

KNPC SYNOPSIS FOR ACADEMIC SESSION 2026-27**10TH (CBSE) MATHS**

MONTH	CH. NO.	CHAPTER NAME	TOPIC COVERED
April	2	Polynomials	Geometrical meaning of the zeroes of a polynomial
			Relationship between the zeroes and coefficients of a polynomial
	4	Quadratic equations	Quadratic Equations
			Solution of a quadratic equation by factorisation
			Nature of roots
			Summary
	13	Statistics	Introduction
			Mean of a Grouped Data
			Median of a Grouped Data
			Mode of a Grouped Data
	14	Probability	Theory of probability
June	1	Real Numbers	The Fundamental theorem of Arithmetic
			Revisiting Irrational Numbers
	3	Pair of linear equations in two variables	Introduction
			Graphical method of solution of pair of linear equation in two variables
			Algebraic methods of solution of pair of linear equation in two variables
			Elimination & Substitution methods
	5		Introduction
			Arithmetic Progressions

		Arithmetic Progressions	nth term of an AP
			Sum of first n terms of an AP
July	7	Coordinate Geometry	Distance Formula
			Section Formula
			Summary
	11	Areas related to a circle	Areas of sector and segment of a circle
	12	Surface areas and Volumes	Introduction
			Surface area of a combination of solids
			Volume of a combination of solids
August	8	Intro. to Trigonometry	Trigo. Ratios
			Trigo. Ratios for specific angles
			Trigo. Identities
			Summary
	9	Some Applications of Trigo.	Heights and Distances
September/ October	6	Triangles	Similar Figures
			Similarity of Triangles
			Criteria for similarity of triangles
	10	Circles	Introduction
			Tangent to a circle
			Number of tangent from a point to a circle
			Summary

MONTH	CH.NO.	CHAPTER NAME	TOPIC COVERED
April	Geo. Chapter 1	Resources And development	Type of resources
			Land utilization
			Classification of soil
			Type of soil
	Civics Chapter 1	Power Sharing	Belgium and Sri Lanka
			Majoritarianism in Sri Lanka
			Accommodation in Belgium
			Forms of power-sharing
			Prudential region
	Civics chapter -2	Federalism	What is Federalism ?
			What makes India a Federal country ?
			Decentralisation in India
May	Eco chapter 1	Development	Income and other Goals
			Nation Development
			Public Facilities
June	History Chapter 1	Nationalism in Europe	French revolution
			Unification of Germany and Italy
			Visualising the state
	Geo- Chapter -2	Forest and wildlife Resources	Type of Forest
			Conservation of forest
			Community and Conservation
	Civics chapter -2	Federalism	What is Federalism ?
			What makes India a Federal country ?
			Decentralisation in India
	Eco- chapter 2	Sector of the Indian Economy	Comparing the three sector
			Division of sector
			How to protect workers in the unorganised sector
July	Civics Chapter-4	Political Parties	Why do we need political parties ?
			How many parties should we have ?
			National political parties , State political parties.
			Challenges to political parties
			How can parties be reformed ?
		Nationalism in India	First world war
			Towards civil disobedience

	History - Chp-2		Census of collective belonging
	Geo- Chapter 3	Water Resources	Water scarcity
			Multipurpose project
			Rainwater Harwasting
	Civics Chapter-3	Gender, Religion and Caste	Gender and Politics
			Religion, Communalism and Politics
			Caste and Politics
August	Economics- Chapter-3	Money and credit	Modern forms of Money
			Loan activity
			Formal sector credit in India
	Geo- Chapter-4	Agriculture	Type of Farming
			Cropping Pattern
			Non-crop food
	History- chapter 3	The making of a global world	Subtopics: 1 to 1.3 Pre Modern World to Conquest, Disease and trade)
	Geo- Chapter-5	Minerals and energy resources	Minerals
			Energy resources
			Non-conventional sources
September	Civics Chapter-4	Political Parties	Why do we need political parties ?
			How many parties should we have ?
			National political parties , State political parties.
			Challenges to political parties
			How can parties be reformed ?
	Revision for Term-1 and exam		
October	Geography- Chapter 6	Manufacturing Industries	Importance of Manufacturing
			Industries location
			IT and Ntpc
	Eco- chapter 4	Globalisation and Indian Economy	What is Globlization
			Factors that have enabled Globalization
November	Civics Chapter-4	Political Parties	Why do we need political parties ?
			How many parties should we have ?

			National political parties , State political parties.
			Challenges to political parties
			How can parties be reformed ?
	History- Chapter 5	Print culture and the modern world	Print comes to europe
			Print revolution and its impact
			India and the world of print

10TH (CBSE) English			
MONTH	Ch. No.	Chapter	Topic
	First Flight:		
April	Ch-1	A Letter to God	Textual Q/Ans
	Poem-1(i)	Dust of Snow	Summary, RTC
	Poem-1(ii)	Fire and Ice	Summary, RTC
	Foot prints without Feet:		
	Ch-1	Triumph of surgery	Textual Q/Ans
	Grammar	Tenses, Basic Grammar	Rules and exercises
June	First Flight:		
	Poem-2	Tiger in the zoo	Summary, RTC
	Ch-2	Nelson Mandela - Long Walk to Freedom	Textual Q/Ans
	Ch- 3	Two Stories about flying	Textual Q/Ans
	Poem - 3(i)	How to tell wild animals	Summary, RTC
	Foot prints without Feet:		
	Ch-2	The Thief's Story	Textual Q/Ans
	Grammar	Email	Format and example
		Letter to Editor, Complaint letter	Format and example
		Subject verb agreement	Rules and exercise
July	First Flight:		
	Poem-3(ii)	The Ball Poem	Summary, RTC

	Ch-4	From the diary of Anne Frank	Textual Q/Ans
	Poem-4	Amanda	Summary, RTC
	Foot prints without Feet:		
	Ch-3	The Midnight Visitor	Textual Q/Ans
	Ch-4	A Question of Trust	Textual Q/Ans
	Ch 5	Footprints without feet	Textual Q/Ans
	Grammar	Modals	Rules and exercises
		Diary writing , order and inquiry letter	Format and example
		Sentence Transformation	Rules and exercises
		Case Based Study	Example
August	First Flight:		
	Ch-5	Glimpses of India	Textual Q/Ans
	Poem-5	The Tree	Summary, RTC
	Poem-6	Fog	Summary, RTC
	Ch-6	Mijbil the Otter	Textual Q/Ans
	Foot prints without Feet:		
	Ch-6	The Making of a Scientist	Textual Q/Ans
	Ch-7	The Necklace	Textual Q/Ans
	Grammar	Direct Indirect speech	Rules and extra sentences of pronouns,
		Discursive passage, case based study	Example
September	First Flight:		
	Ch-7	Madam rides the bus	Textual Q/Ans
	Poem- 7	The Tale of Custard the Dragon	Summary, RTC
	Ch-8	The Sermon at Benares	Textual Q/Ans
	Grammar		
		Degree, Q.Tag and so..That	Rules and exercise
		letter writing(order/complain)	Example
		Rectification of Error	Exercise
October	First Flight:		

	Poem-8	For Anne Gregory	Summary, RTC
	Ch-9	The Proposal (Play)	Textual Q/Ans
	Foot prints without Feet:		
	Ch-8	Bholi	Textual Q/Ans
	Ch-9	The book that Saved the Earth	Textual Q/Ans
	Grammar	Rectification of Error	Revision

10TH (CBSE) - IT			
MONTH	CHAPTER NO.	CHAPTER_NAME	TOPIC_COVERED
APRIL/MAY	Part- B Ch:1	Digital Documentation Advanced	Creating and managing styles
			Insert and use images in a document
			Working with images
			Inserting and using drawing objects
			Working with templates
			Creating and customising table of content
	Part-A Ch:1	Communication Skills	Verbal communication
			Non-verbal Communication
			Communication cycle and feedback
			Barriers to effective communication
			principles of effective communication
			Writing skills
JUNE	Part- B Ch:2	Electronic spreadsheet advanced	Analysis data using scenarios and goal seek
			Link data and spreadsheet
			Share and review a spreadsheet
			Creat and use macros in spreadsheet
			Working with accessibility options
JULY	Part-B Ch:3	Database mangaeement system	Database concept
			Creating and editing tables
			perform operations on tables
			retriving data using query
			File system
AUGUST	Part-B Ch:4	Managing Health and Safety at workplace	Workplace safety

			Preventing accidents and Emergences
			Human follies and thier implications
			Workplace Hazards ans safety measure
	Part-A Ch:3	Information and Communication technology skills	Basic computer operations
			Operating system
			Windows 10 operating system
			File system
			Basic Skill for care and maintenance of computer
SEPTEMBER	Part-A Ch:2	Self-management skills	Stress and stress management
			Importance of the ability to work independently
	Part-A Ch:4	Entrepreneurship Skills	Entrepreneurship and Society
			Qualities and functions of an entrepreneur
			Role and importance of an entrepreneur
			Myths about entrepreneurship
			Enterpreneurship as a career
OCTOBER	Part-A Ch:5	Green Skills	Sustainable development
			Importance of sustainable development
			problems and solutions related to sustainable development
NOVEMBER	Revision	Revision	Revision

10TH (CBSE) – Hindi			
MONTH	CH.NO.	CHAPTER NAME	GRAMMER TOPIC COVERED
April	स्पर्श 1	बडे भाई साहब	पदबंध
	संचयन 1	साखी	सूचना लेखन
June	स्पर्श 2	डायरी का एक पन्ना	समास
	स्पर्श काव्य1	हरिहर काका	पत्रलेखन
	स्पर्श काव्य 2	पद	
July	स्पर्श 3	तताँरा-वामीरो कथा	मुहावरे

	स्पर्श 4	तीसरी कसमके शिल्पकार शैलेंद्र	अनुच्छेद लेखन लघुकथा
		तोप	
August	स्पर्श काव्य 4	मनुष्यता	रचना की दृष्टिसे वाक्यभेद
		अब कहा दूसरे के दुख से दुखी होने वाले	विज्ञापनलेखन, ईमेल लेखन
	संचयन 2	सपनों के से दिन	
September			गद्यार्थग्रहण
		पर्वत प्रदेश में पावस	
	संचयन 3	टोपी शुक्ला	
October		कारतूस	पुनरावर्तन
		आत्मत्राण	
		पतजर में टूटी पतिया	
November	स्पर्श 8	कर चले हम फिदा	

10TH (CBSE) - SCIENCE			
	CH.NO.	CHAPTER NAME	
APRIL	1	Chemical Reactions and Equations	Chemical equation
			Balanced chemical equation
			types of chemical reactions: combination, decomposition, displacement, double displacement,
			precipitation, neutralization, oxidation and reduction
JUNE	5	Life Processes	Nutrition (autotrophic and heterotrophic)
			respiration
			transport and excretion in plants and animals.
	9	Light - Reflection and Refraction	Reflection of light by curved surfaces
			Images formed by spherical mirrors
			mirror formula (Derivation not required),
			Refraction of light by spherical lens
			Image formed by spherical lenses
			Lens formula (Derivation not required);
			Magnification
			Power of lens.
JULY	13		Eco-system

AUGUST		Our Environment	environmental problems
			Ozone depletion
			Biodegradable and non- biodegradable substances waste production and their solutions.
	6	Control and coordination	movements in plants
			control and coordination in animals
			nervous system
			Chemical coordination: Animal hormones
	2	Acids, Bases and Salts	General properties
			concept of pH scale (Definition relating to logarithm not required)
			Preparation and uses of Sodium Hydroxide, bleaching powder, baking soda, Washing soda and Plaster of paris
	10	The Human Eye and the colourful World	Power of accommodation of eye
			Colour vision, defects of vision and their correction
			Refraction of light through a prism
			dispersion of white light through glass prism
			Tyndall effect, applications in daily life.
	3	Metals and Non-Metals	Properties of metals and non-metals
			Reactivity series
			Formation and properties of ionic compounds
			Basic metallurgical processes, corrosion and its prevention.
	7	How do Organisms Reproduce?	How Do Organisms Reproduce?
			Do Organisms Create Exact Copies Of Themselves?
			Modes Of Reproduction Used By Single Organisms
			Sexual Reproduction
SEPTEMBER	4	Carbon and its Compounds	Carbon And Its Compounds
			Bonding In Carbon – The Covalent Bond
			Chemical Properties Of Carbon Compounds
			Some Important Carbon Compounds – Ethanol And Ethanoic Acid
			Soaps And Detergents
OCTOBER	11	Electricity	Factors on which the resistance of a conductor depends.
			Series and parallel combination of resistors and its applications in daily life.
			Heating effect of electric current and its applications.
			Electric power, Interrelation between P, V, I and R.
			Ohm's law; Resistance, Resistivity,
			Potential difference and electric current
	12	Magnetic Effects of Electric Current	Magnetic Effects Of Electric Current
			Magnetic Field And Field Lines
			Magnetic Field Due To A Current-Carrying Conductor

			Force On A Current-Carrying Conductor In A Magnetic Field
			Domestic Electric Circuits
NOVEMBER	8	Heredity	Heredity
			Inherited Traits
			Rules for the Inheritance of Traits – Mendel's Contributions
			Sex Determination