRUARY	ANNUAL EXAMINATION	

SKILL EDUCATION

Name of the Project	MONTH	SUB-TOPIC
Project - 1 School Habitat Garden	Apr - June	Sensitising students about the animals and birds found around the school and their habitats Effect of habitat change
	July - Aug	Creating a Habitat Garden in school leading to biodiversity awareness and recognising animal behaviour
	Sept - Nov	Interaction with an expert Apply principles of garden design
	Dec - Jan	Develop environmental responsibility by regular monitoring of the Habitat Garden
Project 2 Tie and Dye	Apr - June	Bandhani tying technique Students will learn about Ekdali, Trukunti, Chaubasi & Satbandi patterns
	July - Aug	Preparation of dye Students will prepare natural dyes, selecting the ingredients based on the colour of the dye being prepared. (e.g., turmeric / marigold flowers for yellow, beetroot for pink, spinach leaves for green, blue hibiscus / blueberry / blue pea flower for blue)
	Sept - Nov	Documenting a swatch file Students will create a swatch file to display their samples
	Dec - Jan	Making the final product Students will create a product based on their choice using the steps they have learned throughout the year
Project 3 Storytime with Puppets	Apr - June	Introduction to story time with Puppets - (a) Meaning and Purpose (b) Kinds and Types
	July - Aug	Types and components of Puppet show - (a) Story Telling (b) Puppet
	Sept - Nov	Steps to make puppets
	Dec - Jan	Organising a puppet show with story telling and presentation