

KNPC SYNOPSIS FOR ACADEMIC SESSION 2026-27

9th (CBSE) Maths

MONTH	CH.NO.	CHAPTER_NAME	TOPIC_COVERED
April/May	3	The World of Number	The Dawn of Mathematics: The Human need to count
			The Revolution of shunya: When nothing became something
			Integers: Expanding the horizon
			Filling the spaces: Fractions and Rational numbers
			Irrational Numbers
			Real Numbers: Decimals and Cyclic patterns
June	4	Exploring Algebraic Identities	Visualising Identities
			Factorisation of Algebraic Expressions using Identities
			Factorisation of polynomials
			More Identities
			Factorisation Using/ Without Using Algebra Tiles
			Finding New Identities
	1	Orienting Yourself: The Use of Coordinates	Simplifying Rational Expressions
			Settling In
			2-D Cartesian Coordinate System
July	2	Introduction to Linear Polynomials	Distance between two points in 2-D Plane
			Linear Polynomials
			Exploring Linear Patterns
			Linear Growth and Linear Decay
	5	I am Up and Down, and Round and Round	Linear Relationship and its visualisation
			Symmetries of a circle
			How many circles?
			Chords and Angles they subtends

			Midpoints and perpendicular bisectors of chords
			Distance of the chord from the centre
			Angle subtended by an Arc
			Concyclicity of Points
August	6	Measuring Space: Perimeter and Area	Perimeter of a Shape
			Perimeter of a Circle--The C/D Ratio
			Pie is Irrational
			Length of an Arc of the Circle
			Problems Puzzles and Paradoxes on Perimeter
			Area of Recatangle and Triangle
			Herons formula
			Sqauring a Recatangle
			Area of a Circle
			Area of sector of a Circle
	7	Mathematics of Maybe: Introduction to Probability	What is Probability?
			Measuring Probability objectively
			Elements of Probability
			Tree Diagram
September	8	Predicting what comes next: Exploring Sequences and Progressions	Explicit rules for a Sequence
			Recursive Rule for a Sequence
			AP: Sum of first n Natural Numbers
			GP

9TH (CBSE) – English			
	CH.NO.	CHAPTER NAME	TOPIC_COVERED
April	Kaveri		
	Chapter- 1	How I taught my grandmother to read	Textual Ques/Ans
	Poem -1	Bharat Our Land	Summary and RTC
	Grammar		
		Tenses	Rules and exercise
June	Kaveri		
	Chapter - 2	The Pot Maker	Textual Q/Ans

	Poem -2	Gifts of Grace: Honouring our Vocations	Summary and RTC
	Chapter- 3	Wind of Changes	Textual Q/Ans
	Grammar	Determiners	Rules and exercise
		Notice	Format and example
		e-mail	Format and example
July	Kaveri		
	Poem- 3	Canvas of soil	Summary and RTC
	Chapter- 4	Vitamin- M	Textual Q/Ans
	Poem-4	I cannot remember my mother	Textual Q/Ans
	Grammar	Informal invitation	Format and example
		Letter to Editor	Format and example
		Modal	Rules and exercise
		Reported speech	Rules and exercise
		Conditional clause- type 1	Rules and exercise
August	Kaveri		
	Chapter-5	The World of Limitless Possibilities	Textual Q/Ans
	Poem-5	Nine Gold Medals	Summary and RTC
	Grammar	Subject Verb concord	Rules and exercise
		Editing/omitting	Extra sentences
		Discursive Passage	
		CASE BASE STUDY - PASSAGE ,	
		Factual description and magazine article	
September	Kaveri		
	Chapter-6	Twin Melodies	Textual Q/Ans
	Poem-6	A Friend found in Music	Summary and RTC
	Grammar	Clauses- Noun clause and Relative Clause	
		Sentence Reordering	

October	Kaveri		
	Chapter-7	Carrier of Words	Textual Q/Ans
	Poem- 7	Words	Summary and RTC
	Grammar	Sentence transformation	
		Descriptive and narrative essay	
November	Kaveri		
	Chapter-8	Follow that Dream	Textual Q/Ans
	Grammar	Active and Passive Voice	Rules and Exercise
December			
	Kaveri		
	Chapter-8	Follow that Dream	Textual Q/Ans
	Poem-8	Believe in yourself	Summary ,RTC
January	Grammar	Revision	
February		Revision	

9TH CBSE SCIENCE			
	CH.NO		
APRIL	1	Cell-The Fundamental Unit of Life	Cell: discovery and basic concept
			Cell organisation: prokaryotic and eukaryotic cells
			Types of cells: plant and animal cells
			Cell as structural and functional unit: organelles and their functions (nucleus, mitochondria, chloroplast, ER, vacuoles, plasma membrane, cell wall) and Chromosome
			Cell division and cancer
			Recent advances in cell biology
JUNE	2	Tissues	Tissues: introduction and importance
			Levels of organisation in living organisms
			Types of tissues: plant and animal tissues

			Plant tissues: meristematic and permanent tissues (types, structure, functions)
			Animal tissues: epithelial, connective, muscular, and nervous tissues (types, structure, functions)
			Musculoskeletal system: injuries, posture, nutrition, and exercise
	6	Structure of The Atom	Basic unit of elements, Subatomic particles
			Atomic models, Electron distribution
Symbols, Valency			
Atomic number, Mass number			
			Isotopes, Isobars
JULY	7	Atoms and Molecules	Law of conservation of mass, Law of constant proportion
			Dalton’s Atomic theory
			Molecules of elements, Molecules of covalent compounds and their properties
			Ions, Ionic compounds and their properties
			Writing chemical formulae, Molecular mass, Formula unit mass
	9	Motion	Introduction to motion basics: Distance and displacement; Speed, Velocity and acceleration
			Graphical representation of motion: Straight-line motion with constant velocity and constant acceleration
			Kinematic equations for motion in straight line with contant acceleration
			Uniform circular motion.
	AUGUST	10	Force and Laws of Motion
Newton’s Laws of Motion			
Concept of Inertia,			
Conservation of Momentum			
SEPTEMBER	4	Diversity	Importance of Classification
			Five Kingdom Classification and their key points
			Major division of plants and animals
			Binomial Nomenclature
			Acellular entities: Viruses
	REVISION		

OCTOBER	12	Sound	Introduction to sound: Production of sound and Propagation through different media (Longitudinal Waves)
			Graphical representation of sound waves
			Characteristics of Sound Waves: Wavelength, Frequency, Amplitude, Speed
			Human Perception of Sound: Pitch and Loudness
			Reflection of sound: Echo, Reverberation
NOVEMBER	5	Exploring Mixtures and their Separation	Mixtures: homogeneous and heterogeneous
			Types of mixtures: solutions, suspensions, colloids with properties
			Concentration of solutions: mass by mass, mass by volume, volume by volume percentage
			Separation techniques: Crystallisation, Distillation, Paper Chromatography, Sublimation, Centrifugation, Coagulation
	11	Work, Energy and Simple Machines	Work: concept of work and work done by a constant force
			Work-energy theorem
			Mechanical energy: kinetic energy, potential energy, and their conversion
			Conservation of energy
			Introduction to power Commercial unit of Energy
			Simple machines: Pulley, Inclined plane, Lever, and Mechanical advantage
DECEMBER	8	Earth as a System: Energy, Matter & Life	Earth as an interconnected system
			Solar energy: solar radiation, electromagnetic spectrum, speed of light
			Solar energy and Earth's surface: interaction and differential heating
			Differential heating: winds and air movement
			Biogeochemical cycles: water, carbon, nitrogen, oxygen cycles
			Human impact on Earth's system
JANUARY	3	Reproduction	Reproduction: sexual and asexual forms
			Asexual reproduction: types with examples

		Reproduction in flowering plants: flower parts, pollination, fertilisation, seed dispersal Human reproduction: male and female systems, gamete formation, fertilisation, embryo development, menstrual cycle Reproductive health and hygiene Birth control methods and their importance
Februaury		Revision

9TH (CBSE) – HINDI			
MONTH	CH.NO	CHAPTER NAME	GRAMMAR TOPIC COVERED
April	स्पर्श 1	दुख का अधिकार	शब्द और पद
	संचयन 1	रैदास	अनुच्छेदलेखन
June	स्पर्श 2	एवरेस्ट मेरी शिखर यात्रा	अनुस्वार, अनुनासिक
	स्पर्श काव्य 7	गिल्लू	संवादलेखन
July	स्पर्श 3	तुम कब जाओगे अतिथि	उपसर्ग, प्रत्यय
		मेरा छोटा सा निजी पुस्तकालय	चित्रवर्णन
August	स्पर्श काव्य 8	दोहे	स्वरसंधि.
	संचयन 2	स्मृति	पत्रलेखन

September			विरामचिह्न, अर्थ की दृष्टिसे वाक्यभेद
			गद्यार्थग्रहण
October	संचयन 4		पुनरावर्तन
	स्पर्श काव्य 12	अग्निपथ	
NOVEMBER	स्पर्श 6	शुक्रतारे के समान	पुनरावर्तन
	संचयन 3	कल्लू कुम्हार की उनाकोटी	
December	स्पर्श काव्य 11	गीत अगीत	पुनरावर्तन
January	स्पर्श काव्य 13	नए इलाके में	पुनरावर्तन
February		पुनरावर्तन	पुनरावर्तन

9TH (CBSE) – IT				
Month	CHAPTER NO.	CHAPTER NAME	TOPIC COVERED	Practical / Theory
APRIL/ MAY	PART-B CH:3	Digital documentation	Introduction to Libre office writer	P + T
			Editing the document	P + T
			Formatting a document	P + T
			Tables	P + T
			Previewing and printing a document	P + T

	PART-A CH:1	Communication skills	Meaning of communication	T
			Verbal communication	T
			Non-verbal communication	T
JUNE/JULY	PART-B CH:4	Electronic Spreadsheet	Exploring Libreoffice Calc	P + T
			Editing data in spreadsheet	P + T
			Formatting data in spreadsheet	P + T
			Creating , Modifying and Formatting charts	P + T
	PART-A CH:3	Information and Communication technology skills	Introduction to ICT	T
			ICT tools	T
			Parts of computer and peripherals	T
			Basic computer applications	T
			Performing basic file operations	T
			Communication and networking	T
			E-mail and Social media	T
AUGUST	PART-B CH:1	Introduction to IT and ITes industries	IT and ITes	T
			Business process management	T
			IT applications	T
OCTOBER	PART-B CH:5	Digital presentation	Features of an effective presentation	P + T
			Creating a presentation	P + T
			Working with slides	P + T
			Formatting text	P + T
			Working with tables	P + T
			Inserting and formatting images in a slide	P + T
			Working with slides master	P + T

NOVEMBER	PART-A CH:2	Self management skills	Introduction to Self management	T
			Self- awareness	T
			Self- control	T
			Self- confidence	T
			Goal Setting	T
			Positive Thinking	T
			Personal Hygiene	T
			Grooming and its importance	T
DECEMBER	PART-A CH:3	Entrepreneurship Skills	Entrepreneurship	T
			Role of entrepreneur	T
			Qualities of entrepreneurs	T
			Wage employment	T
JANUARY			Types of business activities	T
			Product service and hybrid business	T
			Entrepreneurship development process	T
	Revision	Revision	Revision	

9th CBSE SST			
Month	CH.NO.	CHAPTER_NAME	Topics
April	Civics: Chapter:9	Understanding Democracy	Meaning of Democracy?
			Roots of Democracy in India
			Features of Democracy
			Types of Democracy

			Democratic System in the world
			Challenges of Democracy
	Geography: Chapter 3	The Dynamic Atmosphere and Changing Climate	Introduction
			Structure & Composition of Atmosphere
			Elements of Weather & Climate
May			
June	Geography: Chapter 3 (Continued)	The Dynamic Atmosphere and Changing Climate	Seasons & Monsoon in India
			Climate Change
			Floods
			Carbon Footprint
	History: Chapter 4	The Stone Age: The Earliest People	Introduction
			The Palaeolithic Period
			Mesolithic Period
			Neolithic Period
			Development of Agriculture

	Economics: Chapter 11	Why Choices Matter: The Basics of Economics	Domestication of Animals	
			Scarcity and the Need for Choice	
			What Do Economists Do?	
			The Central Problems of an Economy	
July	Economics: Chapter 11 (Continued)	Why Choices Matter: The Basics of Economics	Welfare Economy	
			Opportunity Cost	
			Types of Economic Systems	
			PPC Concept	
	History: Chapter 4	Harappan and Contemporary Mesopotamian Civilisation	Location and Extent	
			Art and Architecture	
			Trade and Commerce	
			Achievements	
			Causes of Decline	
	Geography: Chapter 2	Landforms: Earth's Living Canvas	Theory of Plate Tectonics	
			Interior of the Earth	

August	Continued Geography: Chapter 2	Landforms: Earth's Living Canvas	Role of Weathering and Erosion	
			Landforms and Disasters	
	Civics: Chapter 10	Elections in a Democracy	Factors of Importance of Elections	
			Election Laws	
			Constituency, Electoral Rolls and Enumerators	
			Electoral Systems	
			Election Commission of India and Its Role	
			Party System in India	
	Economics: Chapter 12	Why Prices Change: The Story of Demand and Supply	Law of Demand	
			Law of Supply	
			Market Equilibrium	
			Price Controls	
			Real-World Deviations from Theory	
			Changes in Market Conditions	
			Market Failures	
September	P-2 Chapter 2	Water in the ocean	Ocean Relief	
			Marine resources	

			Livelihood concern	
October	P-2 Chp- 2	Forest, Biodiversity and livelihood	Meaning of biodiversity	
			Biosphere reserve	
			forest communities	
	P-2 Chp-6	India and the world	Trade and commerce	
			Cultural connection	
			Indian knowledge system	
November	P-2 Chp-7	India from 750 CE to 1200 CE	Indias Transformation 750 to 1200	
			Indias Role in Global Trade and cultural	
			Trade and commerce	
			Cultural connection	
	P-2 Chp- 8	Understanding Authority	Meaning Authority	
			Nyaya and Bala	
			ROle of citizen	
December	P-2 Chp-9	Entrepreneurship and Startups	Understanding Entrepreneurship	
			Creative Distruction	

			Startup Ecosystem in India
	P-2 Chp- 10	Financial Planning , Investment and Taxation	Personal Financial Managment
			Interest rate and growth of Money
			Saving and investment
January	P-2 Chp- 6	India and the world	Trade and commerce
			Cultural Connection
			Indian knowledge
February	Revision		