



TS DAV PUBLIC SCHOOL, BAHARAGORA

(Managed by DAV College Managing Committee, New Delhi)

SPLIT-UP SYLLABUS

2026-27

CLASS - IX



ENGLISH

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HINDI

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MATHEMATICS



SCIENCE



SOCIAL SCIENCE

संस्कृतम्

SANSKRIT



ARTIFICIAL
INTELLIGENCE

DISCIPLINE

• DEDICATION

• DETERMINATION

Split Up Syllabus → Std. IX

Month	Literature (Kaveri)	Grammar & Writing Skills
April–May	Unit 1: How I Taught My Grandmother to Read Unit 2: Bharat Our Land	Tenses, Determiners, Paragraph Writing
June–July	Unit 3: The Pot Maker Unit 4: Gifts of Grace: Honouring Our Vocations	Modals, Subject–Verb Concord, Descriptive Writing
August	Unit 5: Winds of Change (Revision)	Reported Speech (Commands/Requests), Diary Entry
September	Mid-Term Examinations	Revision of Term I Syllabus
October	Unit 6: Canvas of Soil Poem: I Cannot Remember My Mother	Active & Passive Voice, Informal Letter
November	Unit 7: Vitamin-M Unit 8: I Remember, I Remember	Editing/Omission Exercises, Analytical Paragraph
December	Unit 9: The World of Limitless Possibilities Unit 10: Nine Gold Medals	Persuasive Writing, Research-based Questions
January–February	Revision & Practical Work	Gap Filling, Formal Letters, Story Writing
March	Annual Examinations	Full Syllabus (Units 1–10)

कक्षा - नवीं (IX)

मासिक अध्ययन योजना

माह	गद्य खंड	काव्य खंड	व्याकरण	रचनात्मक लेखन
अप्रैल	1. दो बैलों की कथा (प्रेमचंद)		शब्द निर्माण - उपसर्ग - प्रत्यय	
मई	2. क्या लिखूं (पद्मलाल पुन्नलाल बख्शी)			
जून		8. पद (रैदास)	शब्द भंडार समानार्थी शब्द	अनुच्छेद लेखन
जुलाई	3. संवादहीन (शेखर जोश)	9. राम लक्ष्मण परशुराम संवाद (तुलसीदास)	विराम चिह्न	
अगस्त	4. ऐसी भी बातें होती हैं (यतींद्र मिश्र)	10. भारती जय विजय करे (सूर्यकांत त्रिपाठी निराला)	संज्ञा	अनौपचारिक पत्र लेखन
सितंबर	पुनरावृत्ति	पुनरावृत्ति	पुनरावृत्ति	पुनरावृत्ति
अक्टूबर	5. आखरी चट्टान तक (मोहन राकेश)	11. झांसी की रानी (सुभद्रा कुमारी चौहान)	- सर्वनाम - मुहावरे	
नवम्बर	6. रीढ़ की हड्डी (जगदीशचंद्र माथुर)	12. घर की याद (भवानी प्रसाद मिश्र)	निपात	
दिसम्बर	7. मैं और मेरा देश (कन्हैयालाल मिश्र प्रभाकर)	तब याद तुम्हारी आती है (राम नरेश त्रिपाठी)		घटना आधारित/दृश्य आधारित लेखन
जनवरी	पुनरावृत्ति	पुनरावृत्ति	समस्या समाधान	संवाद लेखन
फरवरी	पुनरावृत्ति	पुनरावृत्ति	पुनरावृत्ति	
मार्च				

Std. IX

Split-Up Syllabus → Sanskrit

S.N	Month	No of working days	Name of chapter/topic to be covered	Teaching Aids/ E-content link/Innovative practices to be Adopted	Assessment/Test/ Examination to be conducted
1	अप्रैलमासः	20	प्रथमः पाठः - सत्यं शिवं सुन्दरं संस्कृतम् उच्चारण स्थानानि सन्धिकार्यम्- स्वर सन्धि - दीर्घ, गुण, वृद्धि, यण, अयादि, पूर्वरूपम् व्यञ्जन सन्धि- जश्त्वसन्धिः, 'म्' स्थाने अनुस्वारः, तुगागमः विसर्ग सन्धि - उत्त्वम्, विसर्गस्य सत्वम्, शत्वम्, षत्वम्, रत्वम्	सहायकपुस्तकानि - अभ्यासपुस्तिका प्रस्तावित विधयः - प्रश्ननिर्माणम् , वाक्यनिर्माणक्रीडा	साप्ताहिक परीक्षा
2	मईमासः	10	द्वितीयः पाठः - सुखस्य मूलं धर्मः धर्मस्य मूलम् अर्थः कारक-उपपदविभक्तयः - द्वितीया - उभयतः, धिक्, परितः, समया, निकषा, प्रति, विना तृतीया - सह, साकम्, समम्, सार्धम्, विना, अलम्, सदृश, हीन चतुर्थी - रुच्, दा (यच्छ), नमः, कुप्, स्वस्ति पञ्चमी - विना, वहिः, भी, रक्ष, ऋते षष्ठी - उपरि, अधः, पुरतः, पृष्ठतः, निर्धारणे सप्तमी- स्निह्, निपुणः, विश्वस्, पटु	सहायकपुस्तकानि - अभ्यासपुस्तिका प्रस्तावित विधयः - अपठित गद्यांशः	साप्ताहिक परीक्षा
3	जूनमासः	8	तृतीयः पाठः - आत्मवत्सर्वभूतेषु यः पश्यति सः पण्डितः चतुर्थः पाठः - न खलु वयस्तेजसो हेतुः शब्दरूपाणि - पुल्लिङ्गशब्दाः- बालकवत्, कविवत्, साधुवत्, पितृवत्, राजन्, भवत्, विद्वस्, गुणिन् स्त्रीलिङ्गशब्दाः - लतावत्, मतिवत्, नदीवत्, मातृवत्, धेनुवत् नपुंसकलिङ्गशब्दाः - फलवत्, वारि, जगत्, मनस्, चक्षुष्	सहायकपुस्तकानि - अभ्यासपुस्तिका प्रस्तावित विधयः - रचनात्मककार्यम्-पत्रपूर्तिः संवादपूर्तिः / कथापूर्तिः, चित्रवर्णनम्	साप्ताहिक परीक्षा

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Split-Up Syllabus → Sanskrit

			सर्वनामशब्दाः - तत्, इदम्, किम् (त्रिषु लिङ्गेषु), अस्मद्, युष्मद् प्रत्ययः - क्त्वा, तुमुन्, ल्यप्, क्त, क्तवत्, शतृ, शानच्		
4	जुलाईमासः	24	पञ्चमः पाठः - एषा सा कृतकबुद्धिः मानवबुद्धेः सहकरी परस्मैपदिनः - पठ्, गम्, बद्, भू. क्रीड्. नी. दृश्, शक्, ज्ञा, अस्, कू, दा. क्री, श्रु. पा (पिप्) (पञ्चसु लकारेषु) आत्मनेपदिनः - सेव्, लभ्, रुच्, मुद्. वृध् (लट्-लृट्-लोट्-लकारेषु) उभयपदिनः - कृ, पच्, नी. कृष्, ह. भज् (केवले लट् लकारे) अव्ययानि - स्थानबोधकानि - अत्र, तत्र, अन्यत्र, सर्वत्र, यत्र, एकत्र, उभयत्र कालबोधकानि - यदा, तदा, सर्वदा, एकदा, पुरा, अधुना, अद्य, श्वः, ह्यः प्रश्नबोधकानि - किम्, कुत्र, कति, कदा, कुतः, कथम्, किमर्थम् अन्यानि - च, अपि, यदि, तर्हि, यथा, तथा, सम्यक्, एव, तु	सहायकपुस्तकानि - अभ्यासपुस्तिका प्रस्तावित विधयः - पुस्तकात् अव्ययपदानम् चयनम् श्लोकोच्चारणम् शब्दानाम् धातुनाम् च प्रयोगः	साप्ताहिक परीक्षा
5	अगस्तमासः	23	षष्ठः पाठः - मनःपूतं समाचरेत् समासः - तत्पुरुषः (विभक्ति-नञ्-उपपद-कर्मधारय) सङ्ख्या - 1-100 (1-4 केवले प्रथमा-विभक्ती)	सहायकपुस्तकानि - अभ्यासपुस्तिका प्रस्तावित विधयः - समासे भित्ति-पत्रिका निर्माणम्, सङ्खानाम् क्रीडा	साप्ताहिक परीक्षा

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6	सितम्बरमासः	10	पुनरावृत्तिः , प्रश्नपत्रस्य अभ्यासः	सहायकपुस्तकानि – अभ्यासपुस्तिका	अर्धवार्षिक परीक्षा
	अक्टूबरमासः	15	सप्तमः पाठः- उपायं चिन्तयेत् प्राज्ञस्तथापायं च चिन्तयेत् सर्वनामशब्दाः – तत्, इदम्, किम् (त्रिषु लिङ्गेषु) , अस्मद्, युष्मद् प्रत्ययः – क्वा, तुमुन्, ल्यप्, क्त, क्तवत्, शतृ, शानच्	सहायकपुस्तकानि – अभ्यासपुस्तिका प्रस्तावित विधयः – प्रत्ययस्य क्रीडा ,	साप्ताहिक परीक्षा
	नवम्बरमासः	16	अष्टमः पाठः – अन्नाद् आनन्दं प्रति स्थानबोधकानि – अत्र, तत्र, अन्यत्र, सर्वत्र, यत्र, एकत्र, उभयत्र कालबोधकानि – यदा, तदा, सर्वदा, एकदा, पुरा, अधुना, अद्य, श्वः, ह्यः प्रश्नबोधकानि – किम्, कुत्र, कति, कदा, कुतः, कथम्, किमर्थम् अन्यानि – च, अपि, यदि, तर्हि, यथा, तथा, सम्यक्, एव, तु	सहायकपुस्तकानि – अभ्यासपुस्तिका प्रस्तावित विधयः – पुस्तकात् अव्ययपदानम् चयनम् श्लोकोच्चारणम्	साप्ताहिक परीक्षा
	दिसम्बरमासः	24	नवमः पाठः – कृतं प्रतिकृतं भूयादेष धर्मः सनातनः दशमः पाठः – णमो अरिहन्ताणम् समासः – तत्पुरुषः (विभक्ति-नञ्- उपपद-कर्मधारय) सङ्ख्या – 1-100 (1-4 केवले प्रथमा-विभक्ती)	सहायकपुस्तकानि – अभ्यासपुस्तिका प्रस्तावित विधयः – समासे भित्ति-पत्रिका निर्माणम्, सङ्ख्यानम् क्रीडा	साप्ताहिक परीक्षा

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	जनवरीमासः	24	पुनरावृत्तिः प्रश्नपत्रस्य अभ्यासकार्यम्	प्रस्तावित विधयः — रचनात्मककार्यम्-संवादपूर्तिः / कथापूर्तिः, चित्रवर्णनम्	साप्ताहिक परीक्षा
	फरवरीमासः एवम् मार्चमासः	****	सत्रान्तः परीक्षा	*****	वार्षिकपरीक्षा

Syllabus Class IX Session [2026-27]

Subject: Mathematics

Month	Chapter	Topics Covered	No. of Periods	Activities
APRIL	CH-3 (THE WORLD OF NUMBERS)	- History written in bone. - The Indian context : Trade and Astronomy - The concept of shunyata - Brahmagupta's Rule - Integers: Expanding the horizon - Arithmetic of Integers - Fractions and Rational number - Number line, Absolute value, Density, Irrational numbers and proof, Constructions, Decimal expansion	15	To construct a square-root spiral.
MAY Before Vacation	CH-1 (ORIENTING YOURSELF : THE USE OF COORDINATES)	2-D Cartesian coordinate system - Distance formula	04	To find the values of abscissae and ordinates of various points given in a cartesian plane.
	CH-2 (INTRODUCTION TO LINEAR POLYNOMIALS)	- Introduction - Linear equation - Solution , Linear pattern - Linear growth and linear decay, Linear relationship and	05	

		their visualization, Graph		
JUNE After Vacation	CH-4 (EXPLORING ALGEBRAIC IDENTITIES)	- Visualising identities , Factorisation Using algebra tiles and without tiles , Finding Identities - Simplifying rational expressions	10	To verify the algebraic identity : $(a + b)^2 = a^2 + 2ab + b^2$
JULY	CH-5 (I'M UP AND DOWN, ROUND AND ROUND)	- Definitions, Symmetries of a circle - Chords and their angles - Distance of chords from center - Angle subtended by an arc Concyclicity	13	To verify that the angles in the same segment of a circle are equal.
	CH-6 (MEASURING SPACE : PERIMETER AND AREA)	Perimeter of a shape, Circle, Length of an arc, Area of a Rectangle, Triangle, Heron's formula, Brahmagupta's formula, squaring a rectangle	12	To develop the Heron's formula for area of a triangle.

AUGUST	CH-7 (THE MATHEMATICS OF MAYBE: INTRODUCTION TO PROBABILITY)	• Introduction, Randomness, Measuring, Analysing, Sample space, Events, Tree diagrams	10	
	CH-8 (PREDICTING WHAT COMES NEXT : EXPLORING SEQUENCES AND PROGRESSIONS)	• Sequence , A.P. , sum , G.P. , Fun with fractals,	12	
SEPTEMBER	SETS (Maths Adv.)	• Introduction, Types of sets, Equality, Subsets, Power set , Universal sets, Venn Diagrams, Operations, Complement , Application.	04	
	LOGARITHMS (Maths Adv.)	Introduction , Inverse, Properties, Base 10, Solving Equations, Graph Revision + Half-Yearly Exam	04	
OCTOBER	Introduction to Euclid's Geometry: Axioms and Postulates	History of geometry • Constructing a square with a given side as described in the Baudhayana's Sulbasutras • Discovering Euclid's definitions • Axioms: Axioms of measurement and rules for geometric objects	05	To verify that the sum of the angles of a triangle is 180°.
	Lines and Angles	Rays and angles • Measures of angles • Intersecting lines and angles • Pairs of angles • Theorems and examples on intersecting lines • Theorems and examples on parallel lines	10	

NOVEMBER	Triangles: Congruence Theorems	Practical applications of triangles • Proofs of conditions of congruence of triangles • Theorems on triangles • Propositions and their converse • Problems based on applications of theorems on triangles	07	To verify experimentally the different criteria for congruency of triangles using triangle cut-outs.
	4-gons (Quadrilaterals)	Properties of parallelograms • Important theorems related to parallelograms and their proof • Midpoint theorem and its applications • Understanding the notion of central symmetry in the context of parallelograms	08	To verify experimentally that the parallelograms on the same base and between same parallels are equal in area.
DECEMBER	Mensuration : Surface Area and Volume	Surface areas and volumes of spheres (including hemispheres) and right circular cones	08	To obtain the formula for the surface area of a sphere.
	Statistics	Graphical representation of data • Measures of central tendency	10	To draw histograms for classes of equal widths and varying widths.
JANUARY	Linear Equations in Two Variables	Introduction to linear equations in two variables through practical examples • Solution of linear equation in two variables: graphical representation • Slope-intercept form of linear equation in two variables • Drawing graphs of linear equations when x and y assume only certain values • Pair of linear equations in two variables • Graphical method for solving a pair of linear equations in two variables • Nature of solutions: consistency	07	

	[Maths Advance]	and inconsistency • Algebraic methods of solving a pair of linear equations: substitution and elimination method REVISION	15	
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Prescribed Books:

1. Mathematics - Textbook for class IX - NCERT Publication
2. Guidelines for Mathematics Laboratory in Schools, class IX - CBSE Publication
3. Laboratory Manual - Mathematics, secondary stage - NCERT Publication
4. Mathematics exemplar problems for class IX, NCERT publication

TARAPADA SARANGI
DAV PUBLIC SCHOOL, BAHARAGORA

Split-up Syllabus for Class IX Session [2026-27]

Subject: Science

Month	Chapter	Topics Covered	No of Periods	Activities
April	Biology: Cell: The building block of life	• Discovery of cell • Plant and animal cells • Prokaryotic and eukaryotic cells • Cell as a structural and functional unit of life; structure and function of key organelles (nucleus, mitochondria, chloroplast, endoplasmic reticulum, vacuoles, plasma membrane, cell wall)	09	Observe onion peel and cheek cells under a microscope; prepare a labelled cell model using clay/chart paper.
	Chemistry: Exploring mixtures and their Separation	• Homogeneous and heterogeneous mixtures; • Solutions, suspensions, colloids and their properties • Various ways to express concentration of solutions (mass by mass percentage of a solution, mass by volume percentage of a solution, volume by volume percentage of a solution)		Prepare a solution, suspension, and colloid; demonstrate filtration, sedimentation, and evaporation.
	Physics: Describing Motion around us	• Motion — displacement, velocity, acceleration • Graphical representation of motion for an object moving in a straight line in one direction (with constant velocity, and constant acceleration)	10	Measure speed by walking/running over a fixed distance; plot a distance–time graph.
MAY (Before Vacation)	Biology: Cell: The building block of life (Cont.)	• Permeability of cell membranes • Cellular division and cancer • Recent advancement in cell biology	06	Demonstrate osmosis using raisins/potato cups; prepare a flowchart on cell division.
	Chemistry: Exploring mixtures and their Separation (Cont.)	• Separation techniques based on the physical properties of components, including crystallisation, distillation, paper chromatography, sublimation, centrifugation and coagulation		Perform paper chromatography using sketch pens; demonstrate crystallization of copper sulphate.
	Physics: Describing Motion around us (Cont.)	• Kinematic equations for motion in a straight line with constant acceleration (by graphical method) • Elementary idea of uniform circular motion	06	Verify equations of motion using graphical interpretation and numerical problems.
	Biology: Microscope and	• What is a Microscope? • Historical journey of microscope	06	Identify microscope parts and observe

JUNE (After Vacation)	Microscopy (Advance)	• Working of microscope • Types of microscopes		prepared slides.
	Chemistry: Mixtures And Separation Of Mixtures (Advance)	• Chromatography • Fractional Distillation		Teacher demonstration/video on fractional distillation and chromatography.
	Physics: Measurement- The Foundation of Science (Advance)	• Introduction: What is measurement? • Need for a common system of units • International System of units • Conversion of units between different systems	04	Measure length, mass, and time using laboratory instruments; practice unit conversions.
JULY	Biology: Microscope and Microscopy (Advance) (Cont.)	• Parts of a compound microscope • Working of light microscope • Microscopy Skills (Slide preparation and permanent slide) • Magnification and resolution • Uses and limitations of microscope		
	Chemistry: Journey inside the Atom	• Atoms are the basic units of elements • Atoms consist of subatomic particles • Atomic Models (Thomson's Model, Rutherford's Model, and Bohr's Model) • Distributions of electrons in elements (up to 18 elements) • Symbols • Valency as the combining capacity • Atomic number • Mass number • Isotopes • Isobars		Prepare 3D atomic models (Bohr model); electron distribution activity using beads.
	Physics: Understanding motion through experience (Advance) How forces affect motion	• What is motion • Scalars and vectors • Vector addition (Graphical method) • Equations of motion • Force; balanced and unbalanced forces • Force of friction • Newton's first law of motion • Newton's second law of motion • Newton's third law of motion	08	Balloon rocket activity to demonstrate Newton's Third Law; friction experiment using different surfaces.

AUGUST	Biology: Tissues in Action	• Tissues: Introduction and importance • Level of organisation in the living organisms • Plant and animal tissues • Types of plant tissues • Meristematic tissues (types and function of each) • Permanent tissues (types, structure and function of each) • Animal tissues • Overview (epithelial, connective, muscular and nervous tissues — types, structure and function of each) • Elementary idea of musculoskeletal system • Care of musculoskeletal system: injuries, postural care, nutrition and exercise. * Revision for Half yearly exam	12	Observe permanent slides of plant and animal tissues; prepare tissue charts/models.
	Chemistry: Structure of atom (Advance)	• Discovery of electrons, protons and neutrons • Spectrum: Line spectrum of hydrogen • Bohr's Model: Its limitations and achievements * Revision for Half yearly exam		Compare atomic models through a group presentation or role play.
	Physics: Newton's laws of motion (Advance)	• Limitations of Newton's laws in accelerating frames • Understanding the limitations • Pseudo force • Gravitation • Concept of centripetal and Centrifugal forces • Derivation – Acceleration due to gravity at height • Torque * Revision for Half yearly exam	12	Coin-card inertia activity, balloon rocket, and circular motion demonstration using a bucket of water.
SEPTEMBER		Revision and Half yearly exam Starts		
OCTOBER	Biology: Engineering life: Miracles in bio-technology (Advance)	• Introduction to biotechnology • Traditional vs. Modern biotechnology • Microbes as tools in biotechnology • Applications of biotechnology • Bio-reactors and Fermenters • Ethical issues in biotechnology	09	Prepare posters or presentations on biotechnology applications in agriculture and medicine.
	Chemistry: Atomic foundations of matter	• Law of conservation of mass • Law of constant proportion • Dalton's Atomic theory		Model Dalton's theory using coloured balls;

		• Molecules of elements, Molecules of covalent compounds and their properties		balancing simple chemical equations.
	Physics: Work, Energy and simple machines	• Concept of work; work done by a constant force • Work-Energy theorem • Mechanical energy, kinetic and potential energy, and conversion between potential energy and kinetic energy • Conservation of energy	06	Calculate work done in lifting objects; identify energy transformations in daily life.
NOVEMBER	Biology: Reproduction: How life continues	• Introduction to different forms of reproduction — sexual and asexual • Types of asexual reproduction with examples • Sexual reproduction in flowering plants • Sexual reproduction in humans: male and female reproductive systems • Reproductive health and hygiene • Introduction to birth control methods and importance	10	Flower dissection to identify reproductive parts; prepare a life-cycle chart.
	Chemistry: Atomic foundations of matter	• Ions, Ionic compounds and their properties • Writing chemical formulae • Molecular mass • Formula unit mass		Build ionic and covalent bond models using clay/balls and sticks.
	Chemical bonding (Advance)	• Octet rule: Lewis approach and exceptions of octet rule • Metallic bonding: Electron sea model and properties of metals		
	Physics: Work, Energy and simple machines (Cont.)	• Power • Simple machines and their mechanical advantage (pulley, inclined plane, lever)	10	Find the mechanical advantage of a lever or pulley using simple classroom materials.
	The Geometry of Power – Advanced Simple Machines (Advance)	• Introduction • Wheel and axle • Tension • Numerical		
	Work and Energy (Advance)	• Conservative and non-conservative force • Potential energy of a spring • Numerical		

DECEMBER	Biology: Patterns in life: Diversity and classification	• Importance of classification • Five kingdoms and their key features with examples • Major division of animals and plants	12	Classification game using picture cards; prepare a five-kingdom chart.
	Chemistry: Earth as a system: Energy, matter and life	• Earth as interconnected system • Nature of solar energy: solar radiation, electromagnetic spectrum, and speed of light • Solar energy interaction with the Earth's Surface and differential heating of the Earth (the role of the atmosphere and the Earth's surface)		Prepare a water cycle model; identify renewable and non-renewable energy sources.
	Physics: Sound Waves: Characteristics and applications	• Production of sound • Propagation of sound (as a longitudinal wave through a medium) • Graphical representation of sound wave • Characteristics of sound wave (wavelength, frequency, time period, amplitude, intensity, speed)	07	Produce sound using tuning forks or rubber bands; identify high and low pitch sounds.
JANUARY	Biology: Patterns in life: Diversity and classification (Cont.)	• Binomial nomenclature • A cellular entities: viruses * Revision for Annual exam	10	Nature walk (or picture-based classification); prepare a dichotomous key for common organisms.
	Chemistry: Earth as a system: Energy, matter and life (Advance)	• Differential warming of the Earth causes winds • Biogeochemical cycles (water cycle, carbon cycle, nitrogen cycle, oxygen cycle) • Human impact on Earth's system * Revision for Annual exam		Model of carbon/water cycle; poster on environmental conservation.
	Physics: Sound Waves: Characteristics and applications(Cont.)	• Human perception of sound (pitch, loudness) • Propagation of sound in different media (solid, liquid) • Reflection of sound (echo, reverberation), echolocation * Revision for Annual exam	06	Echo demonstration using online simulation/video; investigate factors affecting loudness and pitch.
FEBRUARY		Revision and Annual exam Starts		

TS DAV PUBLIC SCHOOL BAHARAGORA
STD IX
SPLIT-UP SYLLABUS → SOCIAL SCIENCE

MONTHS	TOPICS	PERIODS
April	Part 1 Ch 1 Understanding Social Science Ch 3 Atmosphere and Climate Ch 4 Early Humans And Beginning of Civilisation Ch 6 Democracy	Ch 1 (8) , Ch 3 (8), Ch 4 (8) Ch 6 (8)
May	Ch 3 Atmosphere and Climate Ch 4 Early Humans And Beginning of Civilisation Ch 8 Building Blocks in Economics	Ch 3 (4) , Ch 4(4) , Ch 8 (8)
June	Ch 2 Shaping of the Earth's Surface Ch 4 Early Humans and Beginning of Civilisation Ch 7 Elections	Ch 2 (4), ch 4 (4) , Ch 7 (4)
July	Ch 2 Shaping of Earth's Surface Ch 5 State and Society Ch 7 Elections Ch 9 The Price Puzzle What drives the Market	Ch 2 (8), ch 5(8), Ch 7 (6), Ch 9 (10)
August	Ch 2 Shaping of Earth's Surface Ch5 State and Society Ch 9 The Price Puzzle What drives the Market Part 2 ch 5 Authority	Ch 2 (8) , Ch 5(8), Ch 9(2) , part 2 Ch 5(14)
September	Revision	
October	Part 2 Ch 1 Oceans and life Ch 3 Resistance and Resilience Ch 5 Authority Ch 6 From Ideas to Start-ups	Part 2 ch 1 (8), ch 3 (8), ch 5(8), ch 6 (8)
November	Ch 1 Oceans and life Ch 3 Resistance and Resilience Ch 2 Life on Earth Ch 6 From Ideas to Start –ups	Ch 1 (4), Ch 3(8) , Ch 2 (4), Ch 6 (16)
December	Ch 4 India and the World	Ch 4(8), Ch2 (8), Ch

	Ch 2 Life on Earth Ch 7 Smart ways to manage your Finances	7(16)
January	Ch 4 India and the World Ch 2 Life on Earth Ch 7 Smart ways to manage your Finances Revision	Ch 4(6) , ch2 (6), Ch 7 (6)
February	Revision	

TS DAV PUBLIC SCHOOL, BAHARAGORA CLASS-
IX : SPLIT-UP SYLLABUS : 2026-27
SUB : ARTIFICIAL INTELLIGENCE (417)
DISTRIBUTION OF MARKS AND PERIODS
TOTAL MARKS: 100 (THEORY-50 + PRACTICAL-50)

		UNITS	MAX. MARKS for Theory and Practical
PART A		Employability Skills	
		Unit 1: Communication Skills-I	5
		Unit 2: Self-Management Skills-I	
		Unit 3: ICT Skills-I	
		Unit 4: Entrepreneurial Skills-I	5
		Unit 5: Green Skills-I	
		Total	10
PART B		Subject Specific Skills	
		Unit 1: Introduction to Artificial Intelligence(AI)	10
		Unit 2: AI Project Cycle	10
		Unit 3: Neural Network	5
		Unit 4: Introduction to Python	15
		Total	40
PART C		Practical Work	
		• Unit 4: Introduction to Python	20
		Practical Examination	10
		Viva Voce	5
PART D		Total	35
		Project Work / Field Visit / Practical File/ Student Portfolio	
			10
		Viva Voce	5
		Total	15
		GRAND TOTAL	100

MARKS DISTRIBUTION

UNIT	UNIT NAME	MARKS
1	Unit 1: Communication Skills-I	5
2	Unit 2: Self-Management Skills-I	
3	Unit 3: ICT Skills-I	
4	Unit 4: Entrepreneurial Skills-I	5
5	Unit 5: Green Skills-I	
6	Unit 1: Introduction to Artificial Intelligence(AI)	10
7	Unit 2: AI Project Cycle	10
8	Unit 3: Neural Network	5
9	Unit 4: Introduction to Python	15
	TOTAL	50

PRACTICAL

Sl	Unit Name	Marks
1	Practical Work Unit 4: Introduction to Python	20
2	Practical Examination	10
3	Viva Voce	5
4	Project Work / Field Visit / Practical File/ Student Portfolio	10
5	Viva Voce	5

**MONTH-WISE DISTRIBUTION
THEORY**

Sl	Month	Topic	Theory	Prac
1	April & May	Unit 1 Communication Skills: Session 1 Methods of Communication, Session 2 Verbal Communication Unit 2 Self-management Skills Session 1 Stress Management Session 2 Self-awareness — Strength and Weakness Analysis Unit 3 Information and Communication Technology Skills Session 1 Basic Computer Operations	08	--
2	June & July	Unit 1 Communication Skills: Session 3 Non-verbal Communication Session 4 Communication Cycle and Importance of Feedback Unit 2 Self-management Skills Session 3 Self-motivation Unit 3 Information and Communication Technology Skills Session 2 Performing Basic File Operations Unit 1: Introduction to Artificial Intelligence(AI) EXCITE Session: Introduction to AI and setting up the context of the curriculum RELATE Video Session: To watch a video • Introducing the concept of Smart Cities, Smart Schools and Smart Homes PURPOSE Session: • Introduction to UN Sustainable Development Goals	06 04	 02
3	August	Unit 1: Introduction to Artificial Intelligence(AI) – contd... POSSIBILITIES Session: Theme-based research and Case Studies • Learners will listen to various case-studies of inspiring start-ups, companies or communities where AI has been involved in real-life. • Learners will be allotted a theme around which they need to search for present AI trends and have to visualise the future of AI in and around their respective theme. AI ETHICS Video Session: Discussing about AI Ethics Recommended Activity: Ethics Awareness • Students play the role of major stakeholders, and they have to decide what is ethical and what is not for a given scenario. Session: AI Bias and AI Access • Discussing about the possible bias in data collection • Discussing about the implications of AI technology	04	01

		Unit 2: AI Project Cycle Session: Introduction to AI Project Cycle • Problem Scoping • Data Acquisition • Data Exploration • Modelling • Evaluation	04	01
4	September	Unit 2: AI Project Cycle – contd... Data Acquisition Activity: Introduction to data and its types. Data Exploration Session: Data Visualisation • Need of visualising data • Ways to visualise data using various types of graphical tools. Modelling Session: Decision Tree, • To introduce basic structure of Decision Trees to students. HALF YEARLY EXAMINATION	04	--
5	October	Unit 4 Entrepreneurial Skills Session 1 Entrepreneurship and Society Session 2 Qualities and Functions of an Entrepreneur Session 3 Myths about Entrepreneurship Session 4 Entrepreneurship as a Career Option Unit 5 Green Skills Session 1 Sustainable Development Session 2 Our Role in Sustainable Development	06	--
6	November	Unit 3: Neural Network Session: Introduction to neural network • Relation between the neural network and nervous system in human body • Describing the function of neural network. Unit 4: Introduction to Python Recommended Activity: • Introduction to programming using Online Gaming portals like Code Combat. Session: • Introduction to Python language • Introducing python programming and its applications	04	04
7	December	Practical: Python Basics • Students go through lessons on Python Basics (Variables, Arithmetic Operators, Expressions, Data Types - integer, float, strings, using print() and input() functions) • Students will try some simple problem-solving exercises on Python Compiler.	04	04
8	January	Practical: Python Lists • Students go through lessons on Python Lists (Simple operations using list) • Students will try some basic problem-solving exercises using lists	04	04
9	February	Revision and Project		