

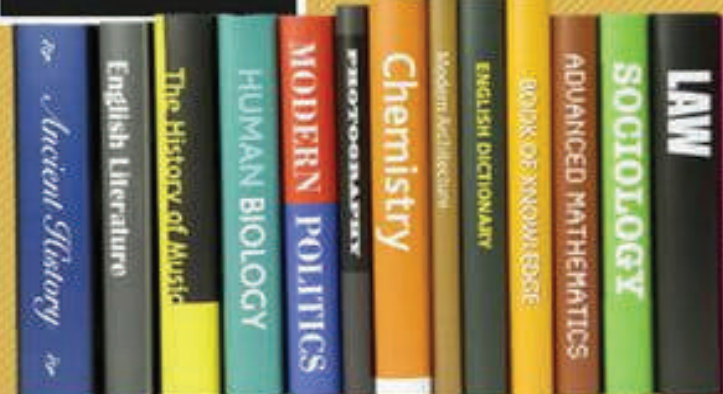


**DELHI PUBLIC SCHOOL
DURGAPUR**



Syllabus

**CLASS – 8
2026 – 27**



ENGLISH

MONTH	READING	WRITING	GRAMMAR	LITERATURE
APRIL	A Runaway Kite	Dialogue writing Paragraph writing	Sentences - Kinds Subject-Predicate Determiners, Prepositions	The Night the Ghost Got In The Lake Isle of Innisfree Marshland
MAY	PRE MID TERM EXAMINATION			
MAY	The Nightingale and the Glowworm	Diary Entry	Transitive- Intransitive Verb, Subject- Verb Agreement, Conjunctions	The Narayanpur Incident
JUNE	Snake Trouble	Magazine Article	Voices	The Narayanpur Incident (cont.) The Rock and the Sea
JULY	A Newspaper is a Collection of Half Injustices	Formal Letter E-mail	Adverbs Non-finites	Melting Ice in Alaska Patol Babu Filmstar
AUGUST	The Secret of the Machines	Notice, Speech writing (activity)	Non-finites (cont.)	The Greatest Olympic Prize Failure
AUGUST	REVISION FOR HALF YEARLY EXAMINATION			
AUGUST - SEPTEMBER	HALF YEARLY EXAMINATION			
SEPTEMBER	The Stalled Ox	Story Writing	Phrases and Clauses	The Boy Who Broke the Bank Helen Keller
OCTOBER	Her First Party	Debate (activity)	Tenses, Modals	The Visitor Saving the Gharial
NOVEMBER	Crackers in a Pot	Report Writing (magazine)	Reported Speech	The Stolen Bacillus
NOVEMBER - DECEMBER	POST MID TERM EXAMINATION			
DECEMBER	The Model Millionaire	Report Writing (newspaper)	Reported Speech (cont.) Transformation of sentences	The Elephant and the Tragopan The Three Caskets
JANUARY	Springtime a la carte	Report Writing (cont.)	Transformation of Sentences (cont.)	The Three Caskets (cont.)
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 & WRITING

Email Writing
Phrases and Clause
Non Finites
Preposition
Conjunction

LITERATURE

Patol Babu Film Star
The Lake Isle of Innisfree

HINDI 2ND LANGUAGE

MONTH	LANGUAGE	LITERATURE
APRIL	अपठित गद्यांश, कारक, विलोम शब्द (1-25) पर्यायवाची शब्द (1-25), अनुच्छेद लेखन	जीवन नहीं मरा करता है, दो कलाकार
MAY	PRE MID TERM EXAMINATION	
MAY	समास	ठीक निशाने पर
JUNE	उपसर्ग-प्रत्यय, चित्र वर्णन	नमक का दारोगा (कहानी संचय)
JULY	अनौपचारिक पत्र, संवाद लेखन	अंबर की बातें क्या जानूँ, जहाँनारा
AUGUST	लघु कथा लेखन	अनोखी कलाकृति (कहानी संचय)
AUGUST	REVISION FOR HALF YEARLY EXAMINATION	
AUGUST - SEPTEMBER	HALF YEARLY EXAMINATION	
SEPTEMBER	औपचारिक पत्र	भारतगान
OCTOBER	रचना के आधार पर वाक्य के भेद और परिवर्तन	महायज्ञ का पुरस्कार
NOVEMBER	शब्द और पद, पदबंध, अनुस्वार-अनुनासिक	सारनाथ
NOVEMBER - DECEMBER	POST MID TERM EXAMINATION	
DECEMBER	मुहावरे (1-30), सूचना लेखन, विज्ञापन लेखन	अनजाना चेहरा (कहानी संचय), बीज पौध का जन्म
JANUARY	ई-मेल लेखन	कुंडलियाँ, टूटा किनारा (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 अपठित गद्यांश, अनौपचारिक पत्र, अनुच्छेद लेखन, लघु कथा लेखन

LITERATURE दो कलाकार

BENGALI 2ND LANGUAGE

MONTH	LANGUAGE	LITERATURE
APRIL	বোধ পরীক্ষণ। স্বরসন্ধি, ব্যঞ্জনসন্ধি। অনুচ্ছেদ।	তোতা কাহিনী (গদ্য)। জীবনভিক্ষা (কবিতা)
MAY	PRE MID TERM EXAMINATION	
MAY	সাধু চলিত।	আগামী (কবিতা)। ছিনাথ বহুরূপী (সহায়ক পাঠ)
JUNE	বিসর্গ সন্ধি। বাক্য পরিবর্তন(অর্থগত)।	ঈশ্বরচন্দ্রের নির্ভীকতা (সহায়ক পাঠ)
JULY	সমাস- দ্বন্দ্ব, তৎপুরুষ, কর্মধারয়। উপসর্গ।	যাত্রাপথে (গদ্য)।
AUGUST	সম্পাদকীয় পত্র।	অপুর কল্পনা (গদ্য)।
AUGUST	REVISION FOR HALF YEARLY EXAMINATION	
AUGUST - SEPTEMBER	HALF YEARLY EXAMINATION	
SEPTEMBER	সমাস- অব্যয়ীভাব, দ্বিগু, বহুব্রীহি। শব্দগত শুদ্ধীকরণ।	পদ্মানদীর মাঝি (গদ্য)।
OCTOBER	সম্পাদকীয় পত্র।	ছোটোর দাবী (কবিতা)
NOVEMBER	বিপরীতার্থক শব্দ। অনুচ্ছেদ।	যোগেন পণ্ডিত (সহায়ক পাঠ)
NOVEMBER - DECEMBER	POST MID TERM EXAMINATION	
DECEMBER	অনুচ্ছেদ।	বাংলার মুখ আমি দেখিয়াছি (কবিতা)
JANUARY	বোধ পরীক্ষণ। সম্পাদকীয় পত্র।	বাংলার মুখ আমি দেখিয়াছি (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

বাক্য পরিবর্তন (অর্থগত)
 স্বরসন্ধি, ব্যঞ্জনসন্ধি, বিসর্গসন্ধি
 সমাস - দ্বন্দ্ব, তৎপুরুষ, কর্মধারয়

LITERATURE

আগামী (কবিতা)
 তোতা কাহিনী(গদ্য)
 ছিনাথ বহুরূপী(সহায়ক পাঠ)

HINDI 3RD LANGUAGE

MONTH	LANGUAGE	LITERATURE
APRIL	अपठित गयांश, संज्ञा, अनुच्छेद लेखन, लिंग	भारत की संतान, सबसे अच्छा बस्ता
MAY	PRE MID TERM EXAMINATION	
MAY	सर्वनाम	दीए का अहंकार
JUNE	चित्र वर्णन	बीरबल की होशियारी
JULY	अनौपचारिक पत्र, विशेषण	धूर्त बगुला
AUGUST	मुहावरे	ईदगाह
AUGUST	REVISION FOR HALF YEARLY EXAMINATION	
AUGUST - SEPTEMBER	HALF YEARLY EXAMINATION	
SEPTEMBER	विलोम शब्द, विराम चिह्न	न्यायप्रिय राजा
OCTOBER	औपचारिक पत्र	अखबार
NOVEMBER	वाक्यांश के लिए एक शब्द, पर्यायवाची शब्द	सच्चा हीरा
NOVEMBER - DECEMBER	POST MID TERM EXAMINATION	
DECEMBER	विज्ञापन लेखन	हम सब सुमन एक उपवन के
JANUARY	अनुच्छेद लेखन	महाराजा रंजीत सिंह
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 गयांश, मुहावरे
चित्र वर्णन, लिंग

LITERATURE

बीरबल की होशियारी

BENGALI 3RD LANGUAGE

MONTH	LANGUAGE	LITERATURE
APRIL	এক কথায় প্রকাশ। অনুচ্ছেদ। বোধ পরীক্ষণ।	যখনকার যা, তখনকার তা(কবিতা) আমার ছেলেবেলা (গদ্য)
MAY	PRE MID TERM EXAMINATION	
MAY	লিঙ্গ। বোধ পরীক্ষণ।	লাডাকের বুনো হাঁস (গদ্য)
JUNE	পদ - বিশেষ্য, বিশেষণ, সর্বনাম, অব্যয়, ক্রিয়া	লড়বে না কি (কবিতা)
JULY	পত্র লিখন (ব্যক্তিগত)	চালিয়াত (গদ্য), কালো কালো মেঘগুলি (কবিতা)
AUGUST	বচন, অনুচ্ছেদ	কালো কালো মেঘগুলি (কবিতা)
AUGUST	REVISION FOR HALF YEARLY EXAMINATION	
AUGUST - SEPTEMBER	HALF YEARLY EXAMINATION	
SEPTEMBER	সমার্থক শব্দ	মহিষাসুর (গদ্য)
OCTOBER	বোধ পরীক্ষণ। ক্রিয়ার কাল।	মহিষাসুর (গদ্য)
NOVEMBER	পত্র লিখন (ব্যক্তিগত)। অনুচ্ছেদ।	অকর্মার বিভ্রাট (কবিতা)
NOVEMBER - DECEMBER	POST MID TERM EXAMINATION	
DECEMBER	বিপরীতার্থক শব্দ, সমার্থক শব্দ	কবি ও নোবেল পুরস্কার (গদ্য)
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

এক কথায় প্রকাশ

লিঙ্গ

LITERATURE

কালো কালো মেঘগুলি (কবিতা)

লাডাকের বুনো হাঁস (গদ্য)

SANSKRIT 3RD LANGUAGE

MONTH	LANGUAGE	LITERATURE
APRIL	अपठितगद्यांशः, वर्णविन्यासः, शब्दरूपाणि, धातुरूपाणि, समयलेखनम्।	क्रिकेट-क्रीडा, बीरबलस्य चातुर्यम्
MAY	PRE MID TERM EXAMINATION	
MAY	अपठितगद्यांशः	सुवचनानि
JUNE	वर्णसंयोजनम्	शृगालकथा
JULY	चित्रवर्णनम्	ईश्वरः यत्करोति शोभनं करोति
AUGUST	शब्दरूपाणि, धातुरूपाणि	वरं बुद्धिर्न सा विद्या, साहित्य-सुधा
AUGUST	REVISION FOR HALF YEARLY EXAMINATION	
AUGUST - SEPTEMBER	HALF YEARLY EXAMINATION	
SEPTEMBER	शब्दरूपाणि, धातुरूपाणि	अन्तर्जालम्
OCTOBER	अपठितगद्यांशः	गोवाप्रदेशः
NOVEMBER	चित्रवर्णनम्	दुर्बलानां बलं युक्तिः, प्रकाशस्य परावर्तम् अपवर्तनं च
NOVEMBER - DECEMBER	POST MID TERM EXAMINATION	
DECEMBER	शब्दरूपाणि, धातुरूपाणि	भारतस्य संविधानम्
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, समयलेखनम्

LITERATURE

सुवचनानि
वरं बुद्धिर्न सा विद्या
साहित्य-सुधा

Syllabus



**DELHI PUBLIC SCHOOL
DURGAPUR**



MATHEMATICS

MONTH	CHAPTER	SUB-TOPIC
APRIL	A Square and A Cube	Square Numbers
		Cubic Numbers
		A pinch of History
	Power Play	Experiencing the Power Play
		Exponential Notation and Operations
		The Other Side of Powers
		Powers of 10
		A Pinch of History
MAY	PRE MID TERM EXAMINATION	
MAY	A Story of Numbers	Reema's Curiosity
		Some Early Number Systems
		The Idea of a Base
		Place Value Representation
MAY	Quadrilaterals	Rectangles and Squares
		Angles in a Quadrilateral
		More Quadrilateral with Parallel Opposite Sides
JUNE	Quadrilaterals (Continued)	Quadrilaterals with Equal Side lengths
		Playing with Quadrilaterals
		Kite and Trapezium
	We Distribute, Yet Things Multiply	Some Properties of Multiplications
		Special Cases of the Distributive Property
		Mind the Mistake, Mend the Mistake
		This Way or That Way, All Ways Lead to the Bay
JULY	Algebra Play	Algebra Play
		Number Pyramids
		Fun with Grids
		The Largest Product
		Decoding Divisibility Tricks
	Proportional Reasoning-1	Observing Similarity in Change
		Ratios
		Ratios in their Simplest Form
		Problem Solving with Proportional Reasoning
		Sharing, but Not Equally
		Unit Conversions
		Fractions as Percentages

MATHEMATICS

Contd....P/2

	Fractions in Disguise	Percentage of Some Quantity
		Using Percentages
AUGUST	Fractions in Disguise (Continued)	Using Percentages
AUGUST	REVISION FOR HALF YEARLY EXAMINATION	
AUGUST - SEPTEMBER	HALF YEARLY EXAMINATION	
SEPTEMBER	The Baudhayana-Pythagoras Theorem	Doubling a Square
		Halving a Square
		Hypotenuse of an Isosceles Right Triangle
		Combining Two Different Squares
		Right-Triangles Having Integer Sidelengths
		A Long-Standing Open Problem
		Further Applications of the Baudhāyana
		Pythagoras Theorem
OCTOBER	Area	Rectangle and Squares
		Area of Triangle, Parallelogram, Rhombus, Trapezium and any Polygon
NOVEMBER	Exploring Some Geometric Themes	Fractals
		Visualising Solids
	POST MID TERM EXAMINATION	
	Proportional Reasoning-2	Proportionality — A Quick Recap
		Ratios in Maps
		Ratios with More than 2 Terms
		Dividing a Whole in a Given Ratio
		A Slice of the Pie
		Inverse Proportions
DECEMBER	Number Play	Is This a Multiple Of?
		Checking Divisibility Quickly
		Digits in Disguise
	Tales by Dots and Lines	The Balancing Act
		Visualising and Interpreting Data
JANUARY	Tales by Dots and Lines (continued)	Visualising and Interpreting Data
JANUARY	REVISION FOR ANNUAL EXAMINATION	
FEBRUARY	ANNUAL EXAMINATION	

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

Power Play
 Quadrilaterals
 Proportional Reasoning-1
 Fractions in Disguise

PHYSICS

MONTH	CHAPTER	SUB-TOPIC
APRIL	Electricity: Magnetic and Heating Effects	Magnetic effect of current Electromagnets Heating effect of electric current Factors influencing heat produced in a wire
MAY	PRE MID TERM EXAMINATION	
MAY - JUNE	Electricity: Magnetic and Heating Effects	Applications of heating effect of electric current Drawbacks of the heating effect Electric Cells and batteries Voltaic Cell Dry Cells Rechargeable Batteries
JULY - AUGUST	Exploring Forces	Forces at play Understanding force and its effects Forces as interactions Different kinds of forces around us Contact Forces Non-contact Forces Weight and its measurement Floating and sinking
AUGUST	REVISION FOR HALF YEARLY EXAMINATION	
AUGUST - SEPTEMBER	HALF YEARLY EXAMINATION	
SEPTEMBER	Pressure, Winds, Storms and Cyclones	Pressure Pressure exerted by liquids Pressure exerted by air Formation of wind Storms, thunder and lightning Safety during lightning
OCTOBER		Cyclones Destructive impacts of cyclones Preparedness and safety measures

PHYSICS

Contd....P/2

NOVEMBER	Light: Mirrors and Lenses	Spherical Mirrors Types of spherical mirrors Characteristics of images formed by spherical mirrors Uses of spherical mirrors Laws of reflection of light Reflection of parallel rays by mirrors
NOVEMBER - DECEMBER	POST MID TERM EXAMINATION	
DECEMBER	Light: Mirrors and Lenses	Lenses Behaviour of parallel rays when passed through lenses Uses of lenses
DECEMBER	Keeping Time With The Skies	Phases of the moon Locating the moon Why do phases occur? Measuring time with natural events Solar Time Units Lunar Time Units
JANUARY		Calendars The Indian National Calendar Festivals and Astronomical events Exploring Space with Artificial satellites India's Space journey
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	Particulate Nature of Matter	Composition of matter Particles in different states of matter Interparticle spacing in different states of matter Movement of particles in different states of matter
MAY	PRE MID TERM EXAMINATION	
MAY	Particulate Nature of Matter	States of matter and particulate energy Comparison of solids, liquids and gases
JUNE	Nature of Matter: Elements, Compounds and Mixtures	Matter around us What are mixtures Pure substances
JULY		Types of pure substances Mixtures vs compounds
AUGUST		Application of elements, compounds and mixtures Minerals
AUGUST	REVISION FOR HALF YEARLY EXAMINATION	
AUGUST - SEPTEMBER	HALF YEARLY EXAMINATION	
SEPTEMBER	The amazing world of solutes, solvents and solutions	Introduction to mixtures and solutions What makes a solution Amount of solute in a solvent Solubility of gases in liquids
OCTOBER		The phenomenon of floating and sinking Density
NOVEMBER		Relative density Effect of temperature on density Effect of pressure on density
NOVEMBER - DECEMBER	POST MID TERM EXAMINATION	
DECEMBER	Our home: Earth, a Unique Life Sustaining Planet	What makes the Earth so special The planets of our solar system Factors that make the Earth suitable for life - Position of the Earth, Size of the Earth
JANUARY		Factors that make the Earth suitable for life - Magnetic field of the Earth How is life sustained on Earth - Air, Water and Sunlight Soil, rocks and minerals
JANUARY	REVISION FOR ANNUAL EXAMINATION	
FEBRUARY	ANNUAL EXAMINATION	

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

Particulate Nature of Matter

BIOLOGY

MONTH	CHAPTER	SUB-TOPIC
APRIL	The Invisible Living World: Beyond Our Naked Eye	The World beyond our naked eyes What is a Cell? How cells differ in shape and structure? Levels of body organisation What are microorganisms? Microbes: Our Invisible Companions
MAY	PRE MID TERM EXAMINATION	
MAY	The Invisible Living World: Beyond Our Naked Eye	Microorganisms and food Microalgae: Small creatures making a big difference The biological basis of life: Cell
JUNE	Health: The Ultimate Treasure	The Health Question What does being healthy really mean? How to keep ourselves healthy? Building a healthy life style What does a clean environment measure? Recognising the signs of poor health
JULY	Health: The Ultimate Treasure	Causes and types of diseases Communicable diseases: Causes and mode of transmission Non communicable diseases: Causes and Prevention How can we prevent and control diseases?
AUGUST	Health: The Ultimate Treasure	How can we treat diseases? Traditional medicine system Managing non communicable diseases
AUGUST	REVISION FOR HALF YEARLY EXAMINATION	
AUGUST - SEPTEMBER	HALF YEARLY EXAMINATION	
SEPTEMBER	How nature works in Harmony	A lesson from the forest What happens when forests shrink? Understanding and experiencing our surroundings Living together in nature Importance of every organism in the community

BIOLOGY

Contd....P/2

OCTOBER	How nature works in Harmony	Interactions among organisms and their surroundings Classification of organisms Who eats whom? Trophic levels: Who stands where?
NOVEMBER	How nature works in Harmony	Food webs: Nature's network Nature's way of managing waste Impact of one change to another Interaction and balance in ecosystems
NOVEMBER - DECEMBER	POST MID TERM EXAMINATION	
DECEMBER	How nature works in Harmony	Benefits of ecosystems Nature and Farms
	Our Home: Earth, A Unique Life Sustaining Planet.	Plants, Animals and Microorganisms The importance of balance Life's secret to surviving on Earth
JANUARY		Asexual Reproduction Sexual Reproduction
JANUARY	REVISION FOR ANNUAL EXAMINATION	
FEBRUARY	ANNUAL EXAMINATION	

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

Health : The Ultimate Treasure

HISTORY AND CIVICS

MONTH	CHAPTERS	SUB- TOPICS
APRIL	Reshaping India's Political Map	Concept of 'medieval' and a brief account of 11th to 13th century in India The Rise and Fall of the Delhi Sultanate Resistance to Delhi Sultanate The Vijaynagar Kingdom and Krishnadevaraya The Mughals Resistance to the Mughals Jat peasantry Tribals (Bhils, Gonds, Santhals, Kochs)- Case of Rani Durgavati Surge of the Rajputs, Ahoms, Sikhs Administering India- Administration under Delhi Sultanate and the Mughals People's lives
APRIL	Universal Franchise and India's Electoral System	Universal Adult Franchise Bridging Barriers, Enabling Participation: The Role of the Election Commission of India (ECI) Election Commission of India- A brief introduction Managing the electoral process Model Code of Conduct (MCC) Understanding Elections in India- A Very Brief Overview Election to the Rajya Sabha Election of the President of India Election of the Vice President of India Challenges and the Road Ahead
MAY	PRE-MID TERM EXAMINATION	
MAY	The Colonial Era in India	The Age of Colonialism Europeans in India- The Portuguese commerce and atrocities The Dutch commerce and competition The French: colonial ambitions Enter the British- From traders to rulers
JUNE	The Colonial Era in India	The strategy of 'divide and rule' From Paradise to Hell- Devastating famines; The drain of India's wealth Changing Landscapes- Decline of India's indigenous industries Dismantling traditional governance structures; Transforming Indian education: creating 'brown Englishmen' Reshaping economic structures to serve imperial needs Early Resistance Movements: Challenging Colonial Authority- Tribal uprisings; Peasant uprisings against economic exploitation. The Great Rebellion of 1857 The Legacy of European colonialism in India- Two heroines Rani Lakshmibai of Jhansi Begum Hazrat Mahal of Awadh

HISTORY AND CIVICS

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JULY	The Parliamentary System: Legislature and Executive	Composition of the Parliament of India Function Legislative Functions of the Parliament Executive Functions of Parliament Differences between the Legislature and the Executive The Judiciary- Role of Checks and Balances Legislative and Executive Functions at the State Level Parallel Structure of Union and State Governments Structure of State Legislatures Challenges to the effective functioning of the Legislatures
JULY- AUGUST	The Rise of the Marathas	Who are the Marathas? Foundation of Maratha Power and the Rise of Shivaji The Marathas after Shivaji Maratha Administration-Civil administration, Military Administration ,Maritime supremacy, Judicial system, Trade networks The mighty Maratha women Cultural Revival- In focus: Thanjavur; The Maratha legacy
AUGUST	REVISION FOR HALF YEARLY EXAMINATION	
AUGUST - SEPTEMBER	HALF YEARLY EXAMINATION	
SEPTEMBER		Remaining Syllabus break-up will be updated soon
OCTOBER		
NOVEMBER		
NOVEMBER - DECEMBER	POST MID TERM EXAMINATION	
DECEMBER		Remaining Syllabus break-up will be updated soon
JANUARY		
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 Colonial Era in India
Civics	The Parliamentary System

GEOGRAPHY AND ECONOMICS

MONTH	CHAPTERS	SUB- TOPICS
APRIL	Natural Resources : Concept and Uses (EMPOWER)	How does Nature become a Resource? Classification of Resources
APRIL	Factors of Production (NCERT)	Factors of Production - Land, Labour
MAY	PRE-MID TERM EXAMINATION	
JUNE	Natural Resources : Concept and Uses (Contd.)	Nature's Principle of Restoration and Regeneration Distribution of Natural Resources and its Implication Case Study to be done as Activity
JULY	Factors of Production (Contd.)	Capital Entrepreneurship Technology : An Enabler of Production How are the Factors Connected? Responsibilities Towards Factors of Production
AUGUST		Remaining Syllabus break-up will be updated soon
AUGUST	REVISION FOR HALF YEARLY EXAMINATION	
AUGUST - SEPTEMBER	HALF YEARLY EXAMINATION	
SEPTEMBER		Remaining Syllabus break-up will be updated soon
OCTOBER		
NOVEMBER		
NOVEMBER - DECEMBER	POST MID TERM EXAMINATION	
DECEMBER		Remaining Syllabus break-up will be updated soon
JANUARY		
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	Creating Planes for 3D Models	Creating a Plane
	Designing 3D Objects	Drawing Walls, Drawing Stairs
	Working with 3D Models	Adding Text and Colour Downloading Models and Creating a Video
MAY	PRE MID TERM EXAMINATION	
MAY - JUNE	Creating My First Video	Getting Started with Video Editing Developing Movie Projects Exporting a Movie into WMV Format
JUNE	Creating A Documentary	Modifying a Video Making the Video Presentable
JULY	Applying Special Effects	Visual and Audio Effects Adding Text to Video
	AI Project Lifecycle	Stepwise problem solving Data analysis and logic
	New Trends on the Internet	Interacting on the Internet Introduction to Web 2.0 Wikis, Blogs Online Encyclopedia Google Maps e-Communities& Social Networking Cloud Computing ,Mobile Computing Cyber Security
AUGUST	Artificial Intelligence and its Applications	Recognizing patterns to solve real world problems
	Programming with C++	Recap of C++-Level1 Accepting User Inputs Choosing Operations Using User-defined Functions Creating Arrays
AUGUST	REVISION FOR HALF YEARLY EXAMINATION	
AUGUST - SEPTEMBER	HALF YEARLY EXAMINATION	
SEPTEMBER	A Story of Numbers	Number System
	Beginning with OOPs	Creating Class Creating objects of a Class Calling Function using Object
OCTOBER	Inheritance and Function Overloading	Implementing Inheritance Implementing Function Overloading
NOVEMBER	Using the C++ Library	Library Functions

COMPUTER SCIENCE, COMPUTATIONAL THINKING & AI

Contd....P/2

NOVEMBER	Data and Fairness in AI	Identifying Bias Logical sequence of unbalanced data
NOVEMBER	Ethics and Responsible AI	Ethical decision making, Accountability and critical thinking regarding misinformation
NOVEMBER - DECEMBER	POST MID TERM EXAMINATION	
JANUARY	Java – A Cup of Coffee Storing and Operating on Data	Introduction OOPs Concepts Program Creation and Execution Variables and Data Types Types of Operators
	(Bridge Course in Programming) Beginning with C++ Storing and Using Data	Define Class, Object, Variables, Identifying Operators Compiling and executing a C++ program
	REVISION FOR ANNUAL EXAMINATION	
FEBRUARY	ANNUAL EXAMINATION	

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

New Trends on the Internet

Programming with C++

G.K. & VALUE EDUCATION

MONTH	GENERAL KNOWLEDGE	VALUE EDUCATION
APRIL	Nature	Clean up Crew The Real King
MAY	India	Small Hands,Big Hearts Kindness Repaid
JUNE	Around the World	Jenny The Gold Necklace
JULY	Language	Tit for Tat Bhishma's Vow
AUGUST	Science Current Affairs	
AUGUST - SEPTEMBER	HALF YEARLY EXAMINATION	
SEPTEMBER	Sports	Laughter is the Best Medicine Socrates
OCTOBER	Entertainment	Overcoming Overpopulation Sadhu's Anger
NOVEMBER	Life Skills	Pride Humility
DECEMBER	Open the Bag of Fun	Junn The Change-Maker: Raja Ram Mohan Roy
JANUARY	Current Affairs	
FEBRUARY	ANNUAL EXAMINATION	

SKILL EDUCATION

Name of the Project	MONTH	SUB-TOPIC
Project - 1 Hydroponics	Apr - June	Growing microgreens for preparing a healthy salad
	July - Aug	Building a hydroponic system using 'Wick Method'
	Sept - Nov	Building a hydroponic system using deep water culture (DWC) or Bucket Method
	Dec - Jan	Building a hydroponic system using Nutrient film Technique
Project 2 Home Automation	Apr - June	Knowing electronic components used in automation systems.
	July - Aug	Exploring circuits using a simulation platform
	Sept - Nov	Designing an automatic street light system
	Dec - Jan	Designing an automation device of student's own choice
Project 3 Creating Advertisements	Apr - June	Introduction to Advertisements - (a) Meaning and Purpose (b) Kinds and Types
	July - Aug	Types and components of Advertisements - (a) Features (b) Target Audience
	Sept - Nov	Components of an Advertisement Language Techniques in Advertising Steps to create advertisements
	Dec - Jan	Writing a classified advertisement / poster advertisement Designing an advertisement for a school event