

Indian School Wadi Kabir

Class: XI

ISWK SHARING KNOWLEDGE

(Monthly Plan - April 2023)

SUBJECTS	Week - 1	Week - 2	Week - 3	Week - 4	Week - 5	Learning Outcomes
ENGLISH	<p>Syllabus Overview- Familiarising and acquainting the students with the syllabus.</p> <p>Hornbill: The Portrait of a Lady (Prose)</p>	<p>Hornbill: The Portrait of a Lady (Prose)</p> <p>The Photograph (poem)</p> <p>GRAMMAR: Tenses</p> <p>Reading Comprehension- unseen passage</p>	<p>Hornbill: The Photograph (poem)</p> <p>WRITING: Classified Advertisements</p> <p>GRAMMAR: Tenses</p> <p>Reading Comprehension- unseen passage</p>	<p>Snapshots: The Summer of the Beautiful White Horse (Prose)</p> <p>WRITING: Classified Advertisements</p> <p>GRAMMAR: Tenses</p> <p>Reading Comprehension- unseen passage</p>		<p>-To perceive meaning and organisation of the text (i.e., to identify the central/main point and supporting details, etc., to build communicative competence)</p> <p>-Using appropriate Writing format and fluency, inference, analysis and creativity</p> <p>-Ability to arrive at a deeper understanding of not only the world presented in the book but also of the real world around them</p> <p>-Draft advertisements effectively and</p>

						appropriately -Use grammatical structures accurately and appropriately
MATHEMATICS	Sets and their representations, Empty set, Finite & Infinite sets	Subsets. Subsets of a set of real numbers especially intervals (with notations). Power set, Universal set.	Venn diagrams. Union and Intersection of sets. Difference of sets. Complement of a set. Properties of complement sets. Practical problems on union and intersection of sets.	Ordered pairs, Cartesian product of sets. Cartesian product of the set of all reals with itself. Definition of relation, pictorial diagrams, domain, co-domain and range of a relation		<p>Identify sets as well defined collections. represent sets in roster and set builder form.</p> <p>Solve practical problems on union and intersection of sets.</p> <p>Apply results and solve problems on number of elements of sets using properties.</p>
PHYSICS	Chapter-3: 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).	worksheet and exercise questions	Learners will be able to understand the term motion as a relative term and classification of motion. Learners will be able to understand the significance of three equations of motion in our daily life along with it mathematical calculus

						analysis.
CHEMISTRY	<p>Chapter 1 Some basic concepts of Chemistry General Introduction: Importance and scope of chemistry.</p> <p>Nature of matter, laws of chemical combination</p>	Atomic and molecular masses, mole concept and molar mass	Stoichiometry and calculations based on stoichiometry. Limiting reagent	<p>Different formulae to express concentration</p> <p>a) Mass percentage b) Mole fraction c) Molarity d) Molality</p>	<p>Chapter 2 Structure of Atom Bohr's model and its limitations Concept of shells and subshells, dual nature of matter and light De Broglie's relationship, Heisenberg uncertainty principle</p>	<p>The students gain an understanding of scope and importance of Chemistry</p> <p>The students gain an understanding of different laws of chemical understanding</p> <p>The students could recall the mole concept</p> <p>The students gain an understanding of stoichiometric calculations</p>
BIOLOGY	<p>Unit 3 : Cell - Unit of Life</p> <p>LAB: Compound Microscope, Plasmolysis , Potato Osmometer, Mitosis PS</p>	<p>Unit 3 : Cell Division</p> <p>LAB : Plasmolysis</p>	<p>Unit 3 : Biomolecules</p> <p>LAB: Parts of a compound microscope.</p>	<p>Unit I :</p> <p>CHAPTER 1 : LIVING WORLD</p>	<p>UNIT I : Chapter 2: BIOLOGICAL CLASSIFICATION</p>	<p>-To make them learn and understand about the importance of cell organelles and relate it to the different types of cell types.</p> <p>-to learn the Compositions of different lipids, proteins. Formation of ES</p>

						<p>complex.Enzyme substrate complex and product formation.</p> <p>-Understand the concepts and contributions in classification of plants and animals.</p>
INFORMATICS PRACTICES	Introduction to computer and computing	Evolution of computing devices, Components of a computer system and their inter connections, Input/Output devices	Computer Memory: Units of memory, types of memory – primary and secondary, data deletion, its recovery and related security concerns.	Software: purpose and types – system and application software, Generic and specific purpose software	-	Students will learn the evolution of computing devices,components of computer and I/O devices,the different types of memory and their uses,how to recover lost data and different security measures,the purpose of software and generic and specific purpose software.
COMPUTER SCIENCE	Computer Systems and Organization – Description of Computer System - Mobile System – Types of Software	Compiler – Interpreter - Memory Units - Number System	Number System - Information Representation – Strings	Boolean Logic – Basic Concepts of Flowchart - Computational Thinking and Programming – Features of Python		Students will understand the basics of the computer system and types of softwares used, the function of translator, how the compiler is different from interpreter, the type of number systems

						and how they are useful, the basics of computer systems and logical gates, algorithms and flowcharts.
ACCOUNTANCY	Introduction to Accounting Accounting-concept, meaning, as a source of information.	Objectives, advantages and limitations of accounting. Types of accounting information. Users of accounting information and their needs.	Qualitative Characteristics of Accounting Information. Role of Accounting in Business.	Basic Accounting Terms: Accounting terminologies	Accounting terminologies	Understanding the meaning, significance of bookkeeping and accounting. The objectives and limitations of accounting. Recognise the individual(s) and entities that use accounting information for serving their needs of decision making. Understand and explain the various accounting terms and differentiate between related terms
BUSINESS STUDIES	Evolution & fundamentals of business:	Objectives, Role of Profit, Industry Commerce and types	Business Risk Nature and Causes	History of Trade and commerce	History of Trade and commerce (Contd.)	Appreciate the economic and social objectives of business. • Examine the role of profit in business


	Business Concept, types and differences	Trade and Auxiliaries to trade				Understand the broad categories of business activities- industry and commerce. Discuss the meaning of commerce, trade and auxiliaries to trade. Explain the meaning, nature and causes of business risk Acquaint the history of trade and commerce in India
ECONOMICS	Statistics: Introduction: What is Economics? Meaning, scope, functions and importance of statistics in Economics	Statistics: Collection: Meaning, sources of data Sampling and Non-sampling errors, methods of collecting data Census of India and NSSO	Micro: Introduction to microeconomics: Meaning of micro economics and macroeconomics Positive and Normative economics What is an economy, central problems of an economy	Introduction to microeconomics : (Contd) Central problems of an economy: Concepts of Production Possibility Frontier and Opportunity Cost.	Micro: Consumers Equilibrium & Demand: Utility – Meaning, Total Utility, Marginal utility. Solving numericals	Statistics: Students will understand Economics as the study of man in ordinary business of life and will know the relation between Economics and statistics. Micro: Students will know the scope of Economics, difference between micro and macro, will know about PPC and opportunity cost. Will develop the concept of total utility and marginal utility.
ENTREPRENEURSHIP	CHP 1 - Entrepreneurship: Concept and Functions	1. Myths of Entrepreneurship	- Managerial - Commercial WRITING NOTES	- Dependin g on the nature,	2. Ethical Entrepreneurship	Students will be able to 1. Understand the concept of Entrepreneurship

	<ol style="list-style-type: none"> 1. Concept of Entrepreneurship 2. Who is an Entrepreneur? 3. Entrepreneur v/s Entrepreneurship 4. Need for Entrepreneurship 5. Myths of entrepreneurship 	<ol style="list-style-type: none"> 2. Advantages and limitations of entrepreneurship 3. Process of Entrepreneurship 4. Functions of Entrepreneurship <ul style="list-style-type: none"> - Entrepreneurial - Promotional 	<p>CHP 2 - An Entrepreneur</p> <ol style="list-style-type: none"> 1. Types of Entrepreneur <ul style="list-style-type: none"> - According to Danhof 	<p>size and type of business</p> <ul style="list-style-type: none"> - Other Categories of Entrepreneurs <ol style="list-style-type: none"> 1. Competencies of an Entrepreneur 	<ul style="list-style-type: none"> - Understand the meaning of business ethics - Appreciate the importance of Ethical Entrepreneurship 	<ol style="list-style-type: none"> 2. Explain the functions of Entrepreneurship 3. Appreciate the need for Entrepreneurship in our economy 4. State the myths, advantages and disadvantages of Entrepreneurship 5. Describe the process of Entrepreneurship 6. Differentiate between various types of entrepreneurs 7.
MARKETING	<p>Introduction to Marketing Concept of marketing and its scope</p>	<p>Importance of Marketing Marketing Philosophies</p>	<p>Introduction to Marketing, Employability Skills - Communication Skills Concept of Marketing and Selling , Methods of Communication Communication Styles, Demonstrate basic writing skills</p>	<p>Meaning and importance of Environment in Marketing</p>	<p>Meaning and steps in Environmental scanning</p>	<ol style="list-style-type: none"> 1. Introduce the concept of Marketing. 2. Discuss the importance of Marketing philosophies 3. Explain the Concept of Marketing and Selling , Methods of Communication Communication Styles 4. Introduce Employability skills, communication skills. Demonstrate basic writing skills.

<p>ENGINEERING GRAPHICS</p>	<p>Class 11 starts on 5th April. Introduction to the new subject Engineering Graphics.</p>	<p>Preliminary Contents of Engg. Graphics like Drawing instruments, size and shape</p>	<p>Layout of drawing sheet and title block construction with proper measurements.</p>	<p>Unit 1 : Rectilinear Figures - Definitions, Bisection and construction of angle.</p>	<p>Types of lines, triangles</p>	<p>To understand about the new subject and gets familiarised with the updated CBSE syllabus</p>
<p>PSYCHOLOGY</p>	<p><u>Unit 1: General Introduction and Overview of Subject and Gr.11 Syllabus.</u> <u>Chp 1:- What is Psychology? Introduction</u></p> <p><u>Unit 1: What is Psychology? Psychology as a Discipline, Natural Science and Social Science Understanding Mind and Behaviour</u></p>	<p>Unit 1: What is Psychology? Evolution of Psychology Development of Psychology in India</p> <p>Unit 1: What is Psychology? Branches of Psychology</p>	<p>Branches of Psychology</p> <p>Branches of Psychology (continued)</p>	<p>Themes of Research and Application Basic v/s Applied Psychology Psychology and other Disciplines Psychologists at Work Psychology in Everyday life</p>	<p>EID HOLIDAYS</p>	<p>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</p>

<p>PHYSICAL EDUCATION</p>	<p>Introduction of Physical Education as a elective subject</p>	<p>Unit I Changing Trends & Career in Physical Education ●Concept, Aims & Objectives of Physical Education</p>	<p>●Changing Trends in Sports- playing surface, wearable gears and sports equipment, technological advancements</p>	<p>●Career Options in Physical Education</p>	<p>●<u>Khelo-India and Fit-India Program</u></p>	<p>Recognize the concept of Physical Education, identify the aims and objectives of Physical Education explore different career options in the field of Physical Education, understand Khelo India Programme</p>
<p>SOCIOLOGY</p>	<p>Introduction to the subject, overview of syllabus and internal assessments for the year</p>	<p>Unit 1: Sociology & Society -Introduction - the sociological imagination - Pluralities in Society - The intellectual and material foundations of sociology</p>	<p>Unit 1: Sociology & Society - The rise of sociology in India - The scientific method in sociology -Relation of sociology to other social sciences -OTQ's and STQ's</p>	<p>Unit 2: Terms & concepts in Sociology - Need for terms in sociology - Concept and characteristics of social groups -Types of social groups - Meaning of role, status and related terms</p>	<p>Unit 2: Terms & concepts in Sociology - Meaning of social stratification - Types of social stratification - Focus on class and caste</p>	<p>To understand the meaning of Sociology and the concept of Sociology To analyze the relation of Sociology to other social sciences To learn about how and why sociology is a science To understand the Sociological imagination To successfully answer OTQ's and STQ's on the topic To engage students in activities related to the textbooks: the sociological imagination etc To understand the meaning of Social groups and its characteristics To analyze the meaning of social stratification</p>

						<p>To learn about the 4 types of stratification</p> <p>To understand the meaning of role, status & related concepts</p>
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 <p style="text-align: center;">Indian School Wadi Kabir ISWK SHARING KNOWLEDGE (Monthly Plan - May 2023)</p>						
Class: XI						
SUBJECTS	Week - 1	Week - 2	Week - 3	Week - 4	Week - 5	Learning Outcomes
ENGLISH	<p>Snapshots: The Summer of the Beautiful White Horse (Prose)</p> <p>WRITING: Classified Advertisements</p> <p>GRAMMAR: Sentence reordering</p> <p>Reading Comprehension- unseen passage</p>	<p>Hornbill: "We're Not Afraid to Die... if We Can be Together" (prose)</p> <p>WRITING: Classified Advertisements</p> <p>GRAMMAR: Sentence reordering</p> <p>Reading Comprehension- unseen passage</p>	<p>Hornbill: "We're Not Afraid to Die... if We Can be Together" (prose)</p> <p>WRITING: Long Writing task: Speech</p> <p>GRAMMAR: Sentence reordering</p>	<p>Snapshots: The Address (prose)</p> <p>WRITING: Long Writing task: Speech</p> <p>GRAMMAR: Sentence reordering</p> <p>Reading Comprehension- snapshots- unseen passage</p>		<p>- Ability to arrive at a deeper understanding of not only the world presented in the book but also of the real world around them</p> <p>- Draft advertisements</p>

			Reading Comprehension- unseen passage			<p>effectively and appropriately</p> <p>-Use grammatical structures accurately and appropriately</p> <p>-Comprehend the difference between the literal and the figurative</p>
MATHEMATICS	<p>Function as a special kind of relation from one set to another. Domain, co-domain & range of function. Real valued functions, with their graphs</p>	<p>Positive and negative angles. Measuring angles in radians and in degrees and conversion from one measure to another. Definition of trigonometric fn.</p>	<p>Signs of trigonometric functions. Domain and range of trigonometric functions and their graphs.</p>	<p>Trigonometric functions as periodic functions, their amplitude, argument period & graph.</p>		<p>identify domain, co-domain and range of a relation. Define trigonometric functions with the help of unit circle. Identify the domain and range of trigonometric fn.</p>
PHYSICS	<p>Chapter–4: Motion in a Plane Scalar and vector quantities; position and displacement vectors, general vectors and their notations; equality of vectors,</p>	<p>resolution of a vector in a plane, rectangular components, Scalar and Vector product of vectors.</p>	<p>Motion in a plane, cases of uniform velocity and uniform acceleration,projectile motion, uniform circular motion. Worksheet and exercise questions</p>	<p>Chapter–2: Units and Measurements: Need for measurement: Units of measurement; systems of units; SI units, fundamental and derived units. significant figures.</p>	<p>Dimensions of physical quantities, dimensional analysis and its applications.</p>	<p>Learners will be able to understand basics of Scalar and Vector quantities along with its Mathematical analysis (Addition, subtraction, Product,</p>

	<p>multiplication of vectors by a real number; addition and subtraction of vectors, Unit vector;</p>					<p>Resolution, Projection) Learners will be able to understand the concept of Projectile and its mathematical analysis (Parabolic path, Maximum height attained, Range, Time of flight, Resultant velocity)</p>
CHEMISTRY	<p>Aufbau principle, Pauli's exclusion principle and Hund's rule Electronic configuration of atoms Stability of half-filled and completely filled orbitals.</p>	<p>Unit 3: Classification of elements and periodicity in properties Nomenclature of elements with atomic number greater than 100. Modern periodic law and the present form of periodic table</p>	<p>Periodic trends in properties of elements -atomic radii, ionic radii, inert gas radii, Ionization enthalpy, electron gain enthalpy</p>	<p>Variation of periodic properties contd/-</p>	<p>Variation of periodic properties - Electronegativity</p>	<p>The student could develop understanding about the variation of periodic properties</p>

<p>BIOLOGY</p>		<p>Plant kingdom LAB : Plant and animal Specimens</p>	<p>Chapter 4 : Animal Kingdom</p>	<p>Unit 2 : Chapter 5. Morphology Of Flowering plants LAB : Plant and animal Specimens</p>	<p>Chapter 6 : Anatomy of flowering plants</p>	<p>-To introduce the learners to various different classes of plant kingdom and their salient features. -To study and impart knowledge on different features of Bryophyta, Pteridophyta, Algae, Gymnosperms. -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. -To revise the tissue system in plants . To learn and understand the anatomy of dicot and monocot plants.</p>
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<p>INFORMATICS PRACTICES</p>		<p>Conditional statements – Introduction, if, if-else, if elif-else</p>	<p>if else , if elif and nested if in detail</p>	<p>Iterative computation in Python – Introduction, Iterative construct types - for loop, while loop</p>	<p>Iterative construct types - for loop, while loop in detail</p>	<p>Students will learn to make the program readable,types of data ,operators and memory locations, concept of selection statement, different types of ‘if’ statements and concept of loops.</p>
<p>COMPUTER SCIENCE</p>	<p>Comments – Notion of a Variable - Data Types and Operators</p>	<p>Operator Types – Python Program creation – IDLE mode and Script mode</p>	<p>Expressions, statement, type conversion, and input/output: precedence of operators,</p>	<p>Expression, evaluation of an expression, type-conversion . Errors- syntax errors, logical errors, and run-time errors</p>	<p>Conditional statements – Introduction, if, if-else, if-elif-else</p>	<p>Students will learn how to make program readable,types of data ,operators and memory locations, how python works and modes of it, how to use operators in the program and decision making statements</p>

<p>ACCOUNTANCY</p>	<p>Theory Base of Accounting Fundamental accounting assumptions: GAAP: Concept. Accounting: Principles, Concepts, Standards, IFRS</p>	<p>Basis of Accounting: cash basis and accrual basis.</p> <p>Accounting Standards: Applicability of Accounting Standards (AS) and Indian Accounting Standards (IndAS) Goods and Services Tax (GST)</p>	<p>Recording of transactions: Accounting Equations</p>	<p>Accounting Equations</p>	<p>Rules of debit and credit. , Journal</p>	<p>The meaning of fundamental accounting assumptions and their relevance in accounting. The meaning of accounting assumptions and the situation in which an assumption is applied during the accounting process. The bases of recording accounting transaction and to appreciate that accrual basis is a better basis for depicting the correct financial position of an enterprise. Meaning of accounting equation. Effect of transaction, change in assets/liabilities/capital (income or expenses).</p>
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						Steps in the process of journalising. Able to pass simple entries.
BUSINESS STUDIES	Forms of Business Organisation - Concept of Sole Proprietorship	Partnership, features, merits and demerits	Types of partnership and types of partners, partnership deed and registration of partnership deed	JHUF, and Cooperative Societies - Features, merits and demerits	Joint Stock Company concept, Features, Merits, Limitations and Types	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. <ul style="list-style-type: none"> • State the need for registration of a partnership firm. Understand the concept of Hindu Undivided Family Business. <ul style="list-style-type: none"> Identify and explain the concept, merits and limitations of Cooperative Societies. • Understand the concept of private and public company and one person company.

						<ul style="list-style-type: none"> • Understand the meaning of one person company. Highlight the stages in the formation of a company.
ECONOMICS	Micro: Consumers Equilibrium & Demand: (Contd) Law of diminishing marginal utility, Conditions of consumer's equilibrium using marginal utility analysis	Micro: Consumers Equilibrium & Demand: (Contd) Cardinal utility analysis: One commodity case Two commodity case	Micro: Consumers Equilibrium & Demand: (Contd) Indifference curves, Indifference map, Properties of indifference curves, Consumer's budget-budget set. Budget line, Monotonic preference, indifference map Indifference curve analysis of consumer's equilibrium,	Micro: Consumers Equilibrium & Demand: (Contd) Condition of consumer's equilibrium with the help of indifference curve analysis.	Micro: Consumers Equilibrium & Demand: (Contd) Demand: Market demand, determinants of demand, demand schedule, curve and slope. Movement along and shifts in the demand curve	Students will be able to differentiate between cardinal and ordinal measures of utility. learns about the preference of goods of consumers.learns the conditions of equilibrium and represents it graphically. Learns to represent the conditions of eqm using Indiff curve and budget line, both mathematically and graphically

						Will know the shape of the demand curve and derive the market demand curve from the individual demand curve. Can represent the shift and movement graphically.
ENTREPRENEURSHIP	<p>UNIT - II AN ENTREPRENEUR</p> <p>1. the core values of Entrepreneur</p> <ul style="list-style-type: none"> - 1. the concept of Attitude - - Features - - Sources - - Essential attitudes of an Entrepreneur (student presentation) - 	<p>2. Concept of Motivation</p> <ul style="list-style-type: none"> - Process - Maslow's Theory - McClelland's Theory of Needs <p>1. Concept of Intrapreneurship</p> <ul style="list-style-type: none"> - Meaning - Importance - Consequences 	<p>Writing Notes</p> <p>UNIT - III ENTREPRENEURIAL JOURNEY</p> <p>1. the concept of Business Ideas, misconceptions and reality</p>	<p>1. the different structured approaches of generating ideas.</p> <p>2. the importance of evaluating ideas</p> <p>3. Concept of Feasibility Study</p> <p>4. Differentiate between the types of Feasibility</p> <p>5. the features of Feasibility</p> <p>6. opportunities in the market.</p> <p>7. Elements of business plan</p> <p>8. the reasons for success and failure of business plan</p>	WRITING NOTES	<p>1. Understand ways of idea generation.</p> <p>2. Discuss the concept of types of feasibility study</p> <p>3. Draft a basic business plan</p> <p>4. Understand the reasons for success and failure of business plan</p>

MARKETING	Ch 2 - Marketing Environment Macro Environment in business Discussion on demographic forces and Politico-legal forces	Economic forces Natural or physical forces Technological forces Socio cultural forces	Ch 2 - Marketing Environment, And Employability Skills - Self-management Skills	Micro environmental factors , Employability skills Demonstrate impressive appearance and grooming,Apply time management strategies and techniques	Marketing Segmentation, Targeting & Positioning Importance of Segmentation	1.Students will understand the concept of Macro Environment in business. 2.Will help students understand demographic forces and Politico-legal forces. 3.Students will understand the economic forces/technological and socio-cultural forces.
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	Inscribing of circles - Inside a hexagon	Improves the drawing skills of students with different topics
PSYCHOLOGY	Unit 2: Methods of Enquiry in Psychology- Goals, Steps	Observation Method, Survey Method,	Experimental Method, Case Study,	UT 1 Analysis of Data	Ethics, Limitations	

<p>PHYSICAL EDUCATION</p>	<p>Unit II Olympism</p> <p>1. Olympism – Concept and Olympics Values (Excellence, Friendship & Respect) 2. Olympic Value Education – Joy of Effort, Fair Play, Respect for Others, Pursuit of Excellence, Balance Among Body, Will & Mind</p>	<p>3. Ancient and Modern Olympics 4. Olympics - Symbols, Motto, Flag, Oath, and Anthem 5. Olympic Movement Structure - IOC, NOC, IFS, Other members</p>	<p>Unit 3 Yoga</p> <p>1. Meaning and importance of Yoga 2. Introduction to Astanga Yoga 3. Yogic Kriyas (Shat Karma)</p>	<p>4. Pranayama and its types. 5. Active Lifestyle and stress management through Yoga</p>	<p>Practical- Khelo India Physical fitness test 50 mt dash, 600 mt run or walk, partial curl ups, push-ups, sit and reach test</p>	<p>Incorporate values of Olympism in your life. Differentiate between Modern and Ancient Olympic Games, Paralympics, and Special Olympic games</p> <p>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</p>
<p>SOCIOLOGY</p>	<p>Unit 2: Terms & concepts in Sociology</p> <p>- Social control and Deviance</p> <p>Unit 3: Social Institutions</p> <p>Introduction to conflict and</p>	<p>Unit 3: Social Institutions</p> <p>Meaning and types of social institutions</p> <p>Family, marriage and kinship</p>	<p>Unit 3: Social Institutions</p> <p>- Economic and political institutions - Religious and educational institutions</p>	<p>Exam Revision (Unit 1,2 & 3)</p>	<p>Introduction to Project work and Art Integration Activity</p>	<p>To understand the meaning of Society & social control To understand deviance and its relation to social control To successfully answer OTQ's and STQ's on the topic To engage students in activities related to the textbook</p>

	functionalist perspective					<p>To understand the role and functions of social institutions</p> <p>To analyze social institutions from the functionalist & conflict perspective</p> <p>To learn about the meaning of family, marriage & kinship and its types</p> <p>To understand the themes explored in the sub units (political, economic, educational institutions)</p>
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Indian School Wadi Kabir

Class: XI

ISWK SHARING KNOWLEDGE

(Monthly Plan - June 2023)

SUBJECTS	Week - 1	Week - 2	Week - 3	Week - 4	Week - 5	Learning Outcomes
ENGLISH	Snapshots:The Address (prose)	Snapshots:The Address (prose) WRITING: Long Writing task: Speech	SUMMER BREAK	SUMMER BREAK	SUMMER BREAK	-Express opinions, facts, arguments in the form of speech, using a variety of accurate sentence structures
MATHEMATICS	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 $\tan 3x$	SUMMER BREAK	SUMMER BREAK	SUMMER BREAK	To deduce identities related to $\sin 2x$, $\cos 2x$, $\tan 2x$, $\sin 3x$, $\cos 3x$ and
PHYSICS	Worksheet and exercise questions	Worksheet and exercise questions	SUMMER BREAK	SUMMER BREAK	SUMMER BREAK	To do multiple questions numerals,
CHEMISTRY	Chapter 4 -Chemical Bonding and Molecular structure Kossel Lewis theory,Lewis structure	Chapter 4 - Chemical bonding and molecular structure - Bond order, Resonance structures Concept of hybridization involving s, p and d orbitals	SUMMER BREAK	SUMMER BREAK	SUMMER BREAK	The student could explain the Bond parameters viz., Bond angle, Bond length, Bond enthalpy and Bond order

						which would give a complete knowledge of electronic concept of structures of the molecules
BIOLOGY	Chapter 2 : Structural Organization in Animals	Chapter 2 : Structural Organization in Animals				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	Types of Iterative constructs – range() function - Use of range() function in a loop, Introduction to Jump statement using break	-	-	-	-	Students will understand the function range() and its syntax with default values. They will understand the concept of jumping from the loop . Make them write programs

						which uses the break statement
COMPUTER SCIENCE	condition statements , introduction to iterative statements- for loop	-	-	-	-	Students will do more programs with if else statements
ACCOUNTANCY	Journal: Passing entries- Compound entries	Journal: Passing entries- Compound entries	SUMMER VACATION	SUMMER VACATION	SUMMER VACATION	Understand the concept of discount, bad debt, abnormal loss prepaid, outstanding, accrual, discount, bad debt, abnormal loss prepaid, outstanding, accrual and pass compound entries
BUSINESS STUDIES	Formation of company (Contd.) Important Documents	Public, private and global enterprises: Concept	SUMMER BREAK	SUMMER BREAK	SUMMER BREAK	Highlight the stages in the formation of a company. • Discuss the important documents used in the various stages in the

						<p>formation of a company.</p> <p>Develop an understanding of Public sector and private sector enterprises.</p>
ECONOMICS	<p>Consumers Equilibrium & Demand: (Contd) Relationship between income and demand: Distinction between normal good and inferior good. Price elasticity of demand: Factors affecting PED</p>	Worksheet and revision questions	SUMMER BREAK	SUMMER BREAK	SUMMER BREAK	Learns about the difference between normal good and inferior good, will know what is price elasticity of demand , its types, can solve numericals
ENTREPRENEURSHIP	WRITING NOTES	REVISIONS OF ALL THE TOPICS COMPLETED	SUMMER BREAK	SUMMER BREAK	SUMMER BREAK	
MARKETING	REVISION OF ALL THE CHAPTERS AND NOTES COMPLETION	<p>Information & Communication Technology</p> <p>Apply time management strategies and techniques, Create a document on word processor,Edit, save and</p>	SUMMER BREAK	SUMMER BREAK	SUMMER BREAK	

		print a document in word processor				
ENGINEERING GRAPHICS	Inscribing of circles - Inside a pentagon	Inscribing of circles: Inside an octagon	SUMMER BREAK			Identifies and recalls all the concepts of circles with drawing practice
PSYCHOLOGY	Discussion Of Project and Experiments	Conduct Experiment and Completion of Journal work	SUMMER BREAK	SUMMER BREAK	SUMMER BREAK	Students will be able to understand application aspects of Psychology.
PHYSICAL EDUCATION	Unit 4 Physical Education and Sports for Children with Special Needs 1. Concept of Disability and Disorder 2. Types of Disability, its causes & nature (Intellectual disability, Physical disability). 3. Disability Etiquette	4. Aim and objectives of Adaptive Physical Education. 5. Role of various professionals for children with special needs	SUMMER BREAK	SUMMER BREAK	SUMMER BREAK	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 etiquette

SOCIOLOGY	<p>Introduction to Research Methodology and Project Framework</p> <p>Introducing themes for Project work Preparation of outline and rough research question</p>					<p>To help students finalize their methodology and prepare questions for survey</p>
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<p style="text-align: center;">Indian School Wadi Kabir</p> <p style="text-align: center;">Class: XI</p> <p style="text-align: center;">ISWK SHARING KNOWLEDGE</p> <p style="text-align: center;">(Monthly Plan - August 2023)</p>						
SUBJECTS	Week - 1	Week - 2	Week - 3	Week - 4	Week - 5	Learning Outcomes
ENGLISH	<p>Hornbill: Discovering Tut: the Saga Continues</p>	<p>Hornbill: Discovering Tut: the Saga Continues WRITING:</p>	<p>Hornbill: Discovering Tut: the Saga Continues</p>	<p>Hornbill: The Laburnum Top (Poem) WRITING: Poster Writing</p>		<p>Make notes from various resources for the purpose of developing the extracted ideas into sustained pieces of writing</p>

		<p>Long Writing task: Speech</p> <p>GRAMMAR: Sentence reordering Reading Comprehension- case-based passage</p>	<p>WRITING: Poster Writing</p> <p>GRAMMAR: Sentence reordering</p> <p>Reading Comprehension- Note Making</p>	<p>GRAMMAR: Clauses</p> <p>Reading Comprehensi on-Note Making</p>		<p>Respond to literary texts, appreciate and analyse special features of languages</p> <p>Understand the writer's purpose, tone and themes</p> <p>Ability to arrive at a deeper understanding of not only the world presented in the book but also of the real world around them</p>
MATHEMATICS	<p>Introduction, Measures of Dispersion, Mean deviation about mean, Mean deviation about median. Mean deviation about mean for continuous frequency distribution, Short cut method for calculating mean</p>	<p>Mean deviation about median for continuous frequency distribution, Variance, Standard deviation of a discrete frequency distribution.</p>	<p>Introduction, Complex Numbers, Algebra of Complex Numbers, Power of i, The square root of a negative real number. The Modulus and the Conjugate of a Complex Number, Quadratic Equations</p>	<p>Introduction, Inequalities, Algebraic Solutions of Linear Inequalities in One Variable and their Graphical Representation, Solution of System of Linear Inequalities in Two Variables</p>		<p>Understands how to measure the mean deviation about the mean for discrete/continuous frequency distribution. Understands how to measure the standard deviation of ungrouped data. Understand how to use the Linear inequality concept in real life.</p>

	deviation about mean.					
PHYSICS	<p>CHAPTER; 4 LAWS OF MOTION Intuitive concept of force. Inertia, Newton's first law of motion; momentum and Newton's second law of motion; impulse, Newton's third law of motion.</p>	<p>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</p>	<p>Chapter: 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. Motion in a vertical circle,</p>	<p>Elastic and inelastic collisions in one and two dimensions. Worksheet and exercise questions</p>	<p>Chapter-7: System of Particles and Rotational Motion 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.</p>	<ul style="list-style-type: none"> • Learners will be able to understand the Concept of force along all the three Newton's laws of motion. • Learners will be able to understand the Concept of concurrent forces and dynamics of circular motion • Learners will be able to understand the Concept of force along all the three Newton's laws of motion. • Learners will be able to understand the Concept of concurrent forces and dynamics of circular motion • Learners will be able to understand the concept of centre of mass and centre of gravity of a body.

		banked road). Exercise and Worksheet				
CHEMISTRY	Chapter 4 - Shapes of some simple molecules, Molecular orbital theory Unit VIII Redox Reactions Concept of oxidation and reduction, Redox reactions. Oxidation number, balancing redox reactions in terms of loss and gain of electrons.	Unit VIII Redox Reactions Applications of redox reactions.	Unit XII - Organic Chemistry - Some basic principles and techniques General introduction, Structural representation of organic compounds Classification and IUPAC nomenclature of organic compounds	Unit XII - Organic Chemistry - Positive and negative Resonance Electronic displacements in a covalent bond inductive effect, electromeric effect Homolytic and heterolytic fission of a covalent bond Free radicals, carbocations, carbanions, electrophiles and nucleophiles	Unit XII - Organic Chemistry - Some basic principles and technique Resonance and hyperconjugation	The student could identify the free radicals carbocations carbanions electrophiles and nucleophiles The student could understand the electronic effect resonance and hyperconjugation

<p>BIOLOGY</p>	<p>Chapter 2 : Structural Organization in Animals</p>	<p>Unit 4: Ch 13 : Photosynthesis in higher plants</p> <p>LAB : Plant and Animal specimens</p>	<p>Unit 4 : Chapter 14 : Respiration in plants</p>	<p>Unit 4 : Chapter 14 : Respiration in plants</p>	<p>Chapter 15 : Plant Growth and Development</p>	<p>-To make the learners understand the process of photosynthesis in depth. To recall, Photosynthesis as a means of autotrophic nutrition; site of photosynthesis, pigments involved in photosynthesis (elementary idea); photochemical and biosynthetic phases of photosynthesis.</p> <p>-To make the learners understand the process of Glycolysis, Fermentation.</p> <p>-To find the differences between aerobic and anaerobic respiration. Study in depth about the TCA cycle, ETS and oxidative phosphorylation.</p> <p>-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.</p>
<p>INFORMATICS PRACTICES</p>	<p>Introduction to List, creation, declaration, traversing a list Aliasing and comparing lists.</p>	<p>Operation on lists concatenation, repetition, membership testing</p>	<p>Indexing and slicing on list.</p>	<p>Built-in functions using list – len(),list(),append(),insert(),count(),index(),</p>	<p>Built-in functions using list – remove(), pop(), reverse(), sort(),min(), max(),sum()</p>	<p>Students will learn the syntax and implementation of different operations using operators of Lists, Different operations like concatenation , to check whether an element is a member etc., and Different built in functions on lists like append(),</p>

						insert() etc to make it more clear on the List operations
COMPUTER SCIENCE	Iterative construct types - for loop and while loop.	Types of Iterative constructs – range() function - Use of range() function in a loop	Revision on Flow of Control	Types of sequences in Python – Strings, Lists	Tuples and Dictionary - Strings - Introduction	Students will understand the concepts and syntax of using it, make them to realise the usage of loops ,Need to brief on different types of sequences using examples
ACCOUNTANCY	Journals with GST	Ledger: : Meaning, Uses. Ledger posting, balancing.	Ledger posting, balancing. Trial Balance	Journal, Ledger & Trial Balance	Subsidiary books: Cash Book	Impact of GST and calculation of GST. Reversal of GST and set off. Pass entries with GST. Meaning & format of ledger. Mechanics of posting. Difference between journal and ledger. Posting of transactions and ledger balancing. Solve problems on Journal and ledger. Comprehensive sums on ledgers. Purpose of preparing trial balance. Way of preparing trial balance. Meaning, Concept, Types of entry, Treatment of cheque. Concept of subsidiary books and classification of ledger. Concept of cash book. Types. Transactions recorded in CB.

<p>BUSINESS STUDIES</p>	<p>Public, private and global enterprises (contd.,)</p>	<p>Public, private and global enterprises (contd.) - Global enterprises and Joint Venture</p>	<p>Business services – meaning and types</p>	<p>Business Services - Banking Concept, Types of Banking Services and Accounts</p>	<p>Insurance Concept, Principles and Types</p>	<p>Identify and explain the features, merits and limitations of different forms of public sector enterprises Identify and explain the features, merits of Global enterprises and Joint Venture. Understand the meaning and types of business services. Develop an understanding of the different services provided by banks Understand Utmost Good Faith, Insurable Interest, Indemnity, Contribution, Doctrine of Subrogation and Causa Proxima as principles of insurance Discuss different types of insurance-life, health, fire, marine insurance</p>
<p>ECONOMICS</p>	<p>Stats: Organization of Data: Meaning, Types of variables, How to prepare a Frequency distribution with inclusive and exclusive class interval</p>	<p>Stats: Presentation of data: Introduction, Textual, Tabular presentation. Bar diagrams and Pie diagrams.</p>	<p>Stats: Presentation of data:(Contd): Frequency diagrams: histogram,</p>	<p>Stats: Presentation of data:(Contd): Frequency diagrams: , ogive, frequency polygon, frequency curve</p>	<p>Stats: Presentation of data:(Contd): Time Line Graph</p>	<p>The learners will learn to present data using tables. They will represent data using appropriate diagrams.</p>

<p>ENTREPRENEURSHIP</p>	<p>UNIT IV - AN ENTREPRENEURIAL JOURNEY</p> <p>1. why entrepreneurs are known as problem solvers?</p> <p>2. ways of idea generation.</p> <p>3. the role of global and Indian innovations in entrepreneurial ventures</p>	<p>use of technology. and digitization for new businesses</p> <p>Discuss the concept of social entrepreneurship</p> <p>Differentiate - between Entrepreneurship and Social Entrepreneurship - Need for social entrepreneurship</p> <p>Define the - characteristics of social entrepreneurship</p>	<p>WRITING NOTES</p>	<p>UNIT V - Understanding the Market (PART A & B)</p> <p>1. The concept of market and its evolution over the time</p> <p>2. the meaning and concept Of E-Business and E-Commerce.</p> <p>3. Its role in the modern day business community</p> <p>4. The Market Environment at Micro and Macro Level</p> <p>5. The concept of Market research</p>	<p>1. The market research process</p> <p>2. The steps involved in Market survey</p> <p>3. The importance of Market survey</p>	<p>Students will be able to:</p> <ol style="list-style-type: none"> 1. Understand the concept of the market and its evolution over the time. 2. Understand the meaning and concept of E-Business and E-Commerce. 3. Its role in the modern day business community. 4. Analyse the Market Environment at Micro and Macro Level. 5. Explain the techniques of Market Research and the instruments used in the same. 6. Appreciate the role of Market Survey as a source of collecting market information
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<p>MARKETING</p>	<p>Bases of Segmentation Meaning and types of targeting.</p>	<p>Selection Criteria for Targeting</p>	<p>Positioning: The battle for mind Define Positioning Describing the positioning Process</p>	<p>Identify bases for Positioning. Employability skills - Describe the significance of entrepreneurial ,Demonstrate the knowledge of attitudinal changes required to become an entrepreneur, Analyzing situation and planning action</p>	<p>Concept, importance of Marketing Mix</p>	<p>Students will learn the concept of Segmentation,its meaning and types of targeting. Students will learn the concept of positioning. Students will learn Employability Skills. Significance of entrepreneurial,Demonstrate the knowledge of attitudinal changes required to become an entrepreneur.</p>
<p>ENGINEERING GRAPHICS</p>	<p>Unit 3:Orthographic projections of regular solids - Introduction & explanation of four quadrants</p>	<p>Projection of points and lines</p>	<p>Different views of object in orthographic projection</p>	<p>Projection of points and lines in the first and third angle method of projection.</p>	<p>Introduction to orthographic projection of Regular solids.</p>	<p>Recognises and draws the projection of points and lines in different angle methods</p>
<p>PSYCHOLOGY</p>	<p>Chp 4:- Human Development Meaning of Development Life-Span</p>	<p>Human Development Factors Influencing Development</p>	<p>Developmental Stages Prenatal Stage Infancy</p>	<p>Gender and Sex Roles Challenges of Adolescence</p>	<p>Overview of Adulthood and Old age</p>	

	Perspective on Development Growth, Development,	Context of Development	Childhood			
PHYSICAL EDUCATION	Unit 5 Physical Fitness, Wellness, and Lifestyle 1. Meaning & importance of Wellness, Health, and Physical Fitness. 2. Components/Dimensions of Wellness, Health, and Physical Fitness 3. Traditional Sports & Regional Games for promoting wellness	4. Leadership through Physical Activity and Sports 5. Introduction to First Aid – PRICE	Unit 6 Test, Measurement & Evaluation 1. Define Test, Measurements and Evaluation. 2. Importance of Test, Measurements and Evaluation in Sports.	3. Calculation of BMI, Waist – Hip Ratio, Skin fold measurement (3-site)	4. Somato Types (Endomorphy, Mesomorphy & Ectomorphy) 5. Measurements of health-related fitness	Explain wellness and its importance and define the components of wellness. Classify physical fitness and recognize its importance in life. Distinguish between skill related and health-related components of physical fitness. Illustrate the different steps used in first aid - PRICE. Define the terms test, measurement, and evaluation, Differentiate norm and criterion referenced standards, Differentiate formative and summative evaluation, Differentiate between Endomorphy, Mesomorphy & Ectomorphy h describe the procedure of Anthropometric
SOCIOLOGY	Unit 4: Western Sociologists Karl Marx	Unit 4: Western Sociologists Marx & Durkheim	Unit 4: Western Sociologists Max Weber	Unit 5: Culture & Socialization Introduction		To understand the contributions of Karl Marx, Durkheim & Weber to Sociology

	<p>To understand the contributions of Karl Marx, to Sociology</p> <p>types of societies (stages),</p>	<p>To understand the contributions of Durkheim to Sociology</p> <p>class struggle & alienation</p> <p>Division of Labour, meaning of social facts</p>	<p>To understand the contributions of Max Weber</p> <p>meaning of Interpretive Sociology & Weber's idea of Ideal Types, Bureaucracy</p>			<p>To analyze types of societies (stages), class struggle</p> <p>To learn about the meaning and types of alienation</p> <p>To analyze the meaning of social fact</p> <p>To learn about Durkheim's idea of Division of Labour in Society</p> <p>To analyze the meaning of Interpretive Sociology</p> <p>To learn about Weber's idea of Ideal Types, Bureaucracy</p>
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	<p>Indian School Wadi Kabir</p> <p>Class: XI</p> <p>ISWK SHARING KNOWLEDGE</p> <p>(Monthly Plan - September 2023)</p>					
SUBJECTS	Week - 1	Week - 2	Week - 3	Week - 4	Week - 5	Learning Outcomes
ENGLISH	Hornbill:	Hornbill:	REVISION FOR ASSESSMENT 1	ASSESSMENT 1	ASSESSMENT 1	Ability to arrive at a deeper understanding of not only the

	<p>The Voice of the Rain (Poem) WRITING: Poster Writing</p> <p>GRAMMAR: Clauses</p> <p>Reading Comprehension-Note Making</p>	<p>The Voice of the Rain (Poem) WRITING: Poster Writing</p> <p>GRAMMAR: Clauses</p> <p>Reading Comprehension-Note Making</p>				<p>world presented in the book but also of the real world around them</p> <p>Draft a Poster effectively and appropriately</p> <p>Use grammatical structures accurately and appropriately</p>
MATHEMATICS	<p>Introduction</p> <p>Fundamental Principle of Counting. Permutations</p> <p>Permutations when all the objects are not distinct</p>	<p>Practice problems on permutation. Combinations,</p> <p>Practice problems on Combinations.</p>	Revision for Assessment 1	Revision for Assessment 1	Revision for Assessment 1	<p>Gets familiar with the general term in binomial expansion</p> <p>Gets familiar with middle term in binomial expansion when number of terms are even/odd</p> <p>Get familiar of pth term from the end</p> <p>Computes simple application problems using binomial theorems</p>
PHYSICS	<p>Moment of a force, torque, angular momentum, law of conservation of angular momentum and its applications. Equilibrium of rigid</p>	<p>REVISION FOR ASSESSMENT 1</p>	ASSESSMENT 1	ASSESSMENT 1	ASSESSMENT 1	<ul style="list-style-type: none"> Learners will be able to understand the Concept of Rotational Dynamics and equations of motion for rotating bodies.

	bodies, rigid body rotation and equations of rotational motion, comparison of linear and rotational motions. Moment of inertia, radius of gyration, values of moments of inertia for simple geometrical objects (no derivation). Worksheet and exercise questions					<ul style="list-style-type: none"> Learners will be able to understand the Analogy between Kinematics and Rotational Dynamics
CHEMISTRY	Purification and Identification of organic compounds	Revision for Assessment 1	Assessment 1	Assessment 1	Assessment 1	The student could identify the qualitative and quantitative aspects of organic compounds

<p>BIOLOGY</p>	<p>Chapter 15 : Plant Growth and Development. LAB : TYPES OF INFLORESCENCE</p>	<p>Unit 5 : Chapter 17 : Breathing and Exchange of Gases</p>	<p>Unit 5 : Chapter 17 : Breathing and Exchange of Gases LAB : TS OF DICOT AND MONOCOT STEM AND ROOT</p>			<p>-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.</p> <p>-To study the Respiratory organs in animals (recall only); Understand the Respiratory System in humans, mechanism of breathing and transport of gases in human body.</p>
<p>INFORMATICS PRACTICES</p>	<p>Dictionary: concept of key-value pair, creating, initializing, traversing, updating and deleting elements</p>	<p>Dictionary methods and built-in functions – dict(), len(), keys(), values(), items(), update(), del(), clear().</p>	<p>Revision, Assessment1</p>	<p>Revision, Assessment1</p>	<p>Revision, Assessment1</p>	<p>Students will understand the syntax and implementation of different operations using operators of Dictionaries, What is Dictionary and why it is used, to write the programs using Dictionary and know their operations and when to use them in the program. Also they will learn the different function on dictionary programs where built in functions are used</p>
<p>COMPUTER SCIENCE</p>	<p>Strings: Traversing and compare – string operators - concatenation and</p>	<p>Strings: String Methods – String slices - Writing</p>	<p>Revision, Assessment1</p>	<p>Revision, Assessment1</p>	<p>Revision, Assessment1</p>	<p>Students will understand the syntax and implementation of different operations using operators of strings, Different</p>

	replication of strings	programs using strings				operations on strings like slicing, use of these in programs and to make them more clear on the string operations
ACCOUNTANCY	Petty Cash Book.	Other Subsidiary books: Purchase and Sales Book	Revision Assessment I	Assessment I	Assessment I	Purpose of a petty cash book. Types of transactions recorded in PCB. System of petty cash book and maintenance of cash float. Types of subsidiary books and types of transactions to be recorded in purchase and sales books.
BUSINESS STUDIES	Emerging modes of business - Introduction	Emerging modes of Business: Concept, Scope, Benefits and differences	Revision Assessment I	Revision Assessment I	Revision Assessment I	Give the meaning of e-business. Discuss the scope of e-business. Appreciate the benefits of e-business Distinguish e-business from traditional business Give the meaning of e-business. Discuss the scope of e-business. Appreciate the benefits of e-business Distinguish e-business from traditional business
ECONOMICS	Stats:	Stats:	Revision Assessment I	Revision Assessment I	Revision Assessment I	a. understands the need for summarising a set of data by one

	Measures of Central Tendency: Mean	Measures of Central Tendency: Median, Mode				single number. b. draws meaningful conclusions from a set of data.c. develops and understands which type of average would be the most useful in a particular situation
ENTREPRENEURSHIP		UNIT V - Understanding the Market (PART A & B) Writing notes	REVISIONS	ASSESSMENT 1	ASSESSMENT 1	
MARKETING	Fundamentals of Marketing Mix components	Fundamentals of Marketing Mix components – Service Sector and Consumer Goods Features of Marketing mix	Developing Marketing Mix Importance of Marketing Mix	ASSESSMENT 1	ASSESSMENT 1	Students will learn the Fundamentals of Marketing Mix Components. Also they will learn about the Service Sector and Consumer Goods. Students will also understand the Features of Marketing mix.
ENGINEERING GRAPHICS	Solids with axis perpendicular to HP	Solids with axis at right angles to VP & Revision for Assessment 1	ASSESSMENT 1 STARTS ON 17TH SEPTEMBER	ASSESSMENT 1	ASSESSMENT 1	Drawing practice of three dimensional solids with axis perpendicular/ parallel to HP and VP

PSYCHOLOGY	<p>Conditioning- Classical and Instrumental Determinants Learning Types Association, Skill Verbal Learning - Paired associate, Serial</p>	<p>Learning Principles Reinforceme nt, Aversive Therpay</p>	<p>ASSESSMENT 1 STARTS ON 17TH SEPTEMBER</p>	<p>ASSESSMENT 1</p>	<p>ASSESSMENT 1</p>	<p>Learners will be able to;- Elaborate on Nature and process of learning *Describe Conditioning and types with determinants</p>
PHYSICAL EDUCATION	<p>Unit 7 Fundamentals of Anatomy, Physiology in Sports 1. Definition and importance of Anatomy and Physiology in Exercise and Sports.</p>	<p>2. Functions of Skeletal System, Classification of Bones, and Types of Joints. 3. Properties and Functions of Muscles.</p>	<p>4. Structure and Functions of Circulatory System and Heart. 5. Structure and Functions of Respiratory System.</p>	<p>ASSESSMENT 1</p>	<p>ASSESSMENT 1</p>	<p>Identify the importance of anatomy and physiology. Recognize the functions of the skeleton. Understand the functions of bones and identify various types of joints.Understand the anatomy of the respiratory system and describe it's working. Identify and analyses the layout and functions of Circulatory System.</p>

<p>SOCIOLOGY</p>	<p>Unit 5: Culture & Socialization</p> <p>To explore concept of culture, types and related concepts</p>	<p>Unit 5: Culture & Socialization</p> <p>To explore socialization, agencies and related concepts</p>	<p>Revision (Unit 4&5)</p>	<p>Revision for Mid term exams</p>		<p>To understand the meaning of Culture</p> <p>To analyze the 3 aspects of Culture: Material, Normative & cognitive</p> <p>To learn about concepts related to culture e.g Cultural Relativism, ethnocentrism etc</p> <p>To understand how culture influences and operates in everyday life</p> <p>To understand the meaning of Socialization</p> <p>To analyze the different agencies of socialization</p> <p>To learn about concepts related to socialization e.g re-socialization etc</p> <p>To understand how socialization impacts our lives</p> <p>To successfully answer OTQ's and STQ's on the topic</p>
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<p style="text-align: center;">Indian School Wadi Kabir Class: XI ISWK SHARING KNOWLEDGE (Monthly Plan - October 2023)</p>						
SUBJECTS	Week - 1	Week - 2	Week - 3	Week - 4	Week - 5	Learning Outcomes
ENGLISH	<p>Hornbill: The Adventure(Prose)</p> <p>WRITING: Debate Writing</p> <p>GRAMMAR: Transformation of sentences</p> <p>Reading Comprehension-Note Making</p>	<p>Hornbill: The Adventure(Prose)</p> <p>WRITING: Debate Writing</p> <p>GRAMMAR: Transformation of sentences</p> <p>Reading Comprehension-Note Making</p>	<p>Hornbill: Childhood (Poem)</p> <p>WRITING: Debate Writing</p> <p>GRAMMAR: Transformation of sentences</p> <p>Reading Comprehension-Note Making</p>	<p>Hornbill: Childhood (Poem)</p> <p>WRITING: Debate Writing</p> <p>GRAMMAR: Transformation of sentences</p> <p>Reading Comprehension-Note Making</p>	<p>Snapshots: Mother's Day (Play)</p> <p>WRITING: Debate Writing</p> <p>GRAMMAR: Transformation of sentences</p> <p>Reading Comprehension-case-based passage</p>	<p>Express opinions, facts, arguments in the form of speech, using a variety of accurate sentence structures</p> <p>Comprehend the difference between the literal and the figurative</p>
MATHEMATICS	Introduction	General & Middle terms,	Introduction Sequences Arithmetic progression.	Relationship Between A.M. and G.M		<p>identifies an arithmetic or geometric sequence.</p> <p>finds the formula for the nth term of an arithmetic sequence</p>

	<p>Binomial theorem for any positive integer n,</p> <p>Observations and some special cases of Binomial expansion</p>	Practice problems based on Binomial theorem	Problems based on AP Geometric Progression (G.P.)	Practice problems based on GP More practice question on AP & GP		<p>finds the formula for the nth term of a geometric sequence.</p> <p>proves a given sequence forms an arithmetic progression or a geometric progression</p> <p>determines a specified term of an arithmetic sequence</p> <p>Determines a specified term of a geometric sequence.</p> <p>generate or construct sequences from given recursive relationships</p>
PHYSICS	<p>Kepler's laws of planetary motion, universal law of gravitation.</p> <p>Acceleration due to gravity and its variation with altitude and depth.</p> <p>Gravitational potential energy and gravitational potential</p>	<p>Escape speed, orbital velocity of a satellite.</p> <p>Chapter–9: PROPERTIES OF BULK MATTER</p> <p>Elasticity, Stress-strain relationship, Hooke's law, Young's modulus, bulk modulus, shear modulus of rigidity,</p>	<p>Chapter–10: Mechanical Properties of Fluids</p> <p>Pressure due to a fluid column; Pascal's law and its applications (hydraulic lift and hydraulic brakes), effect of gravity on fluid pressure. Viscosity, Stokes' law, terminal velocity, streamline and turbulent flow, critical velocity</p>	<p>Bernoulli's theorem and its simple applications.</p> <p>Surface energy and surface tension, angle of contact, excess of pressure across a curved surface, Application of surface tension ideas to drops, bubbles and capillary rise.</p>	<p>chapter 11; THERMAL PROPERTIES OF MATTER</p> <p>Heat, temperature, thermal expansion. Thermal expansion of solids, liquids and gases, anomalous expansion of water.</p>	<p>Pupil would be able</p> <ul style="list-style-type: none"> ● To understand the Kepler's law of planetary motion and universal law of gravitation ● To apply the acquired knowledge to solve numericals ● To analyse and compare different modulus of elasticity ● To know elasticity and stress-strain relationship, poisson's ratio, elastic energy. ● To understand Pascal's law and its applications ● To analyse the concepts viscosity, Surface energy, surface tension.. ● To understand heat, temperature, Thermal expansion

		Poisson's ratio; elastic energy.				
CHEMISTRY	Unit XII - Hydrocarbons Alkanes- Nomenclature, physical and chemical properties	Alkenes - Nomenclature, structure of double bond (ethene), geometrical isomerism Physical properties, methods of preparation	Alkynes – Nomenclature , Structure of triple bond, Preparation, Chemical reactions: Chemical properties	Aromatic Hydrocarbons: IUPAC nomenclature, Resonance, Aromaticity, Carcinogenicity of Hydrocarbons	Unit - VI - Thermodynamics ; introduction of Thermodynamic terms	The student could explain Carcinogenicity and Toxicity in aromatic hydrocarbons The students will be able to 1.The concept of System and surroundings in thermodynamics and their types
BIOLOGY	LAB : Rate of Respiration	Unit 5 : Chapter 18: Body Fluids and Circulation LAB : TRANSPIRAT ION	Ch 18 : Body Fluids and Circulation LAB : TEST FOR STARCH, FAT AND PROTEIN	Ch 19 : Excretory Products and their Elimination LAB : FAMILY SOLANACEAE		-To learn about the Composition of blood, blood groups, coagulation of blood; composition of lymph and its function. Study and learn about the Human circulatory system. -To understand the overall human excretory system as a whole. -To understand the definition of ammonotelism, ureotelism, uricotelism. -To make the learners interested in the process of osmoregulation through videos and seminars.

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	Students will learn the concept of a database, Why a database, What is Database management system and its applications, relational data model, domain, relation, and different keys like candidate key, primary key and alternate key. Students will learn the uses of SQL and its data types, how to create a table, insert records into it and use select statements 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 – Methods –	Dictionary	Students will learn the syntax and implementation of different operations using operators of List, Different operations on lists like slicing, methods used in programs, the difference between lists and tuples, the syntax and implementation of different operations using operators of Dictionaries.
ACCOUNTANCY	Other Subsidiary books:Purchase and	Bank Reconciliation Statement:	Bank Reconciliation Statement	Depreciation: Meaning, Features, Need,	Creating provision for depreciation/accumulated depreciation	Prepare Purchase and Sales Book and ledger posting with GST. Able to Prepare Return books and ledger posting there on.

	Sales Book. Return Books			Causes, factors, Other similar terms: Depletion and Amortisation, Methods of Depreciation	Account. Treatment of disposal of asset	Meaning of BRS. Need and importance. Reasons of difference between CB and PB. Preparation of BRS. Creating provision for depreciation/accumulated depreciation account Treatment of disposal of asset.
BUSINESS STUDIES	Social Responsibility of Business and Business Ethics (Contd.) Sources of Business Finance : Meaning, types and importance of borrowed funds and owners funds	Borrowed fund	Small Business and Entrepreneurial Development	Intellectual Property Right, Process of ED	Role of Small Business in India, NSIC and DIC	Appreciate the role of business in environment protection Classify the various sources of funds into owners' funds. State the meaning of owners' funds State the meaning of borrowed funds. Discuss the concept of debentures, bonds, loans from financial institutions and commercial banks, Trade credit State the meaning of borrowed funds. Understand the concept and need of Entrepreneurship Development (ED), Intellectual Property Rights Understand the process of Entrepreneurship Development Discuss the role of small scale business in India with special reference to rural areas . Functions of NSIC and DIC
ECONOMICS	Micro: Producer Behaviour and Supply:	Micro: Producer Behaviour and	Micro:	Micro:	Micro:	a. The learner distinguishes between short run and long run.

	Meaning, Short run and Long run.	Supply:(Contd) TP, AP and MP, Returns to a factor.	Producer Behaviour and Supply:(Cont) Cost: TC, TFC, TVC, AC, AFC, AVC & MC -Meaning and their relationship	Producer Behaviour and Supply:(Cont) Revenue: TR and MR- Meaning and relationship	Producer Behaviour and Supply: (Contd): Supply: meaning, determinants, slope, movements and shifts of supply curve	<p>b. He is able to differentiate between basic concepts of production</p> <p>c. will be able to know how important is the concept of cost in the production process</p> <p>d. understands what is revenue and his role in production process</p> <p>e. understands the meaning of supply</p> <p>f. Learns about movements and shifts of the supply curve</p>
ENTREPRENEURSHIP	<p>UNIT V - Understanding the Market (PART C)</p> <p>1. the concept of marketing mix</p> <p>2. the concept of Total Offer</p> <p>3. the importance of Marketing Mix</p> <p>4. the components of Marketing Mix - Product mix</p>	<p>5. The components of Marketing Mix - Place and Distribution mix</p> <p>a. Distribution channels</p> <p>b. Modes</p> <p>6. Promotion Mix - Importance, tools</p>	<p>7. Price Mix - Factors, Types, Importance</p> <p>WRITING NOTES</p>	<p>WRITING NOTES</p> <p>UNIT - VI Business Finance and Arithmetic</p> <p>1. the concept of Unit sale, Unit cost, Unit Price, Gross Profit</p> <p>2. the concept of Cost, Expenditure and Expense</p>	<p>1. Types of Cost</p> <p>Startup Cost</p> <p>Calculation of Fixed Cost and Variable cost</p>	<ol style="list-style-type: none"> Understand the strategy of market expansion and development. Understand the elements of trade and commerce Explain the concept of marketing mix and the four P_s of marketing. Understand the concept, role and importance of Price. Explain the terms- Unit Cost, Unit of Sale, Unit Price Calculate Per Unit Cost of a single product Understand the concept of Break Even Analysis and compute it.
MARKETING	Marketing mix components – Service	Marketing mix components – Service Sector	Types of Marketing mix Marketing mix	Marketing mix for Services	Meaning and Constituents of Consumer Behaviour	Students will learn the marketing mix components of the service sector and consumer goods.

	Sector and Consumer Goods Newspaper Articles	and Consumer Goods (cont.)	for Consumer goods			
ENGINEERING GRAPHICS	Solids with axis parallel to both HP and VP	Unit 5: 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 with axis parallel to both HP and VP
PSYCHOLOGY	Chp 5. Sensory, Attentional and Perceptual Process Theories of Selective Attention ADHD Perceptual process	Attentional Process - Theories- Filter, Filter Attenuation	Socio –Cultural influences on Perception	Monocular & Binocular Cues, Perceptual Constancies Illusions	Chp 6- Learning Introduction Definition, Nature	Learners will be able to:- *Describe Sensory, Attentional and Perceptual Processes * Elaborate Monocular & Binocular Cues, *Give examples of Perceptual Constancies

<p>PHYSICAL EDUCATION</p>	<p>Unit 8 Fundamentals Of Kinesiology And Biomechanics in Sports</p> <p>1. Definition and Importance of Kinesiology and Biomechanics in Sports.</p>	<p>2. Principles of Biomechanics</p>	<p>3. Kinetics and Kinematics in Sports</p>	<p>4. Types of Body Movements - Flexion, Extension, Abduction, Adduction, Rotation, Circumduction, Supination & Pronation</p>	<p>5. Axis and Planes – Concept and its application in body movements</p>	<p>Understand Kinesiology and Biomechanics with their application in sports. 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.</p>
<p>SOCIOLOGY</p>	<p>Unit 6: Social change</p> <p>Types of social change with examples</p>	<p>Unit 6: Social Order in rural society</p>	<p>Unit 6: Social Order in urban society</p>	<p>Finalisation of Projects, checking surveys</p>		<p>To understand the meaning of Social Change</p> <p>To analyze the types of social changes (economic, environmental etc with examples)</p> <p>To understand how cultural change operates as a form of social change</p> <p>To understand the meaning of Social Order in rural areas, related concepts</p> <p>To understand the meaning of Social Order in urban areas, related concepts</p>

<p style="text-align: center;">Indian School Wadi Kabir Class: XI ISWK SHARING KNOWLEDGE (Monthly Plan - November 2023)</p>						
SUBJECTS	Week - 1	Week - 2	Week - 3	Week - 4	Week - 5	Learning Outcomes
ENGLISH	<p>Snapshots: Mother's Day (Play)</p>	<p>Hornbill: Silk Road WRITING: Debate Writing</p> <p>GRAMMAR: Transformation of sentences</p> <p>Reading Comprehension- case-based passage</p>	<p>Hornbill: Silk Road WRITING: Debate Writing</p> <p>GRAMMAR: Transformation of sentences</p> <p>Reading Comprehension- Note making</p>	<p>Snapshots: The Tale of Melon City (poem) WRITING: Debate Writing</p> <p>GRAMMAR: Transformation of sentences</p> <p>Reading Comprehension- Note making</p>	<p>Snapshots: The Tale of Melon City (poem) WRITING: Debate Writing</p> <p>GRAMMAR: Transformation of sentences</p> <p>Reading Comprehension- Note making</p>	<p>Skim for main ideas and scan for details, select and extract relevant information</p> <p>Develop the ability to be original and creative in interpreting opinion, develop the ability to be logically persuasive in defending one's opinion</p>
MATHEMATICS	<p>Introduction, Slope of a Line</p> <p>Angle between two lines,</p> <p>Various Forms of the Equation of a Line.</p>	<p>Practice problems on straight lines.</p> <p>General equation of a line</p> <p>Distance of a point from a line</p>	<p>Introduction, Sections of a Cone, Circle Problems on circle Parabola. Problems on Parabola Ellipse</p>	<p>Introduction Coordinate Axes and Coordinate Planes in Three Dimensional Space. Coordinates of a Point in Space. Distance between two points.</p>		<p>finds the slope of a line when angle of inclination is given</p> <p>identifies the slope of a line in terms of coordinates of any two points on it</p> <p>be familiar with condition of parallel lines and perpendicular lines in terms of slope</p> <p>uses slopes of lines to investigate geometric relationships,</p>

		More practice questions on straight line.	Problems on Ellipse. Hyperbola Problems on Hyperbola	Problems based on distance formula Section formula Practice questions on Section formula		including parallel lines, perpendicular lines
PHYSICS	Thermal expansion of solids, liquids and gases, anomalous expansion of water. specific heat capacity; Cp, Cv - 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 12; THERMODYNAMICS Thermal equilibrium and definition of temperature, zeroth law of thermodynamics, heat, work and internal energy.	First law of thermodynamics, Second law of thermodynamics, gaseous state of matter, change of conditions of gaseous state, isothermal, adiabatic, reversible, irreversible and cyclic process	Pupil would be able to <ul style="list-style-type: none"> ● To understand thermal expansions of solid liquid and gases ● To know the concept- specific heat capacity ● To identify and analyse different heat transfer modes ● To understand Blackbody radiation, Wein's displacement Law, Stefan's law ● To know the concepts temperature, thermal equilibrium, internal energy ● To understand and analyse the laws of thermodynamics
CHEMISTRY	Unit VI - Thermodynamics First law of thermodynamics - internal energy and enthalpy, Heat capacity and specific heat	Unit VI - Thermodynamics Second law of Thermodynamics, Gibb's energy change for spontaneous	Unit IX -Equilibrium Dynamic equilibrium, Law of mass action, Equilibrium constant,	Unit IX -Equilibrium Ionization of polybasic acids Revision	Assessment 2	The student could explain different concepts of equilibrium viz., pH scale, ionic product of water, common ion effect, buffer solution

	Measurement of ΔU and ΔH Hess's law, Enthalpy of reactions	and non-spontaneous processes, Criteria for equilibrium Third law of thermodynamics	Factors affecting equilibrium Ionization of acids and bases			
BIOLOGY	Ch 19 : Excretory Products and their Elimination LAB : Stomata	Ch 19 : Excretory Products and their Elimination LAB : Paper chromatography.	Unit 5 : Chapter 20 : Locomotion and Movement	Locomotion and Movement LAB : Human Skeletal System and Joints	Revision for the earlier Chapters.	-To understand the disorders associated with the excretory system of humans. (Nephritis, dialysis and the process of introducing artificial kidney). -The different types of movement. Understanding the importance of Muscles in locomotion and movement. -To Understand and learn about the different joints and bones of the human skeletal system.
INFORMATICS PRACTICES	More on SQL Clauses - Between – IN – LIKE - ORDER BY	Data Definition: CREATE	Data Query: SELECT,	Data Manipulation: INSERT,	Revision	Students will learn to write queries using different clauses like between , in, like, to sort the records using order by clause. Students will learn to create

		DATABASE, CREATE TABLE, DROP, ALTER	FROM, WHERE with relational operators, BETWEEN, logical operators, IS NULL, IS NOT NULL	DELETE, UPDATE		database and table, the select statement and the different clauses
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	To write the programs using Dictionary and know their operations, the programs using nested loop and know their operations, the different modules and math functions and use them in coding
ACCOUNTANCY	Depreciation, Provisions & Reserves: Part disposal of an asset.	Rectification of Errors: Errors: classification	Rectification of Errors: Rectification entries. Suspense Account	Financial statements of Sole Proprietor: Meaning, objectives and importance; Revenue and Capital Receipts; Revenue and Capital Expenditure.	Preparation of Trading, Profit/loss A/c and Balance Sheet	Creating provision for depreciation/accumulated depreciation account Treatment of disposal of asset. Appreciate the method of asset disposal through the concerned accounts. Appreciate the need for creating reserves and also making provisions for events which may

	<p>Meaning, Difference and types of provision & reserves</p>	<p>Detection and rectification of errors.</p> <p>Rectification entries</p>		<p>Trading and Profit and Loss Account: Gross Profit, Operating profit and Net profit. Preparation. Balance Sheet:</p>		<p>belong to the current year but may happen in next year.</p> <p>Appreciate the difference between reserve and reserve fund.</p> <p>Understand the meaning of different types of errors and their effect on trial balance. Appreciate that errors may be committed during the process of accounting.</p> <p>Develop the skill of identification and location of errors and their rectification.</p> <p>Understand the concept of Suspense A/c. Pass entries to rectify errors and preparation of suspense A/c.</p> <p>The meaning of financial statements and the purpose of preparing financial statements.</p> <p>The meaning of gross profit, operating profit and net profit and develop the skill of preparing trading and profit and loss accounts. Understand the need for preparing a balance sheet. understand the technique of grouping and marshalling of assets and liabilities.</p> <p>Develop the skill of preparing trading and profit and loss account and Balance Sheet</p>
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BUSINESS STUDIES	Internal Trade - concept	WholeSale trade and Retail Trade	Types of Retailers - Itinerant Retailers and small shopkeepers	Types of Large scale Retailers - Departmental Stores	Types of Large scale Retailers - Chain Stores	State the meaning and types of internal trade. Appreciate the services of wholesalers and retailers. Services of Wholesalers and Retailers to manufacturers and owners To appreciate the concepts of small retailer - Itinerant Retailers and small shop-keepers Highlight the distinctive features, merits and demerits of departmental stores Highlight the distinctive features, merits and demerits of chain stores. Differentiate between Departmental Stores and Chain Stores
ECONOMICS	Micro: Producer Behaviour and Supply: (Contd): Price elasticity of supply: Meaning, Measurements of PES..	Micro: Producer Behaviour and Supply: (Contd): Increase and decrease in supply, contraction and expansion of supply.	Micro: Forms of Market: Perfect competition: Features and implications	Micro: Effects of shifts in demand and supply: Price Floor, Price ceiling	Micro: Effects of shifts in demand and supply: Price ceiling and black marketing Buffer stock: A tool of price floor	understands the working of market mechanisms in the economy recognises the features of perfect competition understands the effects of market forces
ENTREPRENEURSHIP	UNIT - VI Business Finance and Arithmetic	UNIT - VI Business	1. Material Resources	WRITING NOTES		Students will be able to:

	<p>1. Understanding the concept of BEP</p> <p>2. Calculation of BEP for a single product</p>	<p>Finance and Arithmetic</p> <p>1. Understand the concept of resource mobilization</p> <p>2. Understand the type of resources - Physical Resources</p> <p>3. Human Resources - Manning Table - Efficient utilization of HR - Selection of Personnel - How to procure</p> <p>4. Finance</p>	<p>2. Intangible Resources</p>			<ol style="list-style-type: none"> 1. Identify the different types of resources 2. Understand the selection process of human resources 3. State the meaning of fixed and working capital 4. Explain the factors of affecting working capital 5. Describe the meaning of capital structure 6. Explain the different sources of finance 7. Classify the business and industry 8. Identify the various sources for an entrepreneur
MARKETING	<p>Consumer Behaviours v/s Consumption Behaviour v/s Buyer Behaviour</p>	<p>Importance of studying Consumer Behavior</p>	<p>Factors affecting Consumer Buying Behaviour</p>	<p>Different roles played by consumer</p>	<p>GREEN SKILLS Understand the stages in the consumer decision making process</p>	<p>Students will understand consumer behaviour vs consumption, Behaviour vs Buyer Behaviour, its importance and the factors affecting consumer buying behaviour.</p>

<p>ENGINEERING GRAPHICS</p>	<p>Unit 6:Orthographic projection of simple machine blocks - Introduction & explanation of placing different views as per first angle method</p>	<p>Views of Machine block 1 to 5</p>	<p>Views of Machine block 6 to 10</p>	<p>Views of Machine block 11 to 15 & Revision for Assessment II</p>	<p>ASSESSMENT II STARTS ON 26TH NOVEMBER</p>	<p>Recognises and draws all the three views of the given machine blocks</p>
<p>PSYCHOLOGY</p>	<p>Chp 7:-Human Memory Introduction Nature of memory Information Processing Approach: The Stage Model Memory Systems: Sensory, Short Term and Long Term Memory Chunking</p>	<p>Levels of Processing Types of Long term Memory Long term Memory Classification Memory as a Constructive Process</p>	<p>Chp 8- Thinking Introduction, Mental processes- Reasoning- Inductive, Deductive</p>	<p>Creativity- Process, Barriers</p>	<p>Revision for Chp 7-8</p>	<p>Students will be able to: Understand the nature of memory Distinguish between different types of memory Explain how the contents of long-term are represented and organised Appreciate the constructive and reconstructive processes in memory Understand the nature and causes of forgetting Learn the strategies for improving memory</p>

<p>PHYSICAL EDUCATION</p>	<p>Unit 9 Psychology and Sports</p> <p>1. Definition & Importance of Psychology in Physical Education & Sports;</p>	<p>2. Developmental Characteristics at Different Stages of Development ;</p>	<p>3. Adolescent Problems & their Management; 4. Team Cohesion and Sports;</p>	<p>5. Introduction to Psychological Attributes: Attention, Resilience, Mental Toughness</p>	<p>Revision for the earlier Chapters.</p>	<p>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</p>
<p>SOCIOLOGY</p>	<p>Finalisation of Projects, checking surveys</p> <p>Unit 6: Social change and social order in rural and urban society notes and question bank</p>	<p>Revision of Unit 5,6</p>	<p>Revision of Unit 5,6</p>	<p>Revision of Unit 5,6</p>		<p>To understand the meaning of Social Change</p> <p>To analyze the types of social changes (economic, environmental etc with examples)</p> <p>To understand how cultural change operates as a form of social change</p> <p>To understand the meaning of Social Order in rural areas, related concepts</p> <p>To understand the meaning of Social Order in urban areas, related concepts</p>

Indian School Wadi Kabir

Class: XI

ISWK SHARING KNOWLEDGE

(Monthly Plan - December 2023)

SUBJECTS	Week - 1	Week - 2	Week - 3	Week - 4	Week - 5	Learning Outcomes
ENGLISH	Assessment II	Assessment II	Winter break	Winter break	Winter break	
MATHEMATICS	Assessment II	Assessment II	Winter break	Winter break	Winter break	
PHYSICS	Assessment II	Assessment II	Winter break	Winter break	Winter break	
CHEMISTRY	Assessment II	Assessment II	Winter Holidays	Winter Holidays	Winter Holidays	

BIOLOGY						
INFORMATICS PRACTICES	Assessment 2	Assessment 2				
COMPUTER SCIENCE	Assessment 2	Assessment2				
ACCOUNTANCY	Revision and Assessment 2	Assessment 2	WINTER VACATION	WINTER VACATION	WINTER VACATION	
BUSINESS STUDIES	ASSESSMENT 2	ASSESSMENT 2	WINTER BREAK	WINTER BREAK	WINTER BREAK	
ECONOMICS	Revision and Assessment 2	Revision and Assessment 2	WINTER BREAK	WINTER BREAK	WINTER BREAK	
ENTREPRENEURSHIP						

MARKETING	ASSESSMENT II	ASSESSMENT II	WINTER BREAK	WINTER BREAK	WINTER BREAK	
ENGINEERING GRAPHICS	ASSESSMENT II	ASSESSMENT II	WINTER BREAK	WINTER BREAK	WINTER BREAK	Recalls all the topics related for Assessment II
PSYCHOLOGY	ASSESSMENT 2	ASSESSMENT 2	WINTER BREAK	WINTER BREAK	WINTER BREAK	
PHYSICAL EDUCATION	ASSESSMENT 2	ASSESSMENT 2	WINTER BREAK	WINTER BREAK	WINTER BREAK	
SOCIOLOGY	ASSESSMENT II	ASSESSMENT II	WINTER BREAK	WINTER BREAK	WINTER BREAK	

Indian School Wadi Kabir

Class: XI

ISWK SHARING KNOWLEDGE

(Monthly Plan - January 2024)

SUBJECTS	Week - 1	Week - 2	Week - 3	Week - 4	Week - 5	Learning Outcomes
ENGLISH	<p style="text-align: center;">Hornbill: Father to Son (poem)</p> <p style="text-align: center;">WRITING: Classified advertisements</p> <p style="text-align: center;">GRAMMAR: Integrated Grammar exercises</p> <p style="text-align: center;">Reading Comprehension- unseen passage</p>	<p>Hornbill: Father to Son (poem)</p> <p>WRITING: Speech Writing</p> <p>GRAMMAR: Integrated Grammar exercises</p> <p>Reading Comprehension- unseen passage</p>	<p>Snapshots: Birth (prose)</p> <p>WRITING: Poster Writing</p> <p>GRAMMAR: Integrated Grammar exercises</p> <p>Reading Comprehension- Note-making</p>	<p>Snapshots: Birth (prose)</p> <p>WRITING: Debate Writing</p> <p>GRAMMAR: Integrated Grammar exercises</p> <p>Reading Comprehension- case-based passage</p>	<p>Snapshots: Birth (prose)</p> <p>WRITING: Classified advertisements</p> <p>GRAMMAR: Integrated Grammar exercises</p> <p>Reading Comprehension- unseen passage</p>	<p>Produce unified paragraphs with adequate details and support</p> <p>Use grammatical structures accurately and appropriately</p> <p>Develop ability and acquire knowledge required in order to engage in independent reflection and enquiry</p>

<p>MATHEMATICS</p>		<p>Introduction Intuitive Idea of Derivatives Limits Problems based on Limits Limits of Trigonometric Functions</p>	<p>Derivatives using first principle To find the derivative of a given function</p>	<p>Introduction Random Experiments Event Axiomatic Approach to Probability Problems based on Probability</p>		<p>understands the meaning of continuity of a function determines the continuity of a given function at a point when the function on both the sides of the given point is same determines the continuity of a given function at a point when the function on both the sides of the given point is different applies the algebra of continuous functions</p> <p>Identifies impossible events and sure events Identifies simple and compound events identifies mutually exclusive events identifies exhaustive events familiar with independent events, equally likely events, and complementary events.</p>
<p>PHYSICS</p>	<p>Winter Holidays</p>	<p>Chapter–13: Kinetic Theory Equation of state of a perfect</p>	<p>Chapter–14: Oscillations Periodic motion - time period, frequency, displacement as a function of time,</p>	<p>Chapter–15: Waves Wave motion: Transverse and longitudinal waves, speed of travelling wave, displacement relation for a</p>	<p>REVISION AND FINAL EXAM</p>	<p>Learners will be able to understand the Pressure exerted by a gas on the walls of the container. Learners will be able to understand the Concept and relation between different specific heat capacities.</p>

		<p>gas, work done in compressing a gas. Kinetic theory of gases - assumptions, concept of pressure. Kinetic interpretation of temperature; rms speed of gas molecules; degrees of freedom, law of equipartition of energy (statement only) and</p>	<p>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.</p>	<p>progressive wave, principle of superposition of waves, reflection of waves, standing waves in strings and organ pipes, fundamental mode and harmonics, Beats</p>	<p>Learners will be able to understand the Concept of Different forms of energy possessed by a body executing SHM with its mathematical analysis.</p> <p>Learners will be able to understand the Mathematical analysis of waves along its basic parameters (Amplitude , Frequency and Phase) Learners will be able to understand the concept of reflection of waves along with concept of harmonics</p>
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		application to specific heat capacities of gases; concept of mean free path, Avogadro's number.				
CHEMISTRY	Winter Holidays	Unit VII Equilibrium Ionisation of polybasic acids	Unit VII Equilibrium Ionisation of acids - Acid strength	Unit VII Equilibrium Concept of pH	Unit VII Equilibrium Solubility product common ion effect	The student could understand the concept of pH The student could calculate the solubility product
BIOLOGY	Ch 21 : Neural Control and Coordination LAB : Test for Urea, sugar, Bile salts and albumin in urine.	Ch 21 : Neural Control and Coordination	Ch : 22 : Chemical Coordination and Integration	Ch : 22 : Chemical Coordination and Integration	REVISION & FINAL EXAM	-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. -to introduce the learners to the Integration system and visceral nervous

						system; generation and conduction of nerve impulses.
INFORMATICS PRACTICES	-	Artificial Intelligence , Machine Learning, Natural Language Processing, Immersive experience (AR, VR)	Robotics, Big data and its characteristics, Internet of Things (IoT), Sensors, Smart cities, Block chain technology	Cloud Computing and Cloud Services (SaaS, IaaS, PaaS);	Grid Computing	Students will understand emerging trends which includes: Artificial Intelligence, Machine Learning, Robotics, Big Data and its characteristics ,Internet of things and Cloud Computing
COMPUTER SCIENCE		Digital Footprints Digital Society and Netizen: net etiquettes, communication etiquettes, social media etiquettes Data Protection:	Social networking sites - Twitter, LinkedIn, and Facebook and specific usage Rules - Safely accessing web sites: adware, malware, viruses, trojans	Intellectual Property Rights, Plagiarism, digital rights management and licencing, open source, open data, privacy, privacy laws, fraud,	Cyber-crime, phishing, illegal downloads, child pornography, scams, cyber forensics, IT Act 2000, Technology and Society	Students will understand the Cyber law ,safety and protection, Social networking sites - Twitter, LinkedIn, and Facebook and specific usage Rules - Safely accessing web sites: adware, malware, viruses, trojans, Intellectual Property Rights, Plagiarism, digital rights management and licencing, open source, open data, privacy, privacy laws, fraud, cyber-crime, phishing, illegal downloads, child pornography, scams, cyber

						forensics, IT Act 2000, Technology and Society
ACCOUNTANCY	WINTER VACATION	Preparation of Financial Statement. (with adjustments)	Preparation of Financial Statement. (with adjustments)	Preparation of Financial Statement. (with adjustments) Incomplete Records & Single entry: Features, reasons and limitations.	Ascertainment of Profit/Loss by Statement of Affairs method.	Adjustments in preparation of financial statements with respect to closing stock, outstanding expenses, prepaid expenses, accrued income, income received in advance. Adjustments for depreciation, bad debts, provision for doubtful debts, provision for discount on debtors, Abnormal loss. Adjustments for Goods taken for personal use/staff welfare, interest on capital and managers commission. Understand the meaning of single entry, advantages and disadvantages. Ascertainment of capital and determination of profit or loss
BUSINESS STUDIES	Internal Trade - concept	WholeSale trade and Retail Trade	Types of Retailers	International trade- Export trade	International trade- Import trade and WTO	State the meaning and types of internal trade. Appreciate the services of wholesalers and retailers. Services of Wholesalers and Retailers to manufacturers and owners To appreciate the concepts of small retailer - Itinerant Retailers and small shop-keepers, Merits, demerits and differences between departmental stores and chain stores

						<p>To explain the meaning and merits of international business.</p> <p>To explain the process of export</p> <p>To understand the meaning of import trade and explain the process of import trade. To explain the objectives of WTO</p>
ECONOMICS		<p>Stats: Correlation: Meaning and properties Scatter diagram</p>	<p>Stats: Correlation: (Contd) . Measures of Correlation- Karl Pearson's Correlation Spearman's Rank correlation</p>	<p>Stats: Index Numbers: Meaning, Its uses. Types: Wholesale price index, Consumer's price index.</p>	<p>Stats: Index Numbers: Industrial production index numbers, Inflation and Index numbers</p>	<p>learns the properties, meaning of correlation analyses the degree and direction of the relationships Can solve numericals on Pearson and spearman's rank correlation understands the meaning of the term index number. Learns the different types of index numbers and their relevance.</p>
ENTREPRENEURSHIP						
MARKETING						
ENGINEERING GRAPHICS	WINTER BREAK	Unit 6: Isometric Projection - introduction & Constructio	Isometric projection of square, triangle, rectangle	Isometric projection of pentagon, hexagon in both conditions (kept in HP and VP)	Isometric projection of circle using four centre methods in HP and VP.	Understand and analyses the constructive methods of isometric projections of plane laminas in various conditions

		n of isometric scale				
PSYCHOLOGY	<p>Chp-9: Motivation & Emotion</p> <p>Theories of Motivation Biological & Psycho Social Motives</p>	Annual Practicals	Theories Emotion- Scachter & Singer ; Cannon Bard,	Conflicts	REVISION	<p>Learners will be able to</p> <p>*Compare between Biological & Psycho Social Motives</p> <p>*Enlist Hierarchy of Motives</p>
PHYSICAL EDUCATION	<p>Unit 10 Training & Doping in Sports</p> <p>1. Concept and Principles of Sports Training 2. Training Load: Over Load, Adaptation, and Recovery</p>	3. Warming-up & Limbering Down – Types, Method & Importance	4. Concept of Skill, Technique, Tactics & Strategies	5. Concept of Doping and its disadvantages	REVISION	<p>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.</p>

<p>SOCIOLOGY</p>		<p>Unit 7: Indian Sociologists</p> <p>Ghurye on Caste and Race</p> <p>A.R. Desai on the state</p>	<p>Unit 7: Indian Sociologist</p> <p>D.P Mukherjee on Tradition and Modernity</p>	<p>Unit 7: Indian SociologistS</p> <p>M.N Srinivas on village studies and dominant caste</p>	<p>REVISION</p>	<p>To learn about the two accidental anthropologists- L.K Ananthakrishna & Sarat Chandra Roy</p> <p>To learn about G.S Ghurye and his contribution to Indian Sociology</p> <p>To learn about A. R. Desai, D.P Mukherjee and their contribution to Indian Sociology</p> <p>To learn about the contributions of M.N. Srinivas to Indian Sociology</p> <p>To learn about A. R. Desai, D.P Mukherjee and their contribution to Indian Sociology</p> <p>To successfully answer OTQ's and STQ's on the topic</p>
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