

ENGLISH

MONTH	UNIT	LITERATURE READER	WRITING	GRAMMAR	SUPPLEMENTARY READER
		(First Flight)			(Foot Prints With Out Feet)
March	1	A Letter to God (P) Dust of Snow (V)			
April	2	Nelson Mandela (P) Fire and Ice (V)	Speech	Verb Forms	A Triumph of Surgery
May	3	Two Stories About Flying (P) From the Diary of Anne Frank (P)		Subject Verb Concord	The Thief's Story
May	4	A Tiger in the Zoo (V) How to Tell Wild Animals (V)	Story Writing	Tenses	continued
June	5	The Hundred Dresses I (P) The Hundred Dresses II (P)	Magazine article	Determiners	The Midnight Visitor
June	6	The Ball Poem (V)	continued	Phrases- Clauses types	A Question of Trust
Periodic Test I					
July	7	Glimpses of India(P)		Use of Passives	Footprints without Feet
July	8	Mijbil the Otter (P) Animals (V) Amanda(V)	Formal Letter	cont'd	cont'd
August	9	Madam Rides the Bus (P) The Trees (V)	Business Letter	Integrated Grammar	continued
August	10	The Sermon at Benaras (P)	continued	Modals	The Making of a Scientist
September	11	For Anne Gregory (V)	Diary Entry	Integrated Grammar	The Necklace
September	12	Revision	Revision	Revision	Revision
Periodic Test II					
October	13	Fog (V) The Tale of Custard the Dragon (P)	Formal Letter	Reported Speech	The Hack Driver
November	14	The Proposal (P)		Connectors Prepositions	Bholi The Book that saved the Earth

ENGLISH

MONTH	UNIT	LITERATURE READER	WRITING	GRAMMAR	SUPPLEMENTARY READER
		Revision	Revision	Revision	Revision
December	15	Periodic Test III			
Revision					
January	16	Pre Board			

Note : The Final Assessment will be on all the chapters taught throughout the year
P) : Prose. (V) : Verse

HINDI

- Name of the books- 1. Sparsh –part-2
2. Sanchayan- Part-2
3. Vyakaran Darshika

MONTH	UNIT	LITERATURE	LANGUAGE
APRIL	I	बड़े भाई साहब, डायरी का एक पन्ना	शब्द व पद में अंतर, वाक्य-रूपांतरण
APRIL	II	साखी - कबीर	वाक्य शुद्धीकरण, मुहावरे
MAY	III	पद - मीरा	अनुच्छेद लेखन, संवाद लेखन
JUNE	IV	ततौरा वामीरो कथा, पर्वत प्रदेश में पावस	समास
Periodic Test-I			
JULY	V	हरिहर काका	सूचना लेखन, औपचारिक पत्र
JULY	VI	मनुष्यता	विज्ञापन लेखन
AUGUST	VII	बिहारी के दोहे, अब कहाँ दूसरों के दुख से दुखी होने वाले	अपठित गद्यांश
AUGUST	VIII	तोप, सपनों के से दिन	अपठित पद्यांश
SEPTEMBER	IX	पुनरावृत्ति	
Periodic Test-II			
OCTOBER	X	पतझर में टूटी पत्तियाँ, आत्मत्राण, कर चले हम फिदा	सूचना लेखन, विज्ञापन वाक्य शुद्धीकरण, मुहावरे
NOVEMBER	XI	कारतूस	समास, वाक्य-रूपांतरण
NOVEMBER	XII	टोपी शुक्ला	औपचारिक पत्र
DECEMBER	XIII	पुनरावृत्ति	पुनरावृत्ति
Periodic Test-III			
JANUARY	XIV	पुनरावृत्ति	
Pre- Board			
Entire syllabus as prescribed by CBSE			

BENGALI

Month	Unit	Topic
April	1	সাহিত্য- জ্ঞানচক্ষু (গদ্য) ব্যাকরণ- ব্যঞ্জনসন্ধি রাজকাহিনী – শিলাদিত্য
April	2	ব্যাকরণ – বিসর্গ সন্ধি রাজকাহিনী - শিলাদিত্য
May	3	সাহিত্য- তিন পাহাড়ের কোলে (কবিতা) ব্যাকরণ- সমাস – দ্বন্দ্ব, কর্মধারয়, অব্যয়ীভাব
Periodic Test I		
June	4	সাহিত্য- আলোবাবু (গদ্য) নির্মিতি – ব্যক্তিগত পত্র।
July	5	সাহিত্য- আয় আরো বেঁধে বেঁধে থাকি (কবিতা) নির্মিতি – ব্যক্তিগত পত্র
July	6	ব্যাকরণ- বাক্যপরিবর্তন – সরল, জটিল ও যৌগিক। বোধ পরীক্ষণ
August	7	সাহিত্য- অদল বদল (গদ্য) নির্মিতি - অনুচ্ছেদ
August	8	রাজকাহিনী- গোহ নির্মিতি - অনুচ্ছেদ
September	9	সাহিত্য- একাকারে (কবিতা) ব্যাকরণ- সাধু-চলিত রাজকাহিনী – গোহ
Periodic Test 2		
October	10	সাহিত্য- বহরুপী নির্মিতি - অনুচ্ছেদ রাজকাহিনী – বাপ্পাদিত্য
November	11	সাহিত্য - অস্ত্রের বিরুদ্ধে গান (কবিতা) বোধ পরীক্ষণ রাজকাহিনী – বাপ্পাদিত্য
November	12	সাহিত্য – অস্ত্রের বিরুদ্ধে গান। ব্যাকরণ – সাধু-চলিত
December	13	Revision Periodic Test 3
January	Revision Pre Board Examinations	

SANSKRIT

NAME OF THE BOOKS– 1.शेमषी भाग -2
2.व्याकरणवीथि
3.अभ्यासवान् भव

UNIT	MONTH	LITERATURE	LANGUAGE
I	APRIL	शुचिपर्यावरणम्	समयलेखनम् , अव्ययपदानि
II	APRIL	शुचिपर्यावरणम्	संधि, समास, प्रत्ययाः
III	MAY	बुद्धिर्बलवती सदा	अनुवाद , चित्रवर्णनम्
IV	JUNE	व्यायामः सदा पथ्यः	अपठितगद्यांशः
Periodic Test-I			
V	JULY	शिशुलालनम्	पत्रलेखनम्
VI	JULY	जननी तुल्यवत्सला	वाच्यपरिवर्तनम्
VII	AUGUST	सुभाषितानि	अनुवाद ,चित्रवर्णनम्
VIII	AUGUST	सोहार्द प्रकृतेः शोभा	अपठितगद्यांशः , पत्रलेखनम्
IX	SEPTEMBER	पुनरावृत्ति	पुनरावृत्ति
Periodic Test-II			
X	OCTOBER	विचित्रः साक्षी	वाक्यशुद्धीकरणम्, पत्रलेखनम्
XI	NOVEMBER	सूक्तयः , भूकम्पविभीषिका (न परीक्षाकृते)	समास
Periodic Test-III)			
XII	NOVEMBER	प्राणेश्योऽपि प्रियः , अन्योक्तयः (न परीक्षाकृते)	पत्रलेखनम्
XIII	DECEMBER	पुनरावृत्ति	पुनरावृत्ति
	JANUARY	Pre Board	
		Entire syllabus as prescribed by CBSE	

MATHEMATICS

MONTH	UNIT	TOPIC	SUB - TOPIC	ACTIVITY
April	1	Real Numbers	Real Numbers, Euclid's Division Lemma, Fundamental Theorem of Arithmetic, Revisiting Irrational Numbers, Revisiting Rational Numbers and their Decimal Expansions	
	2	Trigonometry	Introduction to Trigonometry, Trigonometric Ratios, Some Specific Angles, Complementary Angles	
			Trigonometrical Identities.	
May	3	Heights and Distances	Concept of Angle of Elevation, Angle of Depression, Heights and Distances.	Clinometer (group Activity)
	4	Polynomials	Geometrical Meaning of zeroes of a Polynomial, Relationship between Zeroes and coefficients of a polynomial, Division Algorithm.	
	5	Probability	Probability - A Theoretical Approach	
	6	Circles	Theorems based on Tangent properties of a circle.	
June	7	Triangles	Similar Figures, Similarity of Triangles and its criteria, Area of similar Triangles, Pythagoras Theorem	Activity on Similarity
Revision				
Periodic Test I				
July	8	Pair of Linear Equations in Two variables	Graphical Method of Solution of a pair of Linear equations, Algebraic Methods (Substitution Method, Elimination Method, Cross-multiplication)	Conditions of Consistency and Inconsistency of a pair of Linear Equations in Two
July	9	Statistics	Calculation of Mean, Median and Mode for grouped frequency distribution, Ogive	
	10	Constructions	Division of a line segment, Construction of similar triangles according to scale factor, Construction of Tangents to a Circle from an external point.	
August	11	Arithmetic Progression	Identification of a series as A.P., nth term of an A.P., Sum of first n terms of an A.P.	

MATHEMATICS

MONTH	UNIT	TOPIC	SUB - TOPIC	ACTIVITY
August	12	Coordinate Geometry	Distance Formula, Section Formula, Area of Triangles	Derivation of formula for sum of first 'n' natural numbers
September	Revision			
Periodic Test II				
October	13	Quadratic Equation	Solution of a quadratic Equation by graphical method, Factorisation, Method of Competing Squares, Quadratic Equation Formula. Determining Nature of Roots.	
November	14	Area Related to Circles	Finding area and perimeter of Shaded portions using Sector Formula, Segment formula.	
	15	Surface Area & Volumes	Surface Area and Volume of combination of figures - cube, cuboid, cylinder, sphere and cone. Frustum	
December	Revision Periodic Test III Revision			
January	Pre-Board : Entire Syllabus as prescribed by CBSE			

PHYSICS

MONTH	UNIT	TOPIC	SUB TOPIC	PRACTICALS
March	1	Light	Reflection of light at curved surface; terms related to spherical mirrors; Images formed by spherical mirrors	
April			Mirror formula(derivation not required); Magnification; Numerical based on the above topics; Application of mirrors.Laws of refraction; Refractive index	To determine the focal length of a concave mirror, by obtaining the image of a distant object;
April			Applications of refraction; refraction of light by spherical lenses; Lensformula (derivationnotrequired); Magnification;	To determine the focal length of a concave lens, by obtaining the image of a distant object.
May			Power of a lens; Numerical of lens formula and magnification; Application of lenses.	To trace the path of a ray of light through a rectangular glass slab for different angles of incidences; Measure the angle of incidence, angle of refraction, angle of emergence and interpret the results;
June	2	Human Eye and colourful world	Structure of human eye; Functioning of lens in human eye; Defects of vision and remedies.	
Periodic Test- I				
July	7	Human Eye and colourful world	Dispersion of light by glass prism; Rainbow formation; Atmospheric refraction, twinkling of stars.	To trace the path of a light ray through a glass prism
July	8		Tyndall effect; Application of scattering.	
August	9	Electricity	Electric current & circuit; Potential, Potential difference, Ohm's law; Resistance, factors on which resistance depends; series and Parallel combination of resistors; Numericals based on resistors and combination of resistors.	To study the dependence of Potential difference (V) across a resistor on the current (I) passing through it and determine its resistance. Also plot a graph between V & I.

PHYSICS

MONTH	UNIT	TOPIC	SUB TOPIC	PRACTICALS
August	10	Electricity	Heating effect of electric current; Electric power; Inter-relation between P,V,I and R.Numericals based on the topic. Fossilfuels, Thermal power plant, Hydro powerplants, Wind energy, Solarenergy, Nuclearenergy	To determine the equivalent resistance of two resistors when connected in series;determine the equivalent resistance of two resistors when connected in parallel.
Periodic Test- II				
October	11	Magnetic Effects of Electric Current	Magnetic field lines; Oersted's experiment. Magnetic field due to current carrying wire, Coil and Solenoid; Force oncurrent carrying conductor.	
October	12		Fleming's left hand rule; Electric Motor; Electro magnetic induction. Induced potential difference; induced current;	
November	13		Fleming's left hand rule; A. C. generator; alter nating current;	
November	14		Domestic wiring system; Importance offuse; Earthing; Overload; Short-circuit.	
December	Periodic Test- III			
January	Pre-board			

CHEMISTRY

MONTH	UNIT	TOPIC	SUB TOPIC	PRACTICALS
April	1	Chemical Reactions and Equations	<p>Chemical reaction – definition, characteristics of chemical reaction with examples.</p> <p>Writing a chemical equation, skeletal equation, balanced chemical equation, balancing of chemical equations.</p> <p>Types of chemical reactions – combination, exothermic and endothermic reactions.</p> <p>Types of chemical reactions (continued) – decomposition, displacement, double displacement, oxidation and reduction.</p> <p>Corrosion, rancidity</p>	<p>To perform and observe different types of chemical reactions.</p>
May	2	Acids, Bases and Salts	<p>Introduction to acids, bases, indicators.</p> <p>Understanding the chemical properties of acids and bases.</p> <p>What do all acids and all bases have in common?</p> <p>Dilution of acids and bases.</p> <p>Strength of acids and basic solutions.</p>	<p>To study the properties of acids and bases.</p>
June	2	Acids, Bases and Salts	<p>Importance of pH in everyday life.</p> <p>Salts – family of salts, pH of salts, chemicals from common salt, chlor-alkali process, bleaching powder, baking soda, washing soda, water of crystallization in salts, Plaster of Paris.</p>	<p>To find the pH of sample solutions by using pH paper/ universal indicator.</p>
Periodic Test- I				
July	3	Metals and Non-metals	<p>Introduction, physical properties of metals and non-metals.</p> <p>Chemical properties of metals (reactions), the reactivity series.</p> <p>How do metals and non-metals react?</p> <p>Properties of ionic compounds.</p> <p>Occurrence of metals, extraction of metals, refining of metals.</p> <p>Corrosion of metals and its prevention, alloys.</p>	<p>To study the reactivity of metals using the metals and their salt solutions.</p>

CHEMISTRY

Month	Unit	Topic	Sub Topic	Practicals
July	4	Carbon and its Compounds	Importance of carbon, catenation, bonding in carbon – the covalent bond, versatile nature of carbon. Saturated and Unsaturated Carbon Compounds, chains, branches and rings present in carbon compounds.	
August	4	Carbon and its Compounds	Homologous series, functional groups, hydrocarbons and isomerism. Nomenclature of Carbon Compounds. Chemical properties of carbon compound (reactions). Some important carbon compounds – Ethanol and Ethanoic acid. Soaps and detergents.	To study the properties of acetic acid. To study the comparative cleaning capacity of a sample of soap in soft and hard water.
	5	Sources of Energy	Introduction, good source of energy, characteristics of good fuel and good energy, conventional sources of energy-fossil fuels, non-conventional sources of energy-biomass, biogas, tidal energy, wave energy, ocean thermal energy, geothermal energy. Environmental consequences of using exhaustible resources.	
September	Revision & Periodic Test - 2			
October	10	Periodic Classification of Elements	Making order out of chaos – early attempts at the classification of elements – Dobereiner's Triads, Newlands' Law of Octaves, Mendeleev's Periodic Table – achievements and limitations.	
November	11	Periodic Classification of Elements	Making order out of chaos – The Modern Periodic Table, position of elements in the Modern Periodic Table. Trends in the Modern Periodic Table.	
December	Revision & Periodic Test - 3(Entire syllabus)			
January	Pre - Board: Entire Syllabus as prescribed by CBSE			

BIOLOGY

MONTH	UNIT	TOPIC	SUB TOPIC	PRACTICALS
April	1	Life Processes	What are life processes	To prepare temporary mount of a leaf peel to show stomata.
			Nutrition	
			Respiration	
June	2	Control & Coordination	Transportation	
			Excretion	
			Animals- Nervous system	
July			Coordination in plants	
Periodic Test- 1				
July	2	Control & Coordination	Coordination in plants continued Hormones in animals	To show experimentally that CO ₂ is given out during
August	3	How do organisms reproduce	Do organisms create exact copies of themselves?	To study binary fission in amoeba and budding in Yeast
			Modes of reproduction used by single organisms	
			Sexual reproduction in plants	
			Sexual reproduction in humans	
Periodic Test- 2				
September	4	Heredity & Evolution	Accumulation of variation during reproduction	To identify the different parts of an embryo of a dicot seed (gram)
October			Heredity	
			Evolution	
			Speciation, Evolution & classification	
			Evolution should not be equated with progress	
November	5	Our Environment	What happens when we add waste to the environment Ecosystem- what are its components How do our activities affect the environment	
	6	Management of natural resources	Why do we need to manage our resources Forests & wildlife Water for all	
			Coal & petroleum An overview of natural resource management	

BIOLOGY

MONTH	UNIT	TOPIC	SUB TOPIC	PRACTICALS
Periodic Test- 3				
December			Revision	
January			Revision & Pre Board	
February			Revision	
Board Examination				

Syllabus For Board Examination

Entire syllabus as prescribed by CSBE.

ECONOMICS

MONTH	UNIT	TOPIC	SUB-TOPIC
April	1	Development	Introduction : Different people, different development goals. Income and other Goals. National Development Average Income or Per Capita Income Public Facilities
May	1	Development	Human Development Report Sustainability of Development.
	2	Sectors of Indian Economy	Introduction The three sectors of the economy and their characteristics
June	2	Sectors of Indian Economy	Comparing the three sectors of the economy Historical change in sectors Rising importance of the Tertiary sector Unemployment in the different sectors of the economy. Types of unemployment How more employment can be generated.
Revision & Periodic Test 1			
July	2	Sectors of Indian Economy	Organised and Unorganised sector How to protect the workers in the unorganised sector? Private and Public sector
	3	Money and Credit	Barter system and money as a medium of exchange Modern forms of money : currency, deposits with banks. Loan activities of Banks. Case studies on different credit situations.
August	3	Money and Credit Termo of Credit. Case studies Formal an Informal sources of Credit Self Help Groups. Grameen Bank of Bangladesh	Introduction. Production across countries Interlinking production across countries. Case Study. Foreign Trade and integration of markets. Case Study - Chinese Toys What is Globalisation
	4	Globalisation and The Indian Economy	
September	Revision Classes		
	Periodic Test 2		

ECONOMICS

MONTH	UNIT	TOPIC	SUB-TOPIC
October	4	Globalisation and The Indian Economy	Factors that enable globalisation. Case studies. Liberalisation of foreign trade. WTO Impact of globalisation in India. Case studies. Struggle for fair globalisation.
November	5	CONSUMER RIGHTS [This chapter is to be assessed under Multiple Assessment as a Project]	Introduction. Consumer in the market place. Consumer Movement Consumer Rights and Case studies. Learning to become a well-informed consumer. Taking the consumer movement forward.
December	Revision & Periodic Test 3		
January	Revision & Pre Board		

Syllabus as prescribed by CBSE Board

HISTORY

MONTH	UNIT	HISTORY TOPICS	SUB-TOPICS
May	1	The Age of Industrialisation	Before the Industrial Revolution
			Hand Labour and Steam Power
			Industrialisation in the colonies
			Factories come up
			The Peculiarities of Industrial Growth
			Market for Goods
June	2	Nationalism in Europe	The French Revolution and the Idea of Nation
July			The Making of Nationalism in Europe
			The Age of Revolutions: 1830-1848
			The Making of Germany and Italy
			Visualising the Nation
			Nationalism and Imperialism
July	Periodic Test 1		
August	3	Nationalism in India	The First World War, Khilafat and Non-Cooperation
			Differing Strands within the Movement
			Towards Civil Disobedience
			The Sense of Collective Belonging
September	Periodic Test 2		
November	4	Print Culture and the Modern World The First Printed Books	Print Comes to Europe
			The Print Revolution and its Impact
			The Reading Mania
			The 19 th Century
			India and the World of Print
			New Forms of Publications
			Print and Censorship
December	Periodic Test 3		
January	Revision & Pre-Board Examination		

Syllabus for CBSE Board Examination

Entire syllabus as prescribed by CBSE.

GEOGRAPHY

MONTH	UNIT	TOPIC	SUB-TOPIC
April	1	Resource And Development	Resource Classification of Resources Development of Resources Earth Summit - Agenda 21 Resource Planning in India Land Resources Landuse Pattern in India Land degradation and Conservation Soil as a Resource Classification of Soil Soil Erosion and Conservation.
May	2	Water Resources [Chapter to be assessed as multiple assessment]	Water Scarcity, conservation and management Multipurpose River valley Projects. Rainwater Harvesting - Bamboo Drip Irrigation.
June	3	Forest Resources [Chapter to be assessed as multiple assessment]	Forest and WildlifeBiodiversity or Biological Diversity and Flora and Fauna in India. Vanishing ForestsAsiatic Cheetah: Where did they go?The Himalayan Yew in trouble. Conservation of forest and wildlife in IndiaProject Tiger. Types and distribution of forests and wildlife resources. Community and Conservation
Periodic Test 1			
June	4	Agriculture	Types of farming and cropping pattern Major Crops - Rice, Wheat, Millets, Pulses, Sugarcane, Tea, Coffee, Horticulture crops,Rubber, Cotton and Jute.
July	4	Agriculture	Technological and Institutional Reforms in Indian Agriculture Contribution of agriculture to national economy.
	5	Minerals And Energy Resources	Introduction, Significance of minerals. Rocks and Minerals Occurrence of minerals in igneous, sedimentary and metamorphic rocks. Important minerals their uses, types and characteristics - Iron ore, Mangnese, Copper, Bauxite, Mica and Limestone.
August	5	Minerals And Energy Resources	Energy Resources, their types and differences. Important conventional energy resources - Coal, Petroleum and Natural Gas. Electricity - types and differences. Non conventional sources of energy - Solar energy, Wind, Bio Gas,Tidal and Geo thermal energy. Conservation of energy resources.

GEOGRAPHY

MONTH	UNIT	TOPIC	SUB-TOPIC
Periodic Test 2			
September	6	Manufacturing Industries	Definition and importance of Manufacturing. Industrial location and Classification of Industries. Locatioal factors of industries
October	6	Manufacturing Industries	Important industries, their locational factors and drawbacks - Cotton textile, Jute textile, Sugar, Iron and Steel, Automobile and IT. Industrial pollution and environmental degradation.
November	7	Lifelines of National Economy	Significance of transport and communication Roadways, types, advantages and disadvantages. Railways, Pipelines - advantages and disadvantages. Waterways, Major seaports and Airways. Communication- types. Tourism as a trade.
December	Revision & Periodic Test 3		
January	Revision Classes And Pre Board Test		

Syllabus as Prescribed By Cbse Board

POLITICAL SCIENCE

MONTH	UNIT	POLITICAL SCIENCE TOPICS	SUB-TOPICS
April	1	Power Sharing	Case Studies of Belgium and Sri Lanka Why Power Sharing is Desirable? Forms of Power Sharing
April	2	Federalism	What is Federalism? What Make India a Federal Country? How is Federalism practiced? Decentralisation in India
May	3	Democracy and Diversity (to be tested through Multiple Assessment)	Case study of Mexico Differences, similarities and divisions Political and Social Divisions
May	4	Popular Struggles and Movements (to be tested as Subject Enrichment)	Popular Struggles in Nepal and Bolivia Mobilisation and Organisation Pressure Groups and Movements
July	Periodic Test 1		
July	5	Gender, Religion and Caste	Gender and Politics Religion, Communalism and Politics Caste and Politics
September	Periodic Test 2		
October	6	Political Parties	Democratic Constitution in South Africa Why do we need a Constitution? Making of the Indian Constitution Guiding Values of the Indian Constitution
October	7	Outcomes of Democracy	How do we assess democracy's outcome? Accountable, responsive and legitimate government. Economic Growth and Development Reduction of Inequality and Poverty Accommodation of social diversity Dignity of the citizens
November	8	Challenges to Democracy (to be tested through Multiple Assessment)	Thinking about challenges Thinking about Political Reforms Redefining democracy
December	Periodic Test 3		
January	Revision & Pre-Board Examination		

Syllabus for CBSE Board Examination:

Entire syllabus as prescribed by CBSE.