



Indian School Wadi Kabir

Class: XI

ISWK SHARING KNOWLEDGE

(Monthly Plan - April 2026)

SUBJECTS	Week - 1	Week - 2	Week - 3	Week - 4	Week - 5	Learning Outcomes
ENGLISH		BRIDGE COURSE - Worksheets for Comprehension, Grammar and Vocabulary	Hornbill: The Photograph (poem) Portrait of a lady (prose)	Hornbill: The Photograph (poem) Portrait of a lady (prose)	WRITING: Classified Advertisements GRAMMAR: Tenses Comprehension- unseen passage	RECALL of Vocabulary, Grammar and Comprehension -to perceive meaning and organisation of the text -using appropriate Writing formats and fluency, inference, analysis and creativity -Ability for deeper understanding of the text and the real world around them -Draft advertisements -Use grammatical structures
MATHEMATICS		Bridge Course Work Sheet based on Basics of mathematics learned till class 10	CH:1 - SETS Understand Sets and their representations, Empty set, Finite & Infinite sets. Subsets. Subsets of a set of real	CH:1 - SETS Venn diagrams. Union and Intersection of sets. Difference of sets. Complement of a set. Properties of complement sets. Practical problems on	CH:2- RELATIONS AND FUNCTIONS Cartesian product of sets. Number of elements in the Cartesian product of two finite sets. Cartesian product of the set of all reals	Children understand Sets and their representations, Empty set, Finite & Infinite sets. Recognize Subsets. Subsets of a set of real numbers especially intervals (with notations),

			numbers especially intervals Universal set.	union and intersection of sets. Apply in real life situations	with itself (upto $R \times R$). Definition of relation, pictorial diagrams, domain, co-domain and range of a relation.	Universal set. and their various properties and concepts. Students understand the basics of relation and functions
PHYSICS		Bridge course	chapter-1 Rest and Motion. Equations of motion, Graphs, Scalar and vector quantities, physical quantities, units, conversions	Newton's three laws of motion, Inertia, momentum, Types of work, energy, power, Universal law of gravitation. Acceleration due to gravity Chapter-2: Motion in a Straight Line: Frame of reference, Motion in a straight line, Elementary concepts of differentiation and integration for describing motion, uniform and non-uniform motion instantaneous	velocity, uniformly accelerated motion, velocity - time and position-time graphs. Relations for uniformly accelerated motion (graphical treatment). Chapter-3: Motion in a Plane: Scalar and vector quantities; position and displacement vectors, general vectors and their notations;	Students will be able to demonstrate a clear understanding of the fundamental concepts of Physics and its applications Learners will be able to recall the different types of motion They will be able to distinguish between 1 dimension and 2 dimension motion
CHEMISTRY		Bridge course	Chapter 1-Some basic concepts of Chemistry	Stoichiometry basics. Stoichiometric Calculations	Chapter - 2 Structure of atom, Dual Nature of Matter and Light,	Students will be able to demonstrate a clear understanding of the fundamental

			Introduction to Chemistry and its Importance.Laws of chemical combination Mole concept, Empirical and Molecular Formulas,		de Broglie's Relationship	concepts of Chemistry, including the significance of chemical laws, the application of the mole concept in calculations, and the ability to describe atomic structure as per Bohr's model. They will engage in problem-solving and critical thinking through practical applications and assessments.
BIOLOGY		BRIDGE COURSE	Chapter-8 Cell: The Unit of Life, Cell theory, Organelles of prokaryotic cell and eukaryotic cell	Chapter 10-Cell cycle and Cell Division Different Phases and the process in different phases of cell division. Introduction to various stages in mitosis	Chapter 10Cell cycle and Cell Division,Meiosis and mitosis in cells. Meiosis 1 and 2.	Learners will be able to recall the different organelles. They will be able to distinguish between mitosis and meiosis. Define the cell cycle as the sequence of events leading to cell growth and division. Explain the importance of the cell cycle in

						growth, repair, and reproduction.
INFORMATICS PRACTICES		BRIDGE COURSE	Introduction to computer and computing, Evolution of computing devices, Components of a computer system	Computer memory- primary memory & secondary memory, Computer Software- system and application software, generic and specific purpose software	Basics of Python Programming - Variables - Data types - Operators, Expressions	-Recall of python basics -to understand the basic structure and components of computer system -to understand about computer memory and software -to get a deeper understanding of python variables and data types
COMPUTER SCIENCE		BRIDGE COURSE	Computer Systems and Organization – Description of Computer System - Mobile System – Types of Software Compiler – Interpreter - Memory Units - Number System	Boolean Logic – Basic Concepts of Flowchart - Computational Thinking and Programming – Features of Python	Executing a simple “hello world” program, execution modes: interactive mode and script mode, Python character set, Python tokens(keyword, identifier, literal, operator, punctuator), variables, concept of l-value and r-value	-Each student knows the basics of the computer system and types of softwares used. -Students will know the basics of python programs using interactive and script mode. -They will get an idea about variables, tokens etc.

ACCOUNTANCY	-	Introduction to Accounting. Accounting- concept, meaning, as a source of information. Objectives, advantages and limitations. Types of accounting information. Users of accounting information and their needs. Qualitative Characteristics of Accounting Information. Role of Accounting in Business.	Introduction to Accounting, Basic Accounting Terms. "Accounting terminologies- Entity, Business Transaction, Capital, Drawings. Liabilities (Non Current and Current). Assets (Non Current, Current); Expenditure (Capital and Revenue), ""Accounting terminologies-Expense, Revenue, Income, Profit, Gain, Loss, Purchase, Sales, Goods, Stock, Debtor, Creditor, Voucher, Discount (Trade discount and Cash Discount)	Fundamental accounting assumptions: GAAP: Concept "Basic Accounting Concepts: Business Entity, Money Measurement, Going Concern," "Accounting Period, Cost Concept, Dual Aspect, Revenue Recognition, Matching, Full Disclosure, Conservatism, Materiality and Objectivity. Basis of Accounting. Systems of Accounting"	Accounting Standards: Applicability of Accounting Standards (AS) and Indian Accounting Standards (IndAS) "Source Document Voucher and Transactions: Source documents and Vouchers, Preparation of Vouchers" Recording of transactions: Accounting Equations	- Describe the meaning and significance of accounting. - Explain how accounting functions as a source of information for decision-making. - Describe the objectives and limitations of accounting. - Understanding of qualitative characteristics and way of accounting system: Double entry & single entry. - Understand and explain the various accounting terms and differentiate between related terms.
BUSINESS STUDIES		Nature and Purpose of Business (Business Trade and Commerce)	Objectives, Role of Profit, Industry Commerce	Forms of Business Organisation	HUF, and Cooperative Societies	To acquaint the History of Trade and Commerce in India. Meaning of business with

		Business Concept, types and differences	and types, Trade and Auxiliaries to Trade			special reference to economic and noneconomic activities. • The characteristics of business Understand the concept of business, profession and employment. • Differentiate between business, profession and employment. Identify and explain the concept, merits and limitations of a Partnership firm. Understand the types of partnership on the basis of duration and on the basis of liability. • State the need for registration of a partnership firm. The types of partners –active, sleeping, secret, nominal and partner by estoppel. The concept of Hindu Undivided Family Business. Identify and explain the concept, merits and limitations of Cooperative Societies. • The concept of consumers, producers,
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						marketing, farmers, credit and housing co-operatives.Writing Notes.
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ECONOMICS		Introduction to statistics: Meaning, scope, functions and importance of statistics in economics. Collection of data : Meaning, sources of data	Sampling and Non-sampling errors, methods of collecting data Methods of Sampling	Collection of data (Contd.) Census of India and NSSO Organization of Data: Meaning, Types of variables, How to prepare a Frequency distribution.	Frequency Distribution - with inclusive and exclusive class interval Numerical Practice	Understanding the meaning , scope of the subject. a. Will know what the subject of economics is about. b. Understand how economics is linked with economic activities in consumption, production, and distribution. c. Understand how knowledge of statistics helps in describing the activities of the economy. Define the meaning of the collection of data. Analyse the purpose of data collection. Distinguish between primary and secondary sources.
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						Explain and compare the various methods of sampling. Explain the functions of Census of India and NSSO. Organise raw data for any further analysis. Construct a table with all required information for easy comparison & analysis.
ENTREPRENEURSHIP		Chp 1: Entrepreneurship - Concept & Functions Understand the concept of Entrepreneurship Explain the functions of an Entrepreneur	Appreciate the need for entrepreneurship for the nation. Myths of entrepreneurship Advantages and Limitations of entrepreneurship Discuss the steps in the process of Entrepreneurship Writing Notes	Chp 2: An Entrepreneur Types of Entrepreneurs	Competencies of an Entrepreneur Ethical Entrepreneurship Understanding the core values of Entrepreneur	Students will be able to: Define the concept of entrepreneurship in simple terms. Explain the role and importance of an entrepreneur in business and society. Identify and describe the key functions performed by an entrepreneur. Appreciate the need for entrepreneurship in

						national development (economic growth, employment generation, innovation). Distinguish between myths and realities of entrepreneurship. Analyze the advantages and limitations of entrepreneurship. Outline and explain the steps involved in the entrepreneurial process. Develop structured notes summarizing key concepts of entrepreneurship.
MARKETING		EMPLOYABILITY SKILLS – CHP 1: COMMUNICATION SKILLS 1. Introduction to communication 2. Importance of communication 3. Elements of communication 4. Perspectives/ Barriers in communication Factors Affecting Perspectives in communication	Non - verbal Communication - types Visual Communication 6. Communication Styles 7. Refusal Skills	SUBJECT SPECIFIC SKILLS – UNIT 1 INTRODUCTION TO MARKETING 1. Introduction to Concept and Definition Of Marketing 2. Marketing Concepts 3. Objectives of Marketing 4. Scope and Importance of Marketing	Importance to Customers Importance to Society 5. Marketing Philosophy 6. Marketing vs Selling	1. Define communication 2. Illustrate the effectiveness of communication 3. Analyze how different elements interact and influence communication outcomes 1. Define marketing 2. Explain various marketing concepts 3. Identify and explain the primary objectives of marketing

				Importance to the Marketers		4. Describe the scope of marketing activities 5. Understand different marketing philosophies 6. Differentiate between marketing and selling by explaining their distinct focuses
ENGINEERING GRAPHICS		Bridge course -Introduction to the new subject - Preliminary Contents of Engg.Graphics like Drawing instruments,size and shape	Layout of drawing sheet and title block construction with proper measurements.	Unit 1 : Rectilinear Figures - Definitions, Bisection and construction of angle.	Types of lines,triangles	Recalling the concepts of bisection and construction of triangles from earlier classes
PSYCHOLOGY		Unit 1: General Introduction and Overview of Subject and Gr.11 Syllabus. Chp 1:- What is Psychology? Introduction Unit 1: What is Psychology? Psychology as a Discipline, Natural Science and Social	Unit 1: What is Psychology? Evolution of Psychology Development of Psychology in India Unit 1: What is Psychology? Branches of Psychology	Branches of Psychology Branches of Psychology (continued)		Learners will be able to;- *Develop a basic idea about the nature of Psychology *Understand various aspects of the Discipline *Enlist and describe various branches of Psychology * Relate to Daily relevance of the subject

		Science Understanding Mind and Behaviour				
PHYSICAL EDUCATION		Changing Trends and Careers in Physical Education Concept, Aims & Objectives of Physical Education Development of Physical Education in India – Post Independence	Changing Trends in Sports- playing surface, wearable gear and sports equipment, technological advancements	Career options in Physical Education	Khelo-India Program and Fit – India Program	Students will be able to: •Recognize the concept, aim, and objectives of Physical Education. •Identify the Post-independence development in Physical Education. •Categorize Changing Trends in Sports- playing surface, wearable gear, sports equipment, technological •Explore different career options in the field of Physical Education. •Make out the development of Khelo India and Fit India Program.
PAT		unit 1: Role of Physical Education in Child	Identify factors influencing physical activities	Create different levels of physical activity planning for children	- Prepare lesson plans for physical activities	<i>Recognize children's physical, mental, and social needs to support holistic growth and well-being effectively.</i>

		Identify physical and emotional needs of children				
SOCIOLOGY		BRIDGE COURSE: -Introduction to Sociology & Relevance of the subject in the present times -Basics of Research Methodology & Project Details and Internal Assessments for the new Academic review - Comprehension skills for Sociology	Chapter 1: Sociology & Society - Subject matter, concepts & Pluralistic perspectives	Chapter 1: Distinguishing Common sense from Sociology, Material and Intellectual factors that led to the birth of Sociology	Chapter 1: Scope of Sociology and relation to other Social Sciences	Understand key concepts – Define Sociology and Society, and recognize contributions of thinkers like Auguste Comte and Emile Durkheim. Explain sociological perspective – Distinguish between common-sense knowledge and sociological thinking, and understand the role of events like the Industrial Revolution. Apply concepts to real life – Use sociological imagination to interpret everyday social situations and issues. Develop skills and values – Build critical thinking, research skills, and sensitivity towards diversity and social issues.



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ISWK SHARING KNOWLEDGE

(Monthly Plan - May 2026)

SUBJECTS	Week - 1	Week - 2	Week - 3	Week - 4	Week - 5	Learning Outcomes
ENGLISH	GRAMMAR: Sentence reordering	Snapshots: The Summer of the Beautiful White Horse (Prose)	Snapshots: The Summer of the Beautiful White Horse (Prose)	WRITING: Long Writing task: Speech Writing	SUMMER BREAK	Express opinion facts, arguments in the form of writing. Comprehend the difference between literal and figurative devices. Use grammatical structures accurately and appropriately.

MATHEMATICS	CH:2- RELATIONS AND FUNCTIONS Recognize Function as a special kind of relation Pictorial representation of a function, domain, co-domain & range of function. Real valued functions, domain and range of the functions with their graphs.	CH:3-TRIGONOMETRY Positive and negative angles. Measuring angles in radians and in degrees and conversion from one measure to another. Definition of trigonometric functions with the help of unit circle.	3-TRIGONOMETRY Revision For UT1 Signs of trigonometric functions.	Unit Test Revision Unit Test for Class XI	SUMMER BREAK	Children recognize Function as a special kind of relation from one set to another. Pictorial representation of a function, domain, co-domain & range of function. Real valued functions, domain and range of the functions with their graphs. Children recalls Positive and negative angles. Measuring angles in radians and in degrees and conversion from one measure to another. Definition of trigonometric functions with the help of unit circle.
PHYSICS	Equality of vectors, multiplication of vectors by a real number; addition and subtraction of vectors, Unit vector; resolution of a vector in a plane, rectangular components	Scalar and Vector product of vectors. Motion in a plane, cases of uniform velocity and	uniform acceleration,projectile motion, uniform circular motion. Worksheet and exercise questions worksheet and exercise questions	Chapter–1: Units and Measurements: Need for measurement: Units of measurement; systems of units; SI units, fundamental and derived units. Dimensions of physical quantities, dimensional	SUMMER BREAK	Students will understand the vector multiplication and resolving of vectors Students will be able to: Define and explain the projectile motion and the circular motion

				analysis and its applications.		,centripetal acceleration ,centripetal force etc
CHEMISTRY	Heisenberg Uncertainty Principle, Concept of Orbitals	Quantum Numbers, Shapes of Orbitals	Rules for Filling Electrons in Orbitals, Electronic Configuration and Stability	Chapter -3-Classification of Elements and Periodicity in Properties, Modern Periodic Law and the Present Form of the Periodic Table	SUMMER BREAK	Students will be able to: •Describe the structure of the atom and the discovery of subatomic particles. •Explain the dual nature of matter and light. •Apply de Broglie's relationship and Heisenberg's uncertainty principle. •Understand the concept of orbitals and quantum numbers. •Determine the shapes of s, p, and d orbitals. •Apply rules for filling electrons in orbitals. •Write electronic configurations and assess the stability of

						half-filled and completely filled orbitals.
BIOLOGY	Chapter-9 Biomolecules, Compositions of different lipids, proteins.	Chapter-9 Biomolecules, Formation of enzyme-substrate complex. Enzyme action and product formation.	CH-14 : Breathing apparatus of Gases , respiratory system in different animals, human respiratory system, mechanism of double circulation and disorders.	Chapter 15: Body Fluids and Circulation Composition of blood, blood groups, coagulation of blood; composition of lymph and its function.	SUMMER BREAK	Students will understand the various compositions of different lipids, proteins. Explain the formation of ES complex. Enzyme substrate complex and product formation.
INFORMATICS PRACTICES	Conditional statements – Introduction, if, if-else, if-elif-else	if else , if elif and nested if	programs with if else	revision on Programs with if else statements		- Use if statements to make decisions in simple Python programs and Apply if-else statements to handle two possible conditions. -Determine the output of programs containing conditional statements. -Apply if-else statements to handle two possible conditions and use while loops for condition-based repetition.

COMPUTER SCIENCE	Comments – Notion of a Variable - Data Types and Operators Operator Types – Python Program creation – IDLE mode and Script mode	Expressions, statement, type conversion, and input/output: precedence of operators, expression, evaluation of an expression, type-conversion .	Conditional statements- if -else, if - elif- else.	Introduction to range function. Iterative statements	-Students will know how python works and modes of it. -Introducing the decision making statements . -Concept of selection statement to be explained Knowing the different types of if statements. -Understanding the working of each type with the help of programs
ACCOUNTANCY	Recording of transactions: Accounting Equations.	Rules of debit and credit. , Journal	Journal- Passing entries- Compound entries	Ledger-Meaning, Uses. Ledger posting, balancing. Trial Balance	- Apply the rules of debit and credit in journalising and posting in a ledger. -Apply the rules of posting entries in books of accounts. -Describe the process of posting transactions from journal to ledger. -Examine various ledger accounts and the treatment of assets and liabilities in different ledger accounts.

						- Apply the rules of journalising and posting for the preparation of T/B
BUSINESS STUDIES	Formation of a company - Stages in the Formation of a Company	Stages in the formation of company and documents	Formation of company - stages, important documents to be used in formation of a company	Formation of company - stages, important documents to be used in formation of a company	Choice of form of business organization	Highlight the stages in the formation of a company. • Discuss the important documents used in the various stages in the formation of a company. Highlight the stages in the formation of a company. • Discuss the important documents used in the various stages in the formation of a company. Choice of form of business organization • Distinguish between the various forms of business organizations. • Factors that influence the choice of a suitable form of business organization.

ECONOMICS	Introduction to Microeconomics: Meaning of micro economics and macroeconomics Positive and Normative economics What is an economy? central problems of an economy. Concepts of Production Possibility Frontier and Opportunity Cost.	Consumers Equilibrium & Demand: Utility - Meaning, Total Utility, Marginal utility, Numericals . Law of diminishing marginal utility, Conditions of consumer's equilibrium using marginal utility analysis Cardinal utility analysis: One commodity case Two commodity case	Consumers Equilibrium & Demand: (Contd) Budget line Monotonic preference, indiff map Condition of consumer's equilibrium with the help of indifference curve analysis.	Consumers Equilibrium & Demand: (Contd) Demand: Market demand, determinants of demand, demand schedule, curve and slope. Movement along and shifts in the demand curve	Consumers Equilibrium & Demand: (Contd) Relationship between income and demand: Distinction between normal good and inferior good. Price Elasticity and its degree.	Distinguish between the concepts; Micro & Macro Economics; Positive and Normative Economics. Analyse the central problems of any economy and discuss the central problems like... what to produce, how to produce and for whom to produce. Understand the shift n swings of PPC State the meaning of utility; Solve numerical related to TU & MU Explain the Law of DMU. Analyse the conditions of equilibrium using marginal utility. Differentiate between cases. Compare and analyze the
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						techniques of the indifference curve, its importance, and its role in the life of the consumers. Explain the conditions of equilibrium and represent it graphically. Analyse the consumer preference for goods and its impact, budget line & set, and indifference curve and represent them graphically. Analyse the relationship of price and quantity demanded. Derive the market demand curve from the individual demand curve. Represent the shift and movement graphically.
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						Distinguish between normal good and inferior goods. State the price elasticity of demand and Explain the various degrees of elasticity.
ENTREPRENEURSHIP	Chp 2: An Entrepreneur Understand the concept of Attitude Concept of Motivation - Maslow's Theory - McClelland's Theory of Needs	Concept of Intrapreneurship - Meaning Importance Consequences Writing Notes	Chp 2: Writing Notes Chp 3: An Entrepreneurial Journey Idea Generation Importance of Evaluating ideas	Concept of Feasibility Study Elements of business plan	VACATION	Students will be able to: Define and explain the concept of attitude and its role in shaping entrepreneurial behavior. Describe the concept of motivation and its importance in driving entrepreneurial actions. Explain Maslow's Theory of Needs and relate it to entrepreneurial motivation. Explain McClelland's Theory of Needs (achievement, affiliation, power) and its relevance to entrepreneurs. Define the concept of intrapreneurship.

						Explain the importance of intrapreneurship within organizations. Analyze the consequences of intrapreneurship for individuals and organizations. Develop structured and organized notes on attitude, motivation, and intrapreneurship
MARKETING	Notes and Worksheet Discussions	SUBJECT SPECIFIC SKILLS: CHP 2 MARKETING ENVIRONMENT 1. Meaning of Marketing Environment 2. Micro Environment Factors 3. Macro Environment Factors	4. Concept of Enviromental Scanning 5. Importance of Environmental Scanning	Worksheet Discussions EMPLOYABILITY SKILLS - SELF MANAGEMENT SKILLS 1. Strength and Weakness Analysis 2. Grooming 3. Personal hygiene 4. Team work 5. Networking 6. Self motivation	SUMMER BREAK	1. Define the concept of marketing environment 2. Identify and analyze micro and macro environment factors 3. Explain the concept of environmental scanning and its importance 1. Techniques for analyzing strengths and weakness goal

						setting and teamwork
ENGINEERING GRAPHICS	Types of quadrilaterals	Types of polygons	Unit 2 - Circles & its circumference - Circles and its definitions	Introduction to inscribing of figures - Inside a triangle	SUMMER BREAK	Understands different types of polygons and constructs it using only with pencils and compass
PSYCHOLOGY	Unit 2: Methods of Enquiry in Psychology- Goals, Steps of Enquiry	Observation Method, Survey Method,	Experimental Method, Case Study,	UT 1 Analysis of Data	Ethics, of Psychology Limitations of Scientific enquiry Discussion of annual Project	Learners will be able to “ # Relate to the various methods used in Enquiry # Understand the details of each method # Discuss Goals, Limitations of research methods
PHYSICAL EDUCATION	Unit 2: Olympism Value Education. Olympism – Concept and Olympics Values (Excellence, Friendship & Respect)	Olympic Value Education – Joy of Effort, Fair Play, Respect for Others, Pursuit of Excellence, Balance Among Body, Will & Mind	Ancient and Modern Olympics. Olympics - Symbols, Motto, Flag, Oath, and Anthem	Olympic Movement Structure - IOC, NOC, IFS, Other members	SUMMER BREAK	Students will be able to: • Incorporate values of Olympism in your life. • Differentiate between Modern and Ancient Olympic Games, Paralympics, and Special Olympic games • Identity the Olympic Symbol and Ideals • Describe the structure of the Olympic movement structure

PAT	EMPLOYABILITY SKILLS Unit 1: COMMUNICATION SKILLS	1.1;; Verbal Communication 1.2: Non Verbal Communication	1.3: Communication Cycle and Importance of Feedback	1.4: Barriers of Effective communication	1.5: Writing Skills - Parts of Speech 1.6: Writing Skills - Sentence	Develop effective verbal, non-verbal, and written communication skills to express ideas confidently, listen actively, collaborate respectfully, and communicate appropriately in academic and real-life situations.
		Unit 3: Organizing Age Appropriate Physical Activities: Fitness Activities Balance Activities	Coordination Activities Rolling and Throwing Activities	Sports Period Planning Sample Lesson Plans	Practicals : portfolio	Effectively manage PE classes, organize age-appropriate activities, develop fitness, balance, coordination, and maintain practical portfolio records.
SOCIOLOGY	Chapter 2: Terms, Concepts & their usage in Sociology Types of Social Groups	Role, status and systems of stratification Social control and Deviance	Unit 3: Social Institutions Introduction to Conflict and Functionalist Perspectives Family, Marriage & Kinship	Unit 3: Economic, Political and Religious Institutions	Unit 3: Completion of Social institutions- school as an institution	CHAP 2: Understand key sociological terms – Define and explain concepts such as social groups, status, roles, norms, and institutions. Differentiate between concepts – Distinguish between related terms (e.g., role vs status, ascribed vs achieved

						status, primary vs secondary groups). Apply concepts to real-life contexts – Use sociological terms to interpret everyday situations like family, school, and peer interactions. Develop sociological thinking skills – Use appropriate terminology to describe, question, and discuss social phenomena in a structured and scientific manner. CHAP 3: Understand key concepts – Define social institutions and explain their characteristics, including structure, norms, and functions. Identify major social institutions – Describe the role and importance of institutions such as family, marriage, education, religion, economy, and polity.
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						Differentiate forms and types – Distinguish between different forms of institutions (e.g., types of family, marriage systems, and kinship patterns). Analyze functions and changes – Examine how social institutions maintain social order and how they change over time due to social, economic, and cultural factors.
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	Class: XI Indian School Wadi Kabir ISWK SHARING KNOWLEDGE (Monthly Plan - July 2026)					
SUBJECTS	Week - 1	Week - 2	Week - 3	Week - 4	Week - 5	Learning Outcomes

ENGLISH	SUMMER BREAK	SUMMER BREAK	SUMMER BREAK	Hornbill: "We're not afraid to Die... if We can be together (prose)	Hornbill: "We're not afraid to Die... if We can be together (prose)	Learners will be able to analyse themes of courage and resilience and reflect on the significance of teamwork in facing challenges.
MATHEMATICS	SUMMER BREAK	SUMMER BREAK	SUMMER BREAK	CH:3-TRIGONOMETRY Signs of trigonometric functions. Domain and range and graphs. (Continue)	CH:3-TRIGONOMETRY Expressing $\sin(x+y)$ and $\cos(x+y)$ in terms of $\sin x$, $\sin y$, $\cos x$ & $\cos y$. Identities related to $\sin 2x$, $\cos 2x$, $\tan 2x$, $\sin 3x$, $\cos 3x$ and $\tan 3x$	Learners will be able to express $\sin(x+y)$ and $\cos(x+y)$ in terms of $\sin x$, $\sin y$, $\cos x$ & $\cos y$. Understands Identities related to $\sin 2x$, $\cos 2x$, $\tan 2x$, $\sin 3x$, $\cos 3x$ and $\tan 3x$
PHYSICS	SUMMER BREAK	SUMMER BREAK	SUMMER BREAK	To understand and derive the equation using dimensional analysis. To check the correctness of the equation	Chapter: 4 Laws Of Motion: Intuitive concept of force. Inertia, Newton's first law of motion.	Learners will be able to analyse laws of motion Students will be able to recognize ,the various types of inertia
CHEMISTRY	SUMMER BREAK	SUMMER BREAK	SUMMER BREAK	Periodic Trends in Atomic Radii and Ionic Radii Periodic Trends in Ionization Enthalpy and Electron Gain Enthalpy	Periodic Trends in Electronegativity and Valency. Nomenclature of Elements with Atomic Number Greater than 100	Students will be able to: Define atomic radius and ionic radius, and understand the factors influencing their sizes.Describe how atomic and ionic radii change across periods and down groups in the periodic table

						Explain the concepts of shielding and penetration, and their effects on effective nuclear charge and atomic size. Compare the sizes of cations and anions to their parent atoms, and understand the reasons for these differences.
BIOLOGY	SUMMER BREAK	SUMMER BREAK	SUMMER BREAK	Chapter 15: Body Fluids and Circulation Human circulatory system. Disorders related to circulatory systems. Ch 16 : Excretory Products and their Elimination , organs of excretion in different animals, structure and function of nephron, Formation of urine.	Ch 16 : Excretory Products and their Elimination, Disorders associated with the excretory system of humans. (Nephritis, dialysis and the process of introducing artificial kidney).	Learners will be able to Identify common disorders Uremia ,Renal failureKidney stones Understand basic concepts dialysis and kidney transplant. Students will be able to: Understand the process of countercurrent mechanism. Understand the reason for various diseases related to excretory system
INFORMATICS PRACTICES	SUMMER BREAK	SUMMER BREAK	SUMMER BREAK	for loop and while loop, difference between for and while loop,range() function - Use of	More programs with for loop and while loop Introduction to Jump	-Learners will be able to analyse -the concept of iteration (looping) in programming

				range() function in a loop	statement using break	-Differentiate between for loop and while loop. -Identify situations where each loop is appropriately used.
COMPUTER SCIENCE	SUMMER BREAK	SUMMER BREAK	SUMMER BREAK	Introduction to iterative statements- for loop	Iterative construct types - for loop and while loop.	They will understand the concepts and syntax of using it.To make them realise the usage of loops . This function range() has its syntax with default values.Should make make these points clear and usage of the function
ACCOUNTANCY	SUMMER BREAK	SUMMER BREAK	SUMMER BREAK	Trial Balance Journal, Ledger & Trial Balance Comprehensive sums.	"Goods and Services Tax (GST):Characteristics and Advantages."Goods and Services Tax (GST): Accounting- Journal/Ledger"	- Analyse the nature of Goods & Service Tax. -Describe various components and features of GST. -Gain practical knowledge about the preparation of various accounts.

BUSINESS STUDIES	SUMMER BREAK	SUMMER BREAK	SUMMER BREAK	Public, private and multinational company Merits and Limitations of types	Concepts and Types	Develop an understanding of Public sector and private sector enterprises. Identify and explain the features, merits and limitations of different forms of public sector enterprises. Identify and explain the features, merits and limitations of different forms of public sector enterprises
ECONOMICS	SUMMER BREAK	SUMMER BREAK	SUMMER BREAK	Relationship between income and demand: Normal good and inferior good. Price Elasticity and its degree. Price elasticity of demand -	Relationship between income and demand: (Conti....)	Identify the type of the price elasticity shown in different cases. Represent the shift in the demand curve as income changes. Explain the various types of elasticity of demand Explain the exceptions of Law of demand and Solve the price elasticity numerical;

ENTREPRENEURSHIP	summer break	summer break	summer break	Chp 3: An Entrepreneurial Journey Elements of business plan Understand the reasons for success and failure of business plan Differentiate between the Feasibility and Business Plan	Understand the reasons for success and failure of business plan Differentiate between the Feasibility and Business Plan Writing Notes	Students will be able to: Identify and explain the key elements of a business plan. Analyze the importance of each component of a business plan in guiding entrepreneurial decisions. Understand the factors that contribute to the success of a business plan. Identify common reasons for the failure of a business plan. Evaluate how proper planning, market analysis, and financial planning influence business plan outcomes. Differentiate between a feasibility study and a business plan in terms of purpose and content. Explain how a feasibility study helps in decision-making before preparing a business plan. Develop structured and concise notes on business

						plan concepts and related topics.
MARKETING	SUMMER BREAK	SUMMER BREAK	SUMMER BREAK	7. Goal setting 8. Time Management Writing Notes	SUBJECT SPECIFIC SKILLS - SEGMENTATION, TARGETING & POSITIONING SEGMENTATION 1. Meaning 2. Importance 3. Bases 4. Types TARGETTING 1. Meaning 2. Types	1. Strategies for managing the time 1. Understand the concept of segmentation in marketing 2. Recognize the significance of segmentation in marketing strategy 3. Identify and comprehend the different bases of segmentation 4. Classify segmentation types 5. Define targeting in the context of marketing strategy 6. Differentiate between the various targeting strategies
ENGINEERING GRAPHICS	SUMMER BREAK	SUMMER BREAK	SUMMER BREAK	Inscribing of circles - Inside a hexagon.Introduction to Engineering Curves: Definition and applications of	Inscribing of circles - Inside a pentagon and octagon	Introduces the new topic inscribing and understands how to inscribe circles in other figures

				Ellipse, Parabola, Hyperbola, Involute, Helix, Cycloids and Sine Curve (FOR INTERNAL ASSESSMENT ONLY).		
PSYCHOLOGY	SUMMER BREAK	SUMMER BREAK	SUMMER BREAK	Chp 3:- Human Development Meaning of Development Life-Span Perspective on Development Growth, Development,	Human Development Factors Influencing Development Context of Development	Learners will be able to explain the different phases of development along with various aspects such as Physical, social etc
PHYSICAL EDUCATION	SUMMER BREAK	SUMMER BREAK	SUMMER BREAK	Yoga Meaning and importance of Yoga Introduction to Astanga Yoga Yogic Kriyas (Shat Karma)	Pranayama and its types. Active Lifestyle and stress management through Yoga	students will be able to: •Recognize the concept of yoga and be aware of the importance; of it •Identify the elements of yoga •Identify the Asanas, Pranayama's, meditation, and yogic kriyas •Know about relaxation techniques for improving concentration

PAT	SUMMER BREAK	SUMMER BREAK	SUMMER BREAK	UNIT 2: SELF MANAGEMENT SKILLS 1.1: Stress management 1.2: Self - awareness- strength and weakness Analysis	1.3: Self Motivation 1.4: Self - regulation - Goal Setting 1.5: Self regulation - Time Management.	Develop the skill of self-management by setting goals, managing time effectively, regulating emotions, taking responsibility, making informed decisions, and demonstrating discipline, resilience, and accountability.
				Unit 4: Children Health and Safety : Child Health Care	Safety Management Emergency Response	Ensure child health, manage safety, and respond to emergencies effectively.
SOCIOLOGY	SUMMER BREAK	SUMMER BREAK	SUMMER BREAK	Unit 4: Western Sociologists Introduction	Unit 4: Karl Marx	Understand key thinkers and ideas – Identify major sociologists such as Karl Marx, Emile Durkheim, and Max Weber, and explain their core concepts. Explain major theories – Describe key ideas like class conflict, division of labour, and rationalization, and understand their relevance to society. Differentiate perspectives – Compare

						the approaches of Marx, Durkheim, and Weber in understanding social structure and change. Develop analytical thinking – Critically examine how classical sociological theories help in understanding modern societies.
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	Indian School Wadi Kabir Class: XI ISWK SHARING KNOWLEDGE (Monthly Plan - August 2026)					
	SUBJECTS	Week - 1	Week - 2	Week - 3	Week - 4	Week - 5
						Learning Outcomes

ENGLISH	Snapshots: The Address (prose)	Hornbill: Discovering Tut: the Saga Continues	Hornbill: Discovering Tut: the Saga Continues GRAMMAR: Integrated exercises	Reading Comprehension-Note Making	WRITING: Poster Writing	able to make Notes and Summarize using the right format, layout and language structure. -able to answer local, global and competency based questions based on the literature texts. -Use grammatical structures accurately and appropriately
MATHEMATICS	CH:4 - Statistics Measures of Dispersion, Mean deviation about mean & median.	CH:4 - Statistics Mean deviation about mean & median for continuous frequency distribution, Variance, Standard deviation of a discrete frequency distribution.	CH:5 - Complex Numbers Complex Numbers concept, Algebra of Complex Numbers, Power of i , The square root of a negative real number. The Modulus and the Conjugate of a Complex Number,	CH:5 - Complex Numbers The Modulus and the Conjugate of a Complex Number. Argand plane and polar representations CH:6 - Linear Inequalities Concept of linear inequalities, Algebraic Solutions of Linear Inequalities in One Variable and their Graphical Representation	CH:6 - Linear Inequalities Solutions of Linear Inequalities in One Variable and their Graphical Representation	Students understand the concept of measures of Dispersion, mean deviation about mean & median, mean deviation about mean & median for continuous frequency distribution, Variance, standard deviation. Understands the concept of Complex Numbers Algebra of Complex Numbers, Power of i , The square root of a negative real no. The Modulus and the Conjugate of a Complex Number.

PHYSICS	Law of conservation of linear momentum and its applications. Equilibrium of concurrent forces. Static and kinetic friction, laws of friction, rolling friction, lubrication.	Dynamics of uniform circular motion: Centripetal force, examples of circular motion (vehicle on a level circular road, vehicle on banked road). Exercise and Worksheet	Chapter 5: Work, energy and power: Work done by a constant force and a variable force; kinetic energy, work-energy theorem, power.	Notion of potential energy, potential energy of a spring, conservative forces, non-conservative forces.	Elastic and inelastic collisions in one and two dimensions. Worksheet and exercise questions Chapter-6: System of Particles and Rotational Motion	Learners will be able to analyse different forms of energy Students will be able to recognize ,the various types of collisions
CHEMISTRY	Chapter 4- Chemical Bonding and Molecular Structure Bond Parameters Lewis Structures	Polar Character of Covalent Bonds Covalent Character of Ionic Bonds Valence Bond Theory	Resonance Geometry of Covalent Molecules	VSEPR Theory . Concept of Hybridization	Molecular Orbital Theory Hydrogen bonding	Students will learn about bond length, bond energy, and bond order.
BIOLOGY	Ch 17: Locomotion and Movement- Types of movement, Muscle, Structure of contractile proteins, Skeletal system, Disorders of skeletal system	Ch 18: Neural Control and Coordination - Human neural system, Generation and conduction of nerve impulse, CNS	Ch 18: Neural Control and Coordination. Human neural system, Generation and conduction of nerve impulse, CNS	Ch 19 : Chemical Coordination and Integration- Human endocrine system, various endocrine glands and their functions, mechanism of hormone action.	Ch 19 : Chemical Coordination and Integration- Human endocrine system, various endocrine glands and their functions, mechanism of hormone action.	To understand the mechanism involved in muscle contraction and explain the various parts of the human skeletal system. To understand and study the Neuron and nerves; Nervous system in humans - central nervous system; peripheral nervous. -To study the system and visceral nervous system; generation and

						conduction of nerve impulse.
INFORMATICS PRACTICES	Introduction to List, creation, declaration, traversing a list Aliasing and comparing lists.	Operation on lists concatenation, repetition, membership testing,	Indexing and slicing on list.	Built-in functions using list – len(),list(),append(),insert(), count(),index(),remove(), pop(), reverse(), sort(), min(),max(),sum()	Dictionary: concept of key-value pair, creating, initializing, traversing, updating and deleting elements	Students will be able to understand -List and Dictionary as data structures in Python. -Identify the characteristics of lists (ordered, mutable) and dictionaries (key-value pairs, unordered). -Recognize syntax for creating lists and dictionaries and various builtin functions available
COMPUTER SCIENCE	Types of Iterative constructs – range() function - Use of range() function in a loop Programs with for and while loops	More programs with loops	Nested loops. Programs to make patterns of different types	Types of sequences in Python – Strings, Lists, Tuples and Dictionary - Strings - Introduction	Introduction to strings. Strings: Traversing and compare – string operators - concatenation and replication of strings	They will understand the concepts and syntax of using it.To make them to realise the usage of loops This function range() has its syntax with default values.Should make understand these points clear and usage of the function. Need to brief on different types of sequences.Using examples we can can

						differentiate effectively.Limitation and uses can be made clear
ACCOUNTANCY	Cash Book- "Cash Book: Simple, cash book with bank column and petty cashbook"	Petty Cash Book. Other Subsidiary books Purchase and Sales Book	Purchases return book Sales return book Journal proper"	Posting from subsidiary books	Bank Reconciliation Statement.	-Explain the need for special purpose books. -Describe various special purpose books and their purpose. -Explain the use of cash books. -Describe a cash book and compare it with journals and ledgers. -Analyse different types of column cash books. -Illustrate posting entries in a single-column cash book. -Learn the concept of Double Column Cash Book

						-Illustrate posting entries in double-column cash book. -Describe the features of the petty cash book. -List the expenses to be posted in a petty cash book. Posting from the Petty Cash Book .
BUSINESS STUDIES	Business Services - Understand the meaning and types of business services.	Banking Concept, Types of Banking Services and Accounts	Insurance Concept, Principles and Types Concept, Scope, Benefits and differences	Emerging Modes of Business. Concept, Scope, Benefits and differences Meaning of e-business.	The scope of e-business. Benefits of e-business - Distinguish e-business from traditional business	Meaning of e-business. The scope of e-business. The benefits of e-business Distinguish e-business from traditional business.
ECONOMICS	Introduction: Textual, Tabular Presentation. Bar diagrams and Pie diagrams.	Presentation of data: (contd.) Frequency diagrams, Histogram Ogives, frequency polygon, frequency curve, Time Line Graph	Measure of Central Tendency Mean Weighted mean	Measure of Central Tendency (Conti...) Median	Measure of Central Tendency (Conti...) Mode	Represent the data through various diagrams and graphs Construct bar diagram and histogram. Differentiation between bar and histogram.

						List the importance of a time-line graph and its usage in real-life scenarios. Construct the less than & more than frequency distribution. Understand the need for summarising a set of data by one single number. Develops and understands which type of average would be the most useful in a particular situation. Calculate the mean using different methods for Individual, discrete, and class interval series. Calculate the median using different methods for Individual, discrete, and class interval series.
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						Mode calculations.
ENTREPRENEURSHIP	Unit 4: ENTREPRENEURSHIP AS INNOVATION AND PROBLEM SOLVING Analyze why entrepreneurs are known as problem solvers Innovations Leading to Entrepreneurial Ventures Concept of Social Entrepreneurship	Difference between Entrepreneurship and Social Entrepreneurship Need for Social Entrepreneurship	Role of technology and social media in creating new forms of business Writing Notes	Writing Notes	UNIT V - UNDERSTANDING THE MARKET PART A - CONCEPT OF MARKET Understand the concept of market and its evolution over the time	Students will be able to: Explain why entrepreneurs are considered problem solvers in society and business. Analyze how entrepreneurs identify problems and create innovative solutions. Describe how innovations lead to the development of new entrepreneurial ventures. Understand the concept of social entrepreneurship and its objectives. Differentiate between entrepreneurship and social entrepreneurship. Explain the need and importance of social entrepreneurship in addressing social issues. Evaluate the role of technology in enabling innovation and business creation.

						Assess the impact of social media in promoting, scaling, and transforming modern businesses. Develop structured and well-organized notes on innovation, problem solving, and social entrepreneurship concepts.
MARKETING	TARGETTING 1. Meaning 2. Types	3. Criteria of selecting the Target Markets POSITIONING 1. Meaning and Process	Types of Positioning, Bases of positioning Worksheet Discussion	UNIT 4-FUNDAMENTALS OF MARKETING MIX 1. Definition of Marketing Mix 2. Characteristics of Marketing Mix	3. Developing a Marketing Mix	1. Understand the concept of segmentation in marketing 2. Recognize the significance of segmentation in marketing strategy 3. Identify and comprehend the different bases of segmentation 4. Classify segmentation types 5. Define targeting in the context of marketing strategy 6. Differentiate between the various targeting strategies

						7. Understand the concept and components of the marketing mix. 8. Identify and describe the key attributes of a marketing mix
ENGINEERING GRAPHICS	Unit 3: Orthographic projections of regular solids - Introduction & explanation of four quadrants	Projection of points and lines	Different views of object in orthographic projection	Projection of points and lines in first and third angle method of projection.	Introduction to orthographic projection of Regular solids.	Understands the three dimensional solids - views and namings
PSYCHOLOGY	Developmental Stages with details Prenatal Stage Infancy Childhood	Gender and Sex Roles Challenges of Adolescence	Challenges of Adulthood and Old age	Chp 4. Sensory, Attentional and Perceptual Process Sensation- 5 senses Theories of Selective Attention ADHD Perceptual process	Attentional Process - Theories- Filter, Filter Attenuation	Understand key concepts of Development Learners will be able to:- *Describe Sensory, Attentional and Perceptual Processes
PHYSICAL	Unit-4 Physical Education and	Disability Etiquette. Aim and objectives of	Unit 5: Physical Fitness, Wellness, and	Components/Dimensions of Wellness,		Students will be able to:

EDUCATION	Sports for Children with Special Needs. Concept of Disability and Disorder. Types of Disability, its causes & nature (Intellectual disability, Physical disability).	Adaptive physical Education. Role of various professionals for children with special needs (Counselor, Occupational Therapist, Physiotherapist, Physical Education Teacher, Speech Therapist, and Special Educator)	Lifestyle. Meaning & importance of Wellness, Health, and Physical Fitness.	Health, and Physical Fitness Traditional Sports & Regional Games for promoting wellness.	Leadership through Physical Activity and Sports. Introduction to First Aid – PRICE	•Identify the concept of Disability and Disorder. •Outline types of disability and describe their causes and nature. •Adhere to and respect children with special needs by following etiquettes. •Relate various types of professional support for children with special needs along with their roles and responsibilities. •Explain wellness and its importance and define the components of wellness. •Distinguish between skill- related and health-related components of physical fitness. •Illustrate traditional sports and regional games to promote wellness. •Relate leadership through physical activity and sports •Illustrate the different steps used in first aid - PRICE.
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PAT	Unit 3 ICT - INFORMATION AND COMMUNICATION TECHNOLOGY SKILLS.	1. 1: Basic computer Operation 1.2: Performing Basic File Operation	1.3: Computer care and Maintenance	1.4: Computer security and Privacy.	PRACTICALS: KHELO INDIA FITNESS TEST: Fitness factors: Speed, Strength, Coordination, Endurance, Agility, Flexibility, BMI	Develop Information and Communication Technology (ICT) skills by using digital tools safely, accessing and managing information, creating content, communicating effectively, and solving problems responsibly.
SOCIOLOGY	Unit 4: Durkheim	Unit 4: Max Weber	Unit 5: Culture and Socialization Introduction to Culture, definition and dimensions	Unit 5: Socialization & its agencies	Unit 5: Agencies of Socialization (Family, Peer group, School and Mass Media)	Understand key concepts – Define culture, subculture, and socialization, and explain their role in shaping human behavior. Explain socialization process – Describe how individuals learn norms, values, roles, and behaviors through family, peers, education, and media. Differentiate types of culture – Distinguish between material and non-material culture, and between dominant and subcultures. Analyze the impact of culture – Examine how culture influences social

						identity, beliefs, and everyday interactions. Apply sociological perspective – Use examples from everyday life to illustrate how socialization and cultural practices shape individual and group behavior.
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Indian School Wadi Kabir

Class: XI

**ISWK SHARING KNOWLEDGE
(Monthly Plan - September 2026)**

SUBJECTS	Week - 1	Week - 2	Week - 3	Week - 4	Week - 5	Learning Outcomes
ENGLISH	Hornbill: The Laburnum Top (Poem)	Hornbill: The Laburnum Top (Poem)	ASSESSMENT- 1	ASSESSMENT - 1	ASSESSMENT- 1	-to perceive the overall meaning and organisation of the text To specifically develop the ability to be original and creative in interpreting opinion, develop the ability to be logically persuasive in defending one's opinion and making notes based on a text and write answers.
MATHEMATICS	CH:7 - Permutations and Combinations Fundamental Principle of Counting. Permutations Permutations when all the	CH:7 - Permutations and Combinations Practice problems on permutation. Combinations, Practice problems on Combinations. Revision for AS 1	ASSESSMENT- 1	ASSESSMENT- 1	ASSESSMENT- 1	Students understand the fundamental principle of counting. permutations permutations when all the objects are not distinct. Understand the concept Fundamental Principle of Counting. Permutations,Permutatio ns when all the objects

	objects are not distinct	
PHYSICS	Centre of mass of a two-particle system, momentum conservation and Centre of mass motion. Centre of mass of a rigid body; centre of mass of a uniform rod Moment of a force, torque, angular momentum, law of conservation of angular momentum and its , rigid body rotation and equations of rotational motion, comparison of linear and rotational motions. Moment of applications. Equilibrium of rigid bodies,	. Revision for AS 1

ASSESSMENT- 1

ASSESSMENT- 1

ASSESSMENT- 1

are not distinct, combinations
Learners will be able to analyse centre of mass and moment of force

Chemistry	Chapter -7-Redox Reactions Understanding Oxidation Numbers Identifying Redox Reactions Balancing	Revision	ASSESSMENT- 1	ASSESSMENT- 1	ASSESSMENT- 1	Students will learn to assign oxidation numbers to elements in compounds. Students will identify redox reactions and distinguish them from non-redox reactions. Students will learn the steps to balance redox reactions using the halfreaction method
BIOLOGY	Chapter 2 : Structural Organization in Animals- Frog structure and anatomy	Revision	ASSESSMENT- 1	ASSESSMENT- 1	ASSESSMENT- 1	To recap the knowledge on different types of tissues in animals. To study the different morphology and anatomy of different systems(digestive, respiratory, circulatory and nervous of frog.
INFORMATICS PRACTICES	dictionary methods and built-in functions – dict(), len(), keys(), values(), items(), update(), del(), clear().	Revision for Assessment 1	ASSESSMENT I	ASSESSMENT I	ASSESSMENT I	Learners will be able to -Understand builtin methods in dictionary -Compare and justify the use of lists vs dictionaries in different scenarios. -Analyze given programs and predict outputs.

	Comparison between list and dictionary					
COMPUTER SCIENCE	Strings: String Methods – String slices - Writing programs using strings	Revision for Assessment 1	ASSESSMENT I	ASSESSMENT I	ASSESSMENT I	To know the syntax and implementation of different operations using operators of strings.What is string and why string? Different operations on strings like slicing,use of these in programs.To make it more clear on the string operations
ACCOUNTANCY	Bank Reconciliation Statement	Revision for Assessment 1	ASSESSMENT I	ASSESSMENT I	ASSESSMENT I	-Explain the steps to prepare and create a proforma of bank reconciliation statements. - Analyses events that cause disparity between cash and passbook balance. - Prepare a bank reconciliation statement when a favourable/unfavourabl

						e bank balance as per the cash book/overdraft exists. - Revise and recall the concepts learned and practice various sums as part of revision.
BUSINESS STUDIES	Social Responsibility of Business and Business Ethics Case of social responsibility towards owners, investors, consumers, employees, government and community	Role of business in environment protection Business Ethics - Concept and Elements	ASSESSMENT-1	ASSESSMENT - 1	ASSESSMENT- 1	The concept of social responsibility. Examine the case for social responsibility. Identify the social responsibility towards different interest groups. Appreciate the role of business in environment protection. The concept of business ethics. The elements of business ethics.
ECONOMICS	Measure of Central Tendency (Contd.) Mode	Grouping method- Mode -numericals solving	ASSESSMENT-1	ASSESSMENT - 1	ASSESSMENT- 1	Calculate the mode using grouping and formula methods for Individual, discrete, and class interval series.

ENTREPRENEURSHIP	Understand the meaning and concept E-Business and E-Commerce. Its role in the modern day business community Writing Notes	Revision	ASSESSMENT-1	ASSESSMENT-1	ASSESSMENT-1	Students will revise and prepare for examinations
MARKETING	Worksheet Discussion and Revision	Revision	ASSESSMENT-1	ASSESSMENT-1	ASSESSMENT-1	Discuss the competency based questions related to Marketing mix
ENGINEERING GRAPHICS	Solids with axis perpendicular to HP	Solids with axis at right angles to VP & solids parallel to both HP and VP.	ASSESSMENT1	ASSESSMENT 1	ASSESSMENT 1	Recognises the two different planes and draw the views of objects
PSYCHOLOGY	Socio –Cultural influences on Perception Monocular & Binocular Cues,	Perceptual Constancies Illusions	Assessment 1	Assessment 1	Assessment 1	Learners will be able to:- *Describe Sensory, Attentional and Perceptual Processes * Elaborate Monocular & Binocular Cues,

						*Give examples of Perceptual Constancies
PHYSICAL EDUCATION	Unit 6:Test, Measurement & Evaluation Define Test, Measurements and Evaluation. Importance of Test, Measurements and Evaluation in Sports.	Calculation of BMI, Waist – Hip Ratio, Skin fold measurement (3-site) Somato Types (EndomorphyMesomorphy & Ectomorphy. Measurements of health-related fitness	ASSESSMENT1	ASSESSMENT1	ASSESSMENT1	Students will be able to: •Define the terms test, measurement, and evaluation, •Differentiate norm and criterion referenced standards, •Differentiate formative and summative evaluation, •Discuss the importance of measurement and evaluation processes, •Understand BMI: A popular clinical standard and its computation •Differentiate between Endomorphy, Mesomorphy & Ectomorphy h describe the procedure of Anthropometric Measurement

PAT	PROPS & EQUIPMENTS Assessment Tools Equipment selection	Field Inspection Field maintenance REVISION	ASSESSMENT 1	ASSESSMENT 1	ASSESSMENT 1	Preparing the child for objective and subjective type of answer
SOCIOLOGY	Revision of Chapters 1 to 5	Revision of Chapters 1 to 5	ASSESSMENT1	ASSESSMENT1	ASSESSMENT1	Students become confident through the revision process and competent to answer all types of questions in the Assessment 1 exam,



Indian School Wadi Kabir

Class: XI

**ISWK SHARING KNOWLEDGE
(Monthly Plan - October 2026)**

SUBJECTS	Week - 1	Week - 2	Week - 3	Week - 4	Week - 5	Learning Outcomes
ENGLISH		Hornbill: The Voice of the Rain (Poem)	WRITING: Debate Writing GRAMMAR: Clauses	Hornbill: The Adventure(Prose)	Hornbill: The Adventure(Prose)	-to appreciate and analyse special features of languages that differentiate literary texts from non-literary ones, explore and evaluate features of character, plot, setting, etc. -to express opinions, facts, arguments in the form of speech or debates, using a variety of accurate sentence structures -write answers according to the requirements of various subjects.
MATHEMATICS		CH:8 - Binomial Theorem Binomial theorem for any positive integer n ,	CH:8 - Binomial Theorem General & Middle terms	CH:9 - Sequences and Series To recognize the concepts related to Arithmetic progression.	CH:9 - Sequences and Series Relationship Between A.M. and G.M	Understands the concept Binomial theorem for any positive integer n , Observations and some special cases of Binomial expansion. Understand the General & Middle

		Observations and some special cases of Binomial expansion	Practice problems based on Binomial theorem	Problems based on AP Geometric Progression (G.P.)	To Practice problems based on GP More practice question on AP & GP	terms concept Practice problems based on Binomial theorem. Learners recognize the concepts related to Arithmetic progression.
PHYSICS		Acceleration due to gravity and its variation with altitude and depth. Gravitational potential energy and gravitational potential Escape speed, orbital velocity of a satellite.	Chapter–8: Mechanical properties of solids: Elasticity, Stress-strain relationship, Hooke's law, Young's modulus, bulk modulus, shear modulus of rigidity, Poisson's ratio; elastic energy.	Viscosity, Stokes' law, terminal velocity, streamline and turbulent flow, critical velocity Bernoulli's theorem and its simple applications	Applications of surface tension ideas to drops, bubbles and capillary rise. Chapter 10: Thermal properties of matter: Heat, temperature, thermal expansion. Thermal expansion of solids, liquids and gases.	Learners will be able to analyse stress, strain Students will be able to recognize ,the various types of modulus of elasticity

Chemistry		Chapter 8-Organic Chemistry - Some Basic Principles and Techniques Classification of Organic Compounds	IUPAC Nomenclature Electronic Displacements in Covalent Bonds Resonance and Hyperconjugation	Homolytic and Heterolytic Fission Free Radicals and Carbocations Carbanions and Their Reactions	Electrophiles and Nucleophiles Methods of Purification Qualitative and Quantitative Analysis	Students will explore the applications of redox reactions in realworld scenarios. Classify organic compounds based on structure and functional groups. Learn the rules for naming organic compounds according to IUPAC. Understand electronic displacements and their effects.
BIOLOGY	Chapter 6 : Anatomy of flowering plants- The tissue system, Anatomy of dicots and monocots	Chapter 5. Morphology Of Flowering plants- The root, The stem, The leaf,	Chapter 5. Morphology Of Flowering plants- The inflorescence, parts of a flower,	Chapter 5. Morphology Of Flowering plants Chapter 1 : Living World	Chapter 2: Biological Classification	To learn and understand the anatomy of dicot and monocot plants. To Introduce and observe the different parts of flowering plants and study their features in pollination.To learn about the modification of root, stem and leaves. Understand different theories on classification.Three domains of life, Binomial Nomenclature, Classification To introduce the learners to

						various different classes of plant kingdom and their salient features. Understand the concepts and contributions in classification of plants and animals.
INFORMATICS PRACTICES	Database Concepts: Introduction to database concepts and its need, Database Management System.	Relational data model: Concept of domain, tuple, relation, candidate key, primary key, alternate key	Introduction to MySQL, creating a database using MySQL, Data Types	Advantages of using Structured Query Language, Data Definition Language, Data Query Language and Data Manipulation Language	DDL COMMANDS- CREATE DATABASE, USE DATABASE, CREATE TABLE , DATA TYPES IN SQL	Students will learn the concept of a database. Why a database What is Database management system and its applications. Students will learn how to create a table, insert records into it and use select statement to retrieve the records Students will learn how to create a table, insert records into it and use select statement to retrieve the records.
COMPUTER SCIENCE	Lists - Introduction	Lists – Introduction – Operators using Lists – List Methods	Lists Functions – Programs using Lists – Tuples – Introduction – Comparison between List and Tuples	Tuples - Operators - Built in functions - tuple assignment	Dictionary	Different operations on lists like slicing, methods use of these in programs.To make it more clear on the List operations . To understand the difference between lists and

						tuples.Comparision between them . To know what is tuple and its properties..
ACCOUNTANCY	ASSESSMENT I	Bank Reconciliation Statement	Depreciation - Depreciation: Meaning, Features, Need, Causes, factors, Other similar terms: Depletion and Amortisation, Methods of Depreciation.	Preparation of Asset Account and Provision for depreciation Account	Provisions & Reserves Meaning, Difference and types	- Reconcile cash book and passbook balance by preparing bank reconciliation statements in case of bank overdraft. - Analyse the need for taking depreciation into consideration with respect to the principles of accounting. - Depreciation and Depreciation Assets. -Explain the treatment of depreciation in the books of accounts and justify why fixed assets are known as depreciable assets. - Articulate the role of depreciation in the preparation of financial statements and describe the factors influencing

						depreciable assets. -Analyses the features of depreciable assets and the factors that determine the expected useful life of an asset. -Describe the straight line and written down methods to calculate depreciation. -Articulate various methods of recording depreciation. -Explain and practice ‘charging depreciation to asset account’, ‘creating provision for depreciation account/accumulated depreciation account’, disposal of asset account’ and the accounting treatment of addition or extension to the existing assets. -Differentiate between provision and reserve on the basis of purpose,
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						presentation, effect on taxable profit, element of compulsion, and payment of dividend.
BUSINESS STUDIES	ASSESSMENT-1	Sources of Business Finance	Owners' funds- equity shares, preferences share, retained earnings	Borrowed funds: debentures and bonds, loan from financial institution and commercial banks.	public deposits, trade credit, Inter Corporate Deposits (ICD)	The meaning, nature and importance of business finance. The various sources of funds into owners' funds. The meaning of owners' funds. The meaning of borrowed funds. The concept of debentures, bonds, loans from financial institutions and commercial banks, Trade credit and inter corporate deposits. Distinguish between owners' funds and borrowed funds
ECONOMICS	ASSESSMENT-1	Producer Behaviour and Supply: Meaning, Short run and Long run. TP, AP and MP, Returns to a factor.	Producer Behaviour and Supply (Contd.) Cost: TC, TFC, TVC, AC, AFC, AVC & MC -Meaning and their relationship	Producer Behaviour and Supply (Contd.) Revenue: TR and MR- Meaning and relationship Supply: meaning, slope.	Producer Behaviour and Supply (Contd.) Measurement of PES	Distinguishes between short run and long run Analyse how important is the concept of cost in the production process.

						Explain the revenue concept. Show the revenue curve and analyse the profit concepts. State the meaning of supply. Learns about movements. State the importance of PES, solve numericals...
ENTREPRENEURSHIP	ASSESSMENT-1	Part B - ANALYZING THE ENVIRONMENT Part C - MARKET RESEARCH Analyze the Market Environment at Micro and Macro Level Understand the concept of Market research Evaluate the market research process	Understand the steps involved in Market survey Elicit the importance of Market survey Understand the concept of Marketing Mix	Detailed explanation for Product Price Place Promotion	Writing Notes	Students will be able to: ● Explain the concept and importance of market research in entrepreneurship. ● Evaluate the steps involved in the market research process. ● Describe the steps involved in conducting a market survey. ● Understand and explain the importance of

						market surveys in decision-making. ● Define and explain the concept of the marketing mix. ● Identify and explain the components of the marketing mix.
MARKETING	ASSESSMENT-1	4. Importance of Marketing Mix 5. Types of Marketing Mix 6. 4C'S of Marketing Mix 7.P's of Service Marketing Mix	Worksheet Discussions EMPLOYABILITY SKILLS - ENTREPRENEURSHIP SKILLS 1. Introduction to Entrepreneurship 2. Types of Business Activities	EMPLOYABILITY SKILLS - ENTREPRENEURSHIP SKILLS 3. Values & Attitudes of an Entrepreneur 4. Problem Solving	5. Business Idea 6. Customer Needs 7. Knowing competitors 8. Business Plan	4. Recognize the significance of the marketing mix in strategic marketing planning. 5. Differentiate between various types or models of marketing mix. 6. Understand the customer-centric approach in marketing strategy. 7. Define the concept of entrepreneurship 8. Understand the values and attitudes required to be an entrepreneur 9. Discuss the problem solving techniques

ENGINEERING GRAPHICS	ASSESSMENT 1	Unit 4: Sectional Projection of Regular Solids - Sectional Projection of vertical solids	Sectional projections of solids with axis at right angles to V.P.	Sections of solids with axis parallel to both HP and VP	Sections of solids under all the three conditions (vertical, horizontal and oblique sections)	Understands about the new chapter and identifies the different sectional views of an object
PSYCHOLOGY	Chp 5- Learning Introduction Definition, Nature	Conditioning- Classical and Instrumental Determinants Learning Types Cognitive Skill ; Verbal Learning - Paired associate, Serial	Learning Principles Reinforcement, Aversive Therapy, Systematic Desensitisation	Chp 6:-Human Memory Introduction Nature of memory Information Processing Approach: The Stage Model Memory Systems: Sensory, Short Term and Long Term Memory Chunking	Levels of Processing Types of Long-term Memory Long term Memory Classification Mnemonics Of Imagery/Organizat ion	Learners will be able to;- Elaborate on Nature and process of learning *Describe Conditioning and types with determinants Recall # Human memory with various models and theories of Forgetting: *Understand the nature of memory Distinguish between different types of memory *Appreciate the constructive and reconstructive processes in memory Understand the nature and causes of forgetting

						Learn the strategies for improving memory
PHYSICAL EDUCATION	Unit-7. Fundamentals of Anatomy, Physiology in Sports. Definition and importance of Anatomy and Physiology in Exercise and Sports.	Functions of Skeletal System, Classification of Bones, and Types of Joints.	Properties and Functions of Muscles.	Structure and Functions of Circulatory System and Heart.	Structure and Functions of Respiratory System.	Students will be able to: •Identify the importance of anatomy and physiology. •Recognize the functions of the skeleton. •Understand the functions of bones and identify various types of joints. •Figure out the properties and functions of muscles and understand how they work. •Understand the anatomy of the respiratory system and describe it's working. •Identify and analyses the layout and functions of Circulatory System.
PAT	UNIT 3: HYGIENE AND SAFETY 1 Identity steps required maintenance	2. Demonstrate the knowledge of using First-Aid practices 3. Identify sports injuries and its rehabilitation	UNIT 4: SPORTS AND FITNESS	1 . Describe the criteria for selecting yearly sports activities	2. Identify resource required for organizin	Hygiene and Safety (10 words): Practice hygiene, follow

	of hygiene in play area	processes			g sports competition 3.Importance of fitness	safety rules, and maintain personal health daily. Sports and Fitness (10 words): Develop fitness, teamwork, discipline, and healthy habits through sports participation.
SOCIOLOGY	Assessment 1	Unit 6: Social Change-concept, types with examples	Unit 6: Types of Social Change and sources of change	Unit 6: Social Order-related concepts	Unit 6: Contestation, Crime & Violence in the context of Social Order	Define and Explain Social Change – Students will be able to define social change and describe its nature, forms, and patterns in society. Identify Factors of Change – Students will be able to analyze the economic, technological, cultural, and political factors that contribute to social change. Understand Theories of Social Change – Students will be able to explain classical and

						contemporary sociological theories related to social change. Assess Impacts of Change – Students will be able to evaluate the consequences of social change on individuals, groups, and social institutions.
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	Indian School Wadi Kabir Class: XI ISWK SHARING KNOWLEDGE (Monthly Plan - November 2026)					
SUBJECTS	Week - 1	Week - 2	Week - 3	Week - 4	Week - 5	Learning Outcomes
ENGLISH	Snapshots: Mother’s Day (Play)	Snapshots: Mother’s Day (Play)	Hornbill: Silk Road	Hornbill: Silk Road	GRAMMAR: Transformation of sentences	-to extrapolating about the story read or life of characters after the story ends defending characters’ actions in the story - to interpret texts in different ways. -write answers according to the requirements of various subjects.

MATHEMATICS	CH:10 - Straight lines To Introduce, Slope of a Line Angle between two lines, To understand various Forms of the Equation of a Line.	CH:10 - Straight lines To Practice problems on straight lines. To understand General equation of a line Distance of a point from a line More practice questions in a straight line.	CH;11 - Conics Sections of a Cone, Circle To solve Problems on circle	CH:11 - Conics Parabola. Problems on Parabola Ellipse Problems on Ellipse. Hyperbola Problems on Hyperbola ASSESSMENT-2	ASSESSMENT-2	Understands Slope of a Line concept, angle between two lines, To understand various Forms of the Equation of a Line. Practice problems on straight lines. Understands General equation of a line. Distance of a point from a line.
PHYSICS	Heat, temperature, thermal expansion Thermal expansion of solids, liquids and gases, anomalous expansion of water. specific heat capacity; C_p, C_v - calorimetry; change of state - latent heat capacity	Heat transfer-conduction, convection and radiation, thermal conductivity. Qualitative ideas of Blackbody radiation, Wein's displacement Law, Stefan's law,	Chapter 11: Thermodynamics: Thermal equilibrium and definition of temperature, zeroth law of thermodynamics, heat, work and internal energy	.ASSESSMENT-2	ASSESSMENT-2	Students will be able to recognize ,different types of specific heat capacity Students understand the thermodynamics laws

Chemistry	Chapter 9- Hydrocarbons Introduction to Hydrocarbons Aliphatic Hydrocarbons - Alkanes Nomenclature Isomerism in Alkanes	Hydrocarbons- Conformation of Alkanes (Ethane) Physical Properties of Alkanes Chemical Reactions of Alkanes	Chapter 10- Hydrocarbons Alkenes Nomenclature and Structure Geometrical Isomerism in Alkenes Chemical Reactions of Alkenes Revision	ASSESSMENT-2	ASSESSMENT-2	Students will understand the concept of conformation in alkanes, focusing on ethane. Students will learn about the physical properties of alkanes.
BIOLOGY	Unit 1: Chapter 3 Plant kingdom- Algae, Bryophyta, Pteridophytes, Gymnosperms, Angiosperms.	Chapter 4 : Animal Kingdom- Basis of classification, Classification of animals and various phylums(Porifera , Coelentrata,Platyhe lminthes, Aschelminthes, Annelida, Arthropoda, Mollusca, Echinodermata)	Chapter 4 : Animal Kingdom- Phylum Chordata	Revision	ASSESSMENT 2	To study and impart knowledge on different features of Bryophyta, Pteridophyta, Algae, Gymnosperms. To introduce and understand the different features and classes of animal kingdom
INFORMATICS PRACTICES	More on SQL Clauses - Between – IN – LIKE - ORDER BY	Data Definition: DROP, ALTER	Data Query: SELECT, FROM, WHERE with relational operators, BETWEEN, logical operators, IS NULL, IS NOT NULL	Data Manipulation: INSERT, DELETE,UPDATE	REVISION FOR ASSESSMENT II	To write queries using different clauses like between , in, like. To sort the records using order by clause

						Students will be able to create table, insert records and do all DDL and DML commands
COMPUTER SCIENCE	Dictionary – Writing programs using Dictionary	Programs on Nested Loop	Introduction to Python modules: Importing math (sqrt, cell, floor, pow, fabs, sin, cos, tan.	importing random (random, randint, randrange), statistics (mean, median, mode) modules.	REVISION FOR ASSESSMENT II	To write the programs on using Dictionary and know their operations and when to use them in the program. To know the different modules and math functions and use them in coding. There are many built in functions/methods to be learned. To know the different functions like random (), randint() and randrange() and math functions and use them in coding. There are many built in functions/methods to be learned.
ACCOUNTANCY	Rectification of Errors Errors: classification.	Detection and rectification of errors Rectification entries	Financial statements of Sole Proprietor	Trading and Profit and Loss Account: Gross Profit, Operating profit and Net profit.	REVISION FOR ASSESSMENT II	-Illustrate common errors made in preparing trial balance by giving examples.

		Suspense Account	Meaning, objectives and importance; Revenue and Capital Receipts; Revenue and Capital Expenditure.	Preparation. Balance Sheet: Preparation of Trading, Profit/loss A/c and Balance Sheet with Adjustments. REVISION FOR ASSESSMENT II		- Elaborate on different types of errors on the basis of their nature. -Define and illustrate errors of commission, omission, principle, and compensation. -Analyse the errors that affect and do not affect the trial balance. -Explain the steps to detect and locate the types of errors in the books of accounts. - Locate errors and rectify them in case of disagreement of trial balance. - Illustrate two-sided errors by providing examples. -Articulate the process of rectifying errors in the trial balance by reversing the wrong entry. -Rectify errors in the trial balance by cancelling the effect of
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						wrong debit or credit by reversing it. -Locate errors and rectify them in case of disagreement of trial balance. -Analyse and evaluate accounting data for the preparation of final accounts. -Calculate gross profit, operating profit and net profit of a business entity -Ascertain gross/net profit/loss of the firm and records it in the respective books of accounts. -Records net profit/net loss in the balance sheet by transferring it to the capital account and calculates gross profit/loss and net profit/loss by preparing trading and profit and loss accounts.
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BUSINESS STUDIES	Small Business and Entrepreneurial development Entrepreneurship Development (ED): Concept, Characteristics and Need. Process of Entrepreneurship Development: Start-up India Scheme, ways to fund start-up. Intellectual Property Rights and Entrepreneurship	Small scale enterprise as defined by MSMED Act 2006 (Micro, Small and Medium Enterprise Development Act) Role of small business in India with special reference to rural areas	Schemes of NSIC and DIC Scanning the environment.	Government schemes and agencies for small scale industries: National Small Industries Corporation (NSIC)	District Industrial Centre (DIC) with special reference to rural, backward areas	Understand the concept of Entrepreneurship Development (ED), Intellectual Property Rights. Understand the meaning of small business. Discuss the role of small business in India. Appreciate the various Government schemes and agencies for development of small scale industries. NSIC and DIC with special reference to rural, backward area.
ECONOMICS	Producer Behaviour and Supply (Contd.) Increase and decrease in supply, contraction and expansion of supply.	Correlation Techniques For Measuring Correlation; Scatter Diagram	Correlation (Contd.) Karl Pearson's Coefficient of Correlation Spearman's Rank Coefficient Technique	Forms of Market - Perfect Competition Features and implications	Market Equilibrium under Perfect Competition and shifts	Graphically distinguishes between contraction and expansion. Show the shifts of the supply curve in the form of a diagram. Analyse and interpret data related to various issues/events related to Indian economy

						Explains the methods of measuring correlation Calculates the correlation between variables using the Karl Pearson's coefficient of correlation. Analyse the usage of Spearman's rank correlation to measure the relationship between variables. "Explain the working of market mechanisms in the economy. Describe the perfect competitive market and its features. Explain what price behaviour." Evaluate the equilibrium of a perfectly competitive market using a demand-supply
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						curve. Numerically explains equilibrium for a perfectly competitive market with a fixed number of firms. Illustrates the impact of a shift in demand and supply curve."
ENTREPRENEURSHIP	UNIT - VI BUSINESS FINANCE AND ARITHMETICS Understand the concept of Unit sale, Unit cost, Unit Price, Gross Profit Understand the concept of Cost, Expenditure and Expense Types of Cost Startup Cost	Calculation of Fixed Cost and Variable cost Understanding the concept of BEP	Calculation of BEP for a single product	Calculation of BEP for a single product	writing notes	Students will be able to: Define and understand the concepts of unit sale, unit cost, unit price, and gross profit. Calculate and interpret unit sale, unit cost, unit price, and gross profit in business scenarios. Explain the concepts of cost, expenditure, and expense and distinguish between them. Identify and classify different types of costs in a business. Understand the concept of startup cost and its components in a new business.

						Calculate fixed costs and variable costs in a given business context. Explain the concept of Break-Even Point (BEP) and its importance in business decision-making. Calculate the Break-Even Point (BEP) for a single product using appropriate formulas. Analyze and interpret BEP results to assess business viability.
MARKETING	SUBJECT SPECIFIC SKILLS - CONSUMER BEHAVIOUR 1. Meaning 2. Constituents of Consumer Behaviour 3. Importance 4. Factors affecting consumer behaviour 5. Buying Roles 6. Consumer Decision Process	Notes and Worksheet Discussions	EMPLOYABILITY SKILLS - GREEN SKILLS 1. Meaning 2. Important sectors 3. Policies 4. Stakeholders 5. Role of government and private agencies	EMPLOYABILITY SKILLS - ICT SKILLS2. Basic interface LiBreoffice Writer 3. Saving, Closing, opening and printing document 4. Formatting text in a Word document 5. Checking Spelling and grammar 6. Inserting Lists, tables, pictures, and Shapes	5. Checking Spelling and grammar 6. Inserting Lists, tables, pictures, and Shapes 7. header, footer and page number	1. Define the concept of consumer behavior in marketing. 2. Identify the components shaping consumer decision-making processes. 3. Recognize the significance of understanding consumer behavior in marketing. 4. Analyze the influences impacting consumer purchasing decisions.

				7. header, footer and page number		5. Understand the buying roles of a consumer 6. Explain the consumer decision process
ENGINEERING GRAPHICS	Unit 5:Orthographic projection of simple machine blocks - Introduction & explanation of placing different views as per first angle method	Views of Machine block 1 to 5	Views of Machine block 6 to 10.	Views of Machine block 11 to 15.	ASSESSMENT 2	Identifies the front side and top views of a machine block and illustrate the same in the drawing sheet
PSYCHOLOGY	Chp 8- Thinking Introduction, Mental processes- Problem solving,	Reasoning- Inductive, Deductive Decision Making	Creativity- Process, Barriers in Creativity	Revision for Asst 2 exams	Assessment 2	Learners will Be able to Difeerentiate between various Cognitive processes. # Enlist real life examples related to each
PHYSICAL EDUCATION	Unit 8: Fundamentals Of Kinesiology And Biomechanics in	Types of Body Movements - Flexion, Extension, Abduction, Adduction, Rotation,	Unit 9: Psychology and Sports. Definition & Importance of Psychology in Physical Education &	Adolescent Problems & their Management; Team Cohesion and Sports;	Introduction to Psychological Attributes: Attention,	Students will be able to: •Understand Kinesiology and Biomechanics with their application in sports

	Sports. Definition and Importance of Kinesiology and Biomechanics in Sports. Principles of Biomechanics. Kinetics and Kinematics in Sports	Circumduction, Supination & Pronation. Axis and Planes – Concept and its application in body movements	Sports; Developmental Characteristics at Different Stages of Development.		Resilience, Mental Toughness	•Explain biomechanical principles and their utilization in sports and physical education. •Illustrate fundamental body movements and their basic patterns. •Learn about the Axis and Planes and their application with body movements. •Identify the role of Psychology in Physical Education and Sports •Differentiate characteristics of growth and development at different stages. •Explain the issues related to adolescent behavior and Team Cohesion in Sports •Correlate the psychological concepts with the sports and athlete specific situations
PAT	Unit 4 – Entrepreneurial Skills Entrepreneurship and Society	-Myths about Entrepreneurship -Entrepreneurship as Career	KHELO INDIA FITNESS TEST	PORTFOLIO & GAME PROFILE	Revision for Asst 2	Understand entrepreneurship, its societal role, qualities, functions, career

	-Qualities & Functions of Entrepreneur					opportunities, and myths for practical application
SOCIOLOGY	Unit 6: Social Change and Social order in Rural Areas	Unit 6: Social change and Social order in Urban areas	Unit 6: Completion with discussion of QB and competency based questions	Revision for Asst 2 exams	Assessment 2	Understand Patterns of Social Change – Students will be able to explain how rural and urban societies in India undergo social change over time. Identify Factors Influencing Change – Students will be able to analyze the economic, political, technological, and cultural factors that bring about changes in social structures. Examine Social Order – Students will be able to describe the mechanisms that maintain social order and cohesion in rural and urban contexts. Compare Rural and Urban Societies – Students will be able to differentiate between rural and urban social systems and assess how change affects these settings differently.



Class: XI

Indian School Wadi Kabir

ISWK SHARING KNOWLEDGE

(Monthly Plan - December 2026)

SUBJECTS	Week - 1	Week - 2	Week - 3	Week - 4	Week - 5	Learning Outcomes
ENGLISH	Reading Comprehension- unseen passage	Reading Comprehension- case-based passage	GRAMMAR: Transformation of sentences and Phrases and clauses.			Enabling students to identify, differentiate, and construct them to improve sentence structure and enabling students to identify, differentiate, and construct them to improve sentence structure.
MATHEMATICS	CH:11 - Conics Hyperbola Problems on Hyperbola	CH:12 - Three - Dimensional Geometry To introduce coordinate Axes and coordinate Planes in three dimensional space, coordinates of a point in space. distance between two points.	CH:12 - Three - Dimensional Geometry To Solve Problems based on distance formula.	WINTER BREAK	WINTER BREAK	Understands Coordinate Axes and Coordinate Planes in Three Dimensional Space. Learners recognize coordinates of a point in space. Learners learn to solve problems based on distance formula.

PHYSICS	ASSESSMENT II	ASSESSMENT II	conditions of gaseous state, isothermal, adiabatic, reversible, irreversible and cyclic process	WINTER BREAK	WINTER BREAK	Students will understand the concept of expansions
Chemistry	ASSESSMENT II	ASSESSMENT II	Introduction to Alkynes Chemical Reactions of Alkynes Aromatic Hydrocarbons	WINTER BREAK	WINTER BREAK	Learn the nomenclature and structure of alkynes. Investigate chemical reactions of alkynes.
BIOLOGY	ASSESSMENT II	ASSESSMENT II	Chapter 13 : Plant Growth and Development- Growth, Differentiation, Dedifferentiation, Redifferentiation, Development	WINTER BREAK	WINTER BREAK	-To understand the importance of plant growth regulators, understand the definition of photoperiodism and vernalisation. -To study the phase of plant growth and growth rate.
INFORMATICS PRACTICES	ASSESSMENT II	ASSESSMENT I				
COMPUTER SCIENCE	ASSESSMENT II	ASSESSMENT I				

ACCOUNTANCY	ASSESSMENT II	ASSESSMENT I	ASSESSMENT II and Preparation of Trading, Profit/loss A/c and Balance Sheet with Adjustment. FINAL PROJECT GUIDELINES	WINTER BREAK	WINTER BREAK	- Make adjustments for closing stock, prepaid expenses, outstanding expenses, accrued income, income received in advance, bad debts, depreciation etc. - Examine the project guidelines and generate a background for the final preparation of the same.
BUSINESS STUDIES	REVISION ASSESSEMENT -2	EXAMINATION	DISCUSSION OF PROJECT WORK	HOLIDAYS		
ECONOMICS	REVISION ASSESSEMENT -2	EXAMINATION	DISCUSSION OF PROJECT WORK	HOLIDAYS		
ENTREPRENEURSHIP			Discussing Project Work	Holidays		

			UNIT - VII RESOURCE MOBILIZATION Understand the concept of resource mobilization Understand the type of resources - Physical Resources			
MARKETING	ASSESSMENT 2	ASSESSMENT 2	DISCUSSION OF PROJECT GUIDELINES	WINTER BREAK	WINTER BREAK	
ENGINEERING GRAPHICS	ASSESSMENT 2	ASSESSMENT 2	views of machine block 16 to 20	WINTER BREAK	WINTER BREAK	
PSYCHOLOGY	ASSESSMENT 2	ASSESSMENT 2	WINTER BREAK	WINTER BREAK	WINTER BREAK	
PHYSICAL EDUCATION	ASSESSMENT 2	ASSESSMENT 2	DISCUSSION OF PROJECT WORK AND PRACTICAL	WINTER BREAK	WINTER BREAK	
PAT	ASSESSMENT 2	ASSESSMENT 2	KHELO INDIA FITNESS TEST	WINTER BREAK	WINTER BREAK	
SOCIOLOGY	Assessment 2	Assessment 2	Final project submission with viva	WINTER BREAK	WINTER BREAK	

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	Indian School Wadi Kabir Class: XI ISWK SHARING KNOWLEDGE (Monthly Plan - January 2027)					
SUBJECTS	Week - 1	Week - 2	Week - 3	Week - 4	Week - 5	Learning Outcomes
ENGLISH		Hornbill: Childhood (Poem)	Hornbill: Father to Son (poem)	Snapshots: The Tale of Melon City (poem)	GRAMMAR: Integrated Grammar exercises	Comprehend the poem and enhance their vocabulary. Identify the figures of speech and the rhyming.
MATHEMATICS	CH:13 - Limits and Derivatives Intuitive Idea of Derivatives and Limits Problems based on Limits Limits of Trigonometric Functions	CH:13 - Limits and Derivatives Evaluate the limits and derivatives of a function at a given point To find the derivatives using first principle	CH:13 - Limits and Derivatives Derivative of a given function Sum and difference rule,product rule,quotient rule.	CH:14 - Probability Random Experiments Event Axiomatic Approach to Probability To solve Problems based on Probability	CH:14 - Probability Axiomatic Approach to Probability To solve problems based on Probability	To Introduce Intuitive Idea of Derivatives and Limits Learners learn to solve problems based on limits of trigonometric functions. Students will evaluate the limits and derivatives of a function at a given point

						To find the derivatives using first principle Students understand the basics of probability
PHYSICS	Chapter–12: Kinetic Theory Equation of state of a perfect gas. Kinetic theory of gases - assumptions, concept of pressure, degrees of freedom, law of equi-partition of energy (statement only) and application to specific heat capacities of gases; concept of mean free path, Avogadro's number.	Chapter–13: Oscillations Periodic motion - time period, frequency, displacement as a function of time, periodic functions and their applications. Simple harmonic motion (S.H.M) and its equations of motion; phase; oscillations of a loaded spring- restoring force and force constant; energy in S.H.M. Kinetic and potential energies; simple pendulum derivation of expression for its time period.	Chapter–14: Waves: Wave motion: Transverse and longitudinal waves	speed of travelling wave, displacement relation for a progressive wave, principle of superposition	of waves, reflection of waves, standing waves in strings, fundamental mode and harmonics	Students will understand the concept of wave motions
Chemistry	Chemical Thermodynamics Introduction to Thermodynamics	First Law of Thermodynamics Internal Energy and Enthalpy Hess's Law	Gibb's Energy Change Criteria for Equilibrium Introduction to the Third Law of Thermodynamics	Equilibrium Constant Factors Affecting Equilibrium Le Chatelier's Principle	Acid Strength and pH Concept Hydrolysis of Salts	Students will understand the basic concepts of systems, surroundings, and the types

	Work, Heat, and Energy Extensive and Intensive Properties State Functions	Enthalpy Changes in Reactions Phase Transitions Introduction to the Second Law of Thermodynamics Understanding Entropy	Chapter 6-Equilibrium Introduction to Equilibrium Dynamic Nature of Equilibrium Law of Mass Action	Ionic Equilibrium		of systems (open, closed, isolated). Students will differentiate between work, heat, and energy, and understand their interrelationships. Students will classify properties as extensive or intensive and understand their implications in thermodynamics.
BIOLOGY	Ch 11 : Photosynthesis in higher plants- Early experiments, Where does photosynthesis take place?	Ch 11 : Photosynthesis in higher plants-How many types of pigments are involved in photosynthesis? Light reaction,	Ch 11 : Photosynthesis in higher plants Light reaction ,text book exercise	Ch 12 : Chapter 12 : Respiration in plants introduction, basic concepts	Chapter 12 : Respiration in plants-Do plants breathe? Glycolysis	To recall that Photosynthesis as a means of autotrophic nutrition; site of photosynthesis, pigments involved in photosynthesis (elementary idea); photochemical and biosynthetic phases of photosynthesis; To make the learners understand the process of Glycolysis.
INFORMATICS PRACTICES	ASSESSMENT-2	Artificial Intelligence, Machine Learning, Natural Language Processing, Immersive experience (AR, VR)			revision of Python lists and dictionary	The purpose is to introduce emerging trends which includes: 1.Artificial Intelligence 2.Machine Learning To comprehend the ideas of: 1.Robotics

		Robotics, Big data and its characteristics, Internet of Things (IoT),				2.Big Data and its characteristics 3.Internet of things To understand the concept of: 1.Cloud Computing 2. Various models of cloud computing and its advantages
COMPUTER SCIENCE		Digital Footprints Digital Society and Netizen: net etiquettes, communication etiquettes, social media etiquettes Data Protection:		speed of travelling wave, displacement relation for a progressive wave, principle of superposition of waves, reflection of waves, standing waves in strings, fundamental mode and harmonics	Intellectual Property Rights, Plagiarism, digital rights management and licencing, open source, open data, privacy, privacy laws, fraud, cyber-crime, phishing, illegal downlods, child pornography, scams, cyber forensics, IT Act 2000, Technology and Society	To know the Cyber law ,safety and protection is important for students know it. To know Social networking sites - Twitter, LinkedIn, and Facebook and specific usage Rules - Safely accessing web sites: adware, malware, viruses, trojans, safely communicating data: and identity verification is good to know. To know and understand Intellectual Property Rights, Plagiarism, digital rights management and licencing, open source, open data, privacy,

						privacy laws, fraud, cyber-crime, phishing, illegal downlods, child pornography, scams, cyber forensics, IT Act 2000, Technology and Society
ACCOUNTANCY	WINTER BREAK	Preparation of Trading, Profit/loss A/c and Balance Sheet with Adjustments.	speed of travelling wave, displacement relation for a progressive wave, principle of superposition of waves, reflection of waves, standing waves in strings, fundamental mode and harmonics	Incomplete Records Features, reasons and limitations. Ascertainment of Profit/Loss by Statement of Affairs method.	Ascertainment of Profit/Loss by Statement of Affairs method.	-Prepare balance sheet of a business concern -Examines the accounting treatment of different items of the balance sheet and creates a balance sheet of a business concern. -Analyses the accounting treatment of assets, liabilities and capital in the balance sheet. -Examine the accounting treatment of different items of the balance sheet and create a balance sheet of a business concern.

						-Understand the meaning of single entry system, advantages and disadvantages -Ascertain capital and determination of profit or loss
BUSINESS STUDIES		Internal Trade Internal trade - meaning and types services rendered by a wholesaler and a retailer Types of retail-trade-Itinerant and small scale fixed shops retailers	Large scale retailers-Departmental stores, chain stores – concept GST (Goods and Services Tax): Concept and key-features	International trade: concept and benefits Export trade – Meaning and procedure Import Trade - Meaning and procedure Documents involved in	International Trade; indent, letter of credit, shipping order, shipping bills, mate's receipt (DA/DP) World Trade Organization (WTO) meaning and objectives	The meaning and types of internal trade. Appreciate the services of wholesalers and retailers. The different types of retail trade. The distinctive features of departmental stores, chain stores and mail order business. Understand the concept of GST. The concept of international trade. Describe the scope of international trade to the nation and business firms. State the meaning and objectives of export trade.

						The important steps involved in executing export trade. the meaning and objectives of import trade. The important steps involved in executing import trade. Develop an understanding of the various documents used in international trade. Identify the specimen of the various documents used in international trade. Highlight the importance of the documents needed in connection with international trade transactions. State the meaning of World Trade Organization. Discuss the objectives of World Trade Organization in promoting international trade.
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ECONOMICS		Market Equilibrium Price Ceiling Price Floor	INDEX NUMBER Meaning, Importance & Uses Types of Index Numbers Construction of Index Numbers	INDEX NUMBER Construction of Index Numbers	Other Index numbers	Demonstrate the role of Government in overcoming the limitations of market system Explain the role of price ceiling in necessary goods." Explains the role of price flooring in the case of agricultural goods. Explain the meaning of index number. Summarises the importance of using Index Number. Explain how inflation is measured using the different index numbers. Calculate the price index using the Simple Aggregate Price Index & Simple Price
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						Relative Price Index. Calculate the price index using the Weighted Aggregative Price Index & Weighted Price Relative Price Index. Enlists the problems with construction of an index number
ENTREPRENEURSHIP	WINTER BREAK	Human Resources Manning Table - Efficient utilization - of HR Selection of - Personnel How to procure - Finance .4	Material Resources Intangible Resources Selection and utilization of human resources and professionals like Accountants, Lawyers, Auditors, Board Members, etc	Writing Notes	Revision	
MARKETING		REVISION	REVISION	REVISION	REVISION	
ENGINEERING GRAPHICS	WINTER BREAK	Unit 6:Isometric Projection - introduction	Isometric projection of square,triangle,rectan gle	Isometric projection of pentagon,hexagon	Isometric projection of the circle in both conditions (kept in	Understand and analyses the constructive methods

		& Construction of isometric scale		in both conditions (kept in HP and VP)	HP and VP) using four center methods.	of iso projections in various conditions
PSYCHOLOGY	Chp-8: Motivation & Emotion Theories of Motivation Biological & Psycho Social Motives	Management Of Negative Emotions/ Enhancing Positive Emotions	Annual Practicals	REVISION	REVISION	Learners will be able to *Compare between Biological & Psycho Social Motives *Enlist Hierarchy of Motives
PHYSICAL EDUCATION	WINTER BREAK	Unit 10: Training & Doping in Sports. Concept and Principles of Sports Training Training Load: Over Load, Adaptation, and Recovery	Warming-up & Limbering Down – Types, Method & Importance	Concept of Skill, Technique, Tactics & Strategies	Concept of Doping and its disadvantages	students will be able to: •Understand the concept and principles of sports training. •Summarise training load and its concept. •Understand the concept of warming up & limbering down in sports training and their types, method & importance. •Acquire the ability to differentiate between the skill, technique, tactics & strategies in sports training

						•Interpret concept of doping.
PAT	WINTER BREAK	Unit 5 – Green Skills Sustainable Development	Our Role in Sustainable Development	Submission of Portfolio, fitness test and game profile	REVISION OF PART A TB REVISION OF PART B TB	Understand green skills and contribute actively to sustainable development practices.
SOCIOLOGY	WINTER BREAK	Unit 7: Indian Sociologists Introduction 2 Accidental Anthropologists	Unit 7: G.S. Ghurye	Unit 7: D.P Mukherjee & A.R Desai	Unit 7: M.N Srinivas	Identify Key Thinkers – Students will be able to name and describe the contributions of prominent Indian sociologists such as G.S. Ghurye, M.N. Srinivas, and A.R. Desai. Understand Sociological Concepts – Students will be able to explain the major sociological concepts and theories developed by Indian sociologists and how they apply to Indian society. Analyze Research Approaches – Students will be able to examine the research methods and approaches used by Indian sociologists in studying social

						institutions, caste, and social change. Connect Theory to Society – Students will be able to relate the ideas of Indian sociologists to contemporary social issues and everyday social life in India.
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	Indian School Wadi Kabir ISWK SHARING KNOWLEDGE (Monthly Plan - February 2027)					
	Class: XI					
	SUBJECTS	Week - 1	Week - 2	Week - 3	Week - 4	Week - 5
	Learning Outcomes					
ENGLISH	Revision for Final Examination	Revision for Final Examination	Revision for Final Examination	Revision for Final Examination		
MATHEMATICS	CH:14 - Probability	Revision for final examination	FINAL EXAM	FINAL EXAM		Students understand the Axiomatic Approach to Probability

	Axiomatic Approach to Probability To solve problems based on Probability					Students are able to solve problems based on Probability
PHYSICS	Revision	Revision	FINAL EXAM	FINAL EXAM		Students are able to do the numericals
Chemistry	unit 6- Chemical Equilibrium Buffer solution Henderson-Hasselbalch Equation Solubility Product and Common Ion Effect	Revision	FINAL EXAM	FINAL EXAM		Students are able to Solve problems using the Henderson equation.
BIOLOGY	Chapter 12 : Respiration in plants- TCA cycle, ETS, RQ REVISION	Revision for Final Examination	FINAL ASSESSMENT	FINAL ASSESSMENT		Students are able to Describe:Alcoholic fermentation Lactic acid fermentationUnderstand their significance and limitations Define $RQ = \frac{\text{CO}_2 \text{ evolved}}{\text{O}_2 \text{ consumed}}$

						Interpret values for:Carbohydrates, Fats, Proteins Solve simple numericals
INFORMATICS PRACTICES	Revision of MYSQL	Revision for Final Examination	FINAL ASSESSMENT	FINAL ASSESSMENT		
COMPUTER SCIENCE	Revision for Final Examination	Revision for Final Examination	FINAL ASSESSMENT	FINAL ASSESSMENT		
ACCOUNTANCY	REVISION AND FINAL PRACTICAL - VIVA	REVISION AND FINAL PRACTICAL- VIVA	FINAL ASSESSMENT	FINAL ASSESSMENT		

BUSINESS STUDIES	VIVA an REVISION	VIVA and REVISION	REVISION FINAL EXAM	FINAL EXAM	FINAL EXAM	
ECONOMICS	VIVA REVISION	VIVA REVISION	REVISION FINAL EXAM	FINAL EXAM	FINAL EXAM	
ENTREPRENEURSHIP	VIVA REVISION	VIVA REVISION	REVISION	REVISION	REVISION	
MARKETING	PROJECT WORK	PROJECT WORK	REVISION	REVISION	REVISION	
ENGINEERING GRAPHICS	REVISION & FINAL EXAM	REVISION & FINAL EXAM	REVISION & FINAL EXAM	REVISION & FINAL EXAM	REVISION & FINAL EXAM	
PSYCHOLOGY	Revision	Final Exam	Final Exam	Final Exam		
PHYSICAL EDUCATION	Revision for Final Examination	Revision for Final Examination	Revision for Final Examination	Final Examination	Final Examination	
PAT	Revision	Final Exam	Final Exam	Final Exam	-	
SOCIOLOGY	Revision for Final Exams	Revision for Final exams	Revision for Final exams	Final Exams	Final Exams	