

Indian School Wadi Kabir

ISWK SHARING KNOWLEDGE (Monthly Plan - April 2025)

class XI

Subjects	Week - 1	Week - 2	Week - 3	Week - 4	Week - 5	Learning Outcomes
English		BRIDGE COURSE - Worksheets for Comprehension, Grammar and Vocabulary	Hornbill: The Photograph (poem) GRAMMAR: Tenses Reading	WRITING: Classified Advertisements GRAMMAR: Tenses	Comprehension- unseen passage	RECALL of Vocabulary, Grammar and Comprehension -to perceive meaning and organisation of the text -using appropriate Writing formats and fluency, inference, analysis and creativity -Ability for deeper understanding of the text and the real world around them -Draft advertisements -Use grammatical structures
Mathematics		Bridge Course- Worksheets based on BODMAS Rule, fractions, Statistics, Trigonometry etc.	Bridge Course Contd. Sets:- Definition, types of sets.	Sets: Operations on sets, Subsets, Venn diagram, complement of a set	Sets: De- morgan's law and distributive property	Recalls basic operations Recognizes properties, identities and theorems. Identifies sets and operations on sets. Apply the properties of sets in real life situations.

	BRIDGE COURSE Rest and Motion.Equati ons of motion, Graphs, Scalar and vector quantities, physical quantities,units ,conversions Newton's three laws of motion, Inertia,momentu m, Types of work, energy, power, Universal law of gravitation. Acceleration due to gravity	Chapter—2: Motion in a Straight Line: Frame of reference, Motion in a straight line, Elementary concepts of differentiation and integration for describing motion, uniform and non-uniform motion.	instantaneous velocity, uniformly accelerated motion, velocity - time and position-time graphs.	Relations for uniformly accelerated motion (graphical treatment) worksheet and exercise questions Chapter—3: Motion in a Plane: Scalar and vector quantities; position and displacement vectors, general vectors and their notations;	Learners will understand the fundamental concepts of motion, including rest, equations of motion, motion graphs, scalar and vector quantities, and their real-life applications. Learners will develop the ability to identify physical quantities, use appropriate SI units, and perform basic unit conversions to solve simple physics problems. Learners will understand motion in a straight line with respect to a frame of reference, and distinguish between uniform and non-uniform motion.
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Chemistry	Bridge course Chapter 1- Some basic concepts of Chemistry Introduction to Chemistry and its Importance.La ws of chemical combination	Mole concept, Empirical and Molecular Formulas, Stoichiometry basics	Stoichiometri c Calculations	Chapter -2 - Structure of Atom Bohr's Model of the Atom	Students will be able to demonstrate a clear understanding of the fundamental concepts of Chemistry, including the significance of chemical laws, the application of the mole concept in calculations, and the ability to describe atomic structure as per Bohr's model. They will engage in problem-solving and critical thinking through practical applications and assessments.
Biology	BRIDGE COURSE Chapter-8 Cell: The Unit of Life, Cell theory, Organelles of prokaryotic cell and eukaryotic cell.	Chapter 10-Cell cycle and Cell DivisionDiffere nt Phases and the process in different phases of cell division. Introduction to various stages in mitosis.	Chapter 10-Cell cycle and Cell Division, Mei osis and mitosis in cells. Meiosis 1 and 2.	Chapter-9 Biomolecules, Compositions of different lipids, proteins.	Learners will be able to recall the different organelles. They will be able to distinguish between mitosis and meiosis. They will learn the compositions of different lipids, proteins. Formation of ES complex.Enzyme substrate complex and product

						formation.
Informatics Practices	Introduction to computer and computing	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.Softwa re: purpose and types – system and application software, generic and specific purpose software	Basics of Python Programming – Variables - Data types – Operators, Expressions	Conditional statements	Students will learn the evolution of computing devices, Students will learn the different types of memory and their uses. They will learn how to recover lost data and different security measures Students will understand the purpose of software and they learn about generic and specific purpose software

Syste Orga n – Desc of Com Syste Mob Syste Type	scription System mputer stem -	Boolean Logic – Basic Concepts of Flowchart - Computational Thinking and Programming – Features of Python	interactive mode and script mode, Python character set, Python tokens(keyword, identifier, literal, operator, punctuator), variables, concept of l-value and r-value	Comments – Notion of a Variable - Data Types and Operators Operator Types – Python Program creation – IDLE mode and Script mode	Each student know the basics of the computer system and types of softwares used The basics of computer system and logical gates, Algorithm and flow charts, basics of any programming language
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ACCOUNTANCY	Introduction to Accounting. Meaning and	Types of accounting information.	Basic Accounting Terms	Accounting Standards: Applicability	Meaning, significance, objectives,
	features of	Users of	Accounting	of Accounting	advantages and
	Book keeping	accounting	terminologies	Standards	limitations of
	and	information and	terminologies	(AS) and	accounting in the
	accounting.	their needs.	Theory Base	Indian	modem economic
	accounting.	Qualitative	of	Accounting	environment with
		Characteristics	Accounting:	Standards	varied types of
		of Accounting	Fundamental	(IndAS)	business and non-
		Information.	accounting	(maris)	business economic
		Role of	assumptions:	Basis of	entities. identify /
		Accounting in	GAAP:	Accounting:	recognise the
		Business.	Concept.IFRS	cash basis and	individual(s) and
				accrual	entities that use
				basis.Source	accounting
				Document	information for
					serving their needs
					of decision making.
					explain the various
					terms used in
					accounting and
					differentiate
					between different
					related terms like
					current and non-
					current, capital and
					revenue. Terms like
					business
					transaction,
					liabilities, assets,
					expenditure and
					purchases.
					Sales/purchases
					include both cash
					and credit
					sales/purchases

			relating to the
			accounting year.
			the meaning of
			accounting
			assumptions and
			the situation in
			which an
			assumption is
			applied during the
			accounting process.
			The meaning,
			applicability,
			objectives,
			advantages and
			limitations of
			accounting
			standards.
			Appreciate that
			various accounting
			standards
			developed
			nationally and
			globally are in
			practice for
			bringing parity in
			the accounting
			treatment of
			different items.
			the concept of
			accounting
			equation and
			appreciate that
			every transaction
			affects either both
			the sides of the
			equation or a
			positive effect on
1	l .		

					one item and a negative effect on another item on the same side of accounting equation. The effect of a transaction on the assets, liabilities, capital, revenue and expenses.
BUSINESS STUDIES	UNIT-I Nature and Purpose of Business(Busin ess Trade and Commerce) Business Concept, types and differences	Objectives, Role of Profit, IndustryComme rce and types, Trade and Auxiliaries toTrade	UNIT-II Forms of Business Organisation	HUF, and Cooperative Societies	To acquaint the History of Trade and Commerce in India Meaning of business with special reference to economic and noneconomic activities. •The characteristics of business Understand the concept of business, profession and employment. • Differentiate between business, profession and employment. The economic and

					social objectives of business. The role of profit in business Understand the broad categories of business activities- industry and commerce. Discuss the meaning of commerce, trade and auxiliaries to trade. • Discuss the meaning of different types of trade and auxiliaries to trade. • The role of commerce- trade and auxiliaries to trade.
ECONOMICS	Meaning, scope, functions and importance of statistics in economics	Collection of data: Meaning, sources of data. Sampling and Non-sampling errors, methods	Methods of Sampling. Census of India and NSSO	Organization of Data Meaning, Types of variables How to prepare a Frequency distribution.	Understand how economics is linked with economic activities in consumption, production, and distribution. Understand how knowledge of

		of collecting data.			statistics helps in describing the activities of the economy. Define the meaning of the collection of data. Distinguish between primary and secondary sources. Explain and compare the various methods of sampling. Explain the functions of Census of India and NSSO. Organise raw data for any further analysis. Construct a table with all required information for easy comparison & analysis.
ENTREPRENEURSHIP	Unit 1: ENTREPRENEUR SHIP - CONCEPT & FUNCTIONS INTRODUCING THE SUBJECT - The concept of	The need for entrepreneurshi p for the nation. Myths of entrepreneurshi p Advantages and Limitations of	Discuss the steps in the process of Entrepreneur ship Writing Notes	UNIT - II AN ENTREPRENE UR Types of Entrepreneurs	After studying this lesson the students will be able to: Understand the concept of Entrepreneurship Explain the functions of

	Entrepreneurshi p The functions of an Entrepreneur	entrepreneurshi p			Entrepreneurship Appreciate the need for Entrepreneurship in our economy State the myths, advantages and disadvantages of Entrepreneurship Describe the process of Entrepreneurship
MARKETING	EMPLOYABILIT Y SKILLS – CHP 1: COMMUNICAT ION SKILLS 1. Introduction to communicatio n 2. Importance of communicatio n 3. Elements of communicatio n 4. Perspectives/ Barriers in communicatio n	Non - verbal Communication - types Visual Communication 6. Communication Styles 7. Refusal Skills	SUBJECT SPECIFIC SKILLS – UNIT 1 INTRODUCTI ON TO MARKETING 1. Introduction to Concept and Definition Of Marketing 2. Marketing Concepts 3. Objectives of Marketing 4. Scope and Importance of Marketing Importance to the Marketers	Importance to Customers Importance to Society 5. Marketing Philosophy 6. Marketing vs Selling	Students will be able to learn communication styles and nuances. They will have clarity on establishing strong communication skills. They will also be able to learn the basics of Marketing and understand its evolution and importance to modern day business

		Factors Affecting Perspectives in communicatio n 5. Effective communicatio n Verbal Communicatio n Public Speaking				
ENGINEERING GRAPHICS	Bridge course- Introductio n to the new subject Engineering Graphics.	Preliminary Contents of Engg.Graphics like Drawing instruments,size and shape of drawing sheet.	Layout of drawing sheet and title block construction with proper measurements.	Unit 1 : Rectilinear Figures Definitions Bisection and construction of angle.	Unit 1 :Rectilinear figures Types of lines Bisection of lines Types of triangles	Students will recall the concepts of bisection and construction of angles from earlier classes.
PSYCHOLOGY	Tentative Eid Holidays	Unit 1: General Introduction and Overview of Subject and Gr.11 Syllabus. Chp 1:- What	Evolution of Psychology Development of Psychology in India	Branches of Psychology (continued)	Psychology and other Disciplines Psychology in Everyday life	Learners will be able to;- *Develop a basic idea about the nature of Psychology

	is Psychology? Introduction Unit 1: What is Psychology? Psychology as a Discipline, Natural Science and Social Science Understanding Mind and Behaviour	Branches of Psychology			*Understand various aspects of the Discipline *Enlist and describe various branches of Psychology * Relate to Daily relevance of the subject
PHYSICAL EDUCATION	Changing Trends and Careers in Physical Education Concept, Aims & Objectives of Physical Education	Development of Physical Education in India – Post Independence Changing Trends in Sports- playing surface, wearable gear and sports equipment, technological advancements	Career options in Physical Education	Khelo-India Program and Fit – India Program	Recognize the concept, aim, and objectives of Physical Education. Identify the Post Independence development in Physical Education. Categorize Changing Trends in Sports- playing surface, wearable gear, sports equipment, technological Explore different career options in the field of Physical

						Education. • Make out the development of Khelo India and Fit India Program.
SOCIOLOGY	Introduction to Sociology -Overview of syllabus - Project Details - Chap 1: Sociology & Society	Chap 1 Contd: - Sociological imagination - Birth of Sociology~ intellectual and material factors	- Industrial Revolution - Scope of Sociology & relation to other social sciences like psychology, history, anthropology, economics, history and Political science	Chap 2: Terms, Concepts and their usage in Sociology - Introduction - Types of groups	Role & Status, Role set, Role conflict	-Students will get an introduction to the subject, understand its origins and the intellectual and material influences that led to the emergence of sociology as a discipline - Students will understand the scope of the subject and its relation to other social sciences - Students will become familiar with important terms, concepts and their inter-relations - Students will analyze and understand the different types of groups that we see and which exist in society



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class XI

Subjects	Week - 1	Week - 2	Week - 3	Week - 4	Week - 5	Learning Outcomes
English	GRAMMAR: Sentence reordering	Snapshots: The Summer of the Beautiful White Horse (Prose)	Snapshots: The Summer of the Beautiful White Horse (Prose)	WRITING: Long Writing task: Speech Writing	WRITING: Long Writing task: Speech Writing	Express opinion facts, arguments in the form of writing. Comprehend the difference between literal and figurative devices. Use grammatical structures accurately and appropriately.
Mathematics	2. Relations and Functions: Cross product, relation, domain and range of a function.	Function: Domain and range of real valued functions. Activity: Relations and functions	Unit Test - Revision Trigonometry: Degree and radian, value of trig ratios for any real number.	Trigonome try: Identities, sum of angles, sum or difference of ratios, verifies trig identities.	Recalls sets and properties. Identifies cross product, relation and function. Establishes the relation between relations and functions. Understands domain, range.	The Students recall back the concept ordered pair. Understand the concept relation and function Through examples,

				Activity: Graphs of trig functions	Identifies algebra of functions Identifies trigonometric ratios and identifies.	students get the difference between relation and function, Domain and Range.
Physics	equality of vectors, multiplication of vectors by a real number; addition and subtraction of vectors, Unit vector; resolution of a vector in a plane, rectangular components, Scalar and Vector product of vectors.	Motion in a plane, cases of uniform velocity and uniform acceleratio n,projectile motion, uniform circular motion. Worksheet and exercise questions	worksheet and exercise questions	Chapter—1: Units and Measureme nts: Need for measureme nt: Units of measureme nt; systems of units; SI units, fundamenta I and derived units. significant figures.	Dimensions of physical quantities, dimensional analysis and its applications.	Learners will understand the basic operations on vectors including equality, addition, subtraction, and multiplication by a real number, along with the concept of unit vectors and resolution into rectangular components. Learners will understand the principles of motion in a plane,

		including
		uniform
		velocity,
		uniform
		acceleration,
		and the
		mathematical
		analysis of
		projectile
		motion and
		uniform
		circular
		motion.
		Learners will
		understand
		the need for
		measurement,
		the different
		systems of
		units, and the
		importance of
		using SI units
		for consistency
		in scientific
		calculations.
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Chemistry	Chapter - 2 Structure of atom, Dual Nature of Matter and Light, de Broglie's Relationship	Heisenber g Uncertaint y Principle, Concept of Orbitals	Quantum Numbers, Shapes of Orbitals	Rules for Filling Electrons in Orbitals, Electronic Configurati on and Stability	Chapter -3- Classification of Elements and Periodicity in Properties, Modern Periodic Law and the Present Form of the Periodic Table	 Describe the structure of the atom and the discovery of subatomic particles. Explain the dual nature of matter and light. Apply de Broglie's relationship and Heisenberg's uncertainty principle. Understand the concept of orbitals and quantum numbers. Determine the shapes of s, p, and d orbitals. Apply rules for filling electrons in orbitals. Write electronic configurations and assess the stability of
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			half-filled and completely filled orbitals.

Biology	Chapter-9 Biomolecules, Formation of ES complex.Enzyme substrate complex and product formation.	Chapter 14: Breathing and Exchange of Gases, respirator y organs in different animals, human respirator y system, mechanis m of breathing, double circulation and respirator y disorders.	Chapter 15: Body Fluids and Circulation Composition of blood, blood groups, coagulation of blood; composition of lymph and its function.	Chapter 15: Body Fluids and Circulation Human circulatory system. Disorders related to circulatory system. Ch 16: Excretory Products and their Elimination , organs of excretion in different animals, structure and function of nephron, Formation of urine.	Ch 16: Excretory Products and their Elimination disorders associated with the excretory system of humans. (Nephritis, dialysis and the process of introducing artificial kidney).	Students will understand the various compositions of different lipids, proteins. Explain the formation of ES complex.Enzy me substrate complex and product formation.
Informatics Practices	Conditional statements – Introduction, if, if-else, If elif-else	If else, If elif and nested if Revision	Iterative computation in Python — Introduction, Iterative construct types - for loop, while loop. Revision	Difference between for and while loop. More programs with for loop and while loop.	More programs with for loop and while loop.	Knowing the different types of if statements. Understandin g the working of each type with the help of programs.

				Revision		Students will learn to write more programs with loops
Computer Science	Expressions, statement, type conversion, and input/output: precedence of operators, expression, evaluation of an expression, type-conversion	Condition al statement s- if -else, if - elif- else.	Programs with if, if .else revision	Programs in python and exercises from board papers, revision	Revision on python programs	Need to know how to make program readable ,types of data ,operators and memory locations Introducing the decision making statements .Concept of selection statement to be explained Knowing the different types of if statements. Understanding the working of each type with the help of programs

transactions: g Accounting Equations Rule	concept and passing simple entries and t.	Passing entries- Compound entries. Goods and Services Tax (GST) Journals with GST Ledger: : Meaning, Uses. Ledger posting, balancing.	The concept of accounting equation and appreciate that every transaction affects either both the sides of the equation or a positive effect on one item and a negative effect on another item on the same side of accounting equation. Concept of journalising, pass entries in the book following the rules of debit and credit. Evaluate the concept of GST and incorporate the GST while passing entries.
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						post transactions and determine the balance.
BUSINESS STUDIES	UNIT-VII Formation of a company - Stages in the Formation of a Company	Stages in the formation of company and document s PART-A	Stages in the formation of company and documents PART-B	Important documents - Memorand um of association and Articles of Association	Documents related to Incorporation Documents related to Capital subscription	Highlight the stages in the formation of a Company. • Discuss the important documents used in the various stages in the formation of a company. Highlight the stages in the formation of a company
ECONOMICS	Meaning of micro economics and macroeconomic s Positive and Normative economics.	Consumer s Equilibriu m & Demand:	Consumers Equilibrium & Demand: (Contd) Budget line Monotonic	Consumers Equilibrium & Demand: (Contd)	Relationship between income and demand: Distinction between normal good and inferior good. Price	Distinguish between the concepts; Micro & Macro Economics; Positive and

	What is an economy? central problems of an economy. Concepts of Production Possibility Frontier and Opportunity Cost.	Utility – Meaning, Total Utility, Marginal utility, Numerical s. Law of diminishin g marginal utility, Conditions of consumer' s equilibriu m using marginal utility analysis Cardinal utility analysis: One commodit y case Two commodit y case	preference, indiff map. Condition of consumer's equilibrium with the help of indifference curve analysis.	Demand: Market demand, determina nts of demand schedule, curve and slope. Movement along and shifts in the demand curve.	Elasticity and its degree.	Normative Economics. B. Describe the subject matter of micro and macroecono micsAnalyse the central problems of any economy and discuss the central problems like what to produce, how to produce and for whom to produce. Understand the shift n swings of PPC State the meaning of utility; Solve numerical related to TU & MU Explain the Law of DMU.
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			Analyse the conditions of equilibrium using marginal utility.
			Differentiate between cases.
			Compare and analyze the techniques of the indifference curve, its importance, and its role in the life of the consumers.
			Define the concepts.
			Learn about the preferences of the consumers on certain goods.
			Explain the conditions of equilibrium and represent it graphically.

ENTREPRENEURSHIP	UNIT - II AN	Ethical	Concept of	Importanc	UNIT - III	Students will
	ENTREPRENEUR	Entrepren	Motivation	е	ENTREPRENEURIAL	be able to
	Competencies	eurship	- Maslow's	-	JOURNEY Idea	differentiate
	of an	Understan	Theory	Conseque	Generation	between
	Entrepreneur	ding the	- McClelland's	nces		various types
		core	Theory of	Writing	Importance of	of
		values of	Needs	Notes	Evaluating ideas	entrepreneur
		Entrepren	Concept of			s
		eur	Intrapreneurs			Will be able
		Understan	hip			to learn the
		d the	- Meaning			competencie
		concept				s of an
		of				Entrepreneur
		Attitude				Will be able
						to
						understand
						the meaning
						of Ethical-
						entrepreneur
						ship
						Appreciate
						the
						importance
						of Ethical
						Entrepreneur
						ship
						Highlight the
						value of
						ethics to an
						entrepreneur
						Understand
						the values,
						attitudes and
						motivation
						required by

						an Entrepreneur Differentiate between Entrepreneur and an employee State the meaning and describe the importance of Intrapreneur ship in an organisation
MARKETING	Discussion of case based Question & answers	Discussion of case based question & answers	SPECIFIC SKILLS: CHP 2 MARKETING	4. Concept of Enviromen tal Scanning 5. Importanc e of Environme ntal Scanning	Writing Notes EMPLOYABILITY SKILLS - SELF MANAGEMENT SKILLS 1. Strength and Weakness Analysis 2. Grooming 3. PerSonal hygiene 4. Team work 5. Networking 6. Self motivation	Students will be able to have a good understandin g of the micro and macro environment s which affect the survival level of a product in a market environment. They will also learn grooming skills and

						methods to encourage and motivate self as well as those around them. This will prepare them for formal settings
ENGINEERING GRAPHICS	Unit 1 : Rectilinear figures - Types of quadrilaterals	Unit 1 : Rectilinear figures - Types of polygons	Unit 2 - Circles & its circumference Introduction Circles and its definitions	Introduction to inscribing of figures Inscribing of circles: Inside a triangle Introduction to Engineering Curves: Definition and applications of Ellipse, Parabola,	Inscribing of circles : Inside a hexagon	Students will learn how to explore different types of polygons and different types of circles with inscribing and circumscribing ideas.

				Hyperbola, Involute, Helix, Cycloids and Sine Curve (FOR INTERNAL ASSESSME NT ONLY).		
PSYCHOLOGY	Unit 2: Methods of Enquiry in Psychology- Goals, Steps	Observati on Method, Survey Method	Experimental Method, Case Study,	UT 1 Analysis of Data, Ethics, Limitations	Discussion Of Project and Experiments	Learners will be able to; *Understand various methods of Enquiry; their goals * Describe Psychological perspectives of analysis of data * Explain limitation of Enquiry and Principles
PHYSICAL EDUCATION	Olympism Value Education Olympism – Concept	Olympic Value Education – Joy of	Ancient and Modern Olympics	Olympics - Symbols,	Olympic Movement Structure - IOC, NOC, IFS, Other members	After completing the unit, the

	and Olympics Values	Effort, Fair Play, Respect for Others, Pursuit of Excellence, Balance Among Body, Will & Mind		Motto, Flag, Oath, and Anthem		students will be able to: Incorporate values of Olympism in your life. Differentiate between Modern and Ancient Olympic Games, Paralympics, and Special Olympic games Identity the Olympic Symbol and Ideals Describe the structure of the Olympic movement structure
SOCIOLOGY	Chap 2 Contd: - Social Control and Deviance	Chap 3: Social Institution s	Chap 3 Contd - Religion - Educational institutions	Chap 4: Western Sociologist s	- Contributions of Karl Marx to Sociology -Theory of class struggle -Types of Alienation	-Students will learn the concepts of deviance and forms/types

-Conflict	-	of social
and	Introductio	control
Functional	n	-Students will
ist	- Karl Max	understand
Perspectiv		the conflict
e of		and
seeing		functionalist
institution		perspective
s		in Sociology
- Family,		- Students
marriage		will analyse
& Kinship		different
-		social
Economic		institutions
& Political		like family,
Institution		marriage,
S		economic,
		political and
		educational-
		from these
		two
		perspectives
		-Students will
		learn about
		the 3 western
		sociologists
		who have
		contributed
		to the
		discipline of
		Sociology-
		Karl Marx



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class XI

Subjects	Week - 1	Week - 2	Week - 3	Week - 4	Week - 5	Learning Outcomes
English	Hornbill: "We're not afraid to Die if We can be together (prose)	SUMMER VACATION	SUMMER VACATION	SUMMER VACATION	SUMMER VACATION	Learners will be able to analyse themes of courage and resilience and reflect on the significance of teamwork in facing challenges.
Mathematics	Trigonometr y: Principal solutions and general solutions.	SUMMER VACATION	SUMMER VACATION	SUMMER VACATION	SUMMER VACATION	Student will be able to evaluate trig ratios of angles, use appropriate identities to prove/verify more identities.
Physics	worksheet and exercise questions	SUMMER VACATION	SUMMER VACATION	SUMMER VACATION	SUMMER VACATION	Learners will be able to identify fundamental and derived units, apply the concept of significant figures to measure precision, and convert units appropriately.

Chemistry	Chapter 3 Classificatio n of elements and periodicity in properties Periodic Trends in Atomic Radii and Ionic Radii	SUMMER VACATION	SUMMER VACATION	SUMMER VACATION	SUMMER VACATIO N	Students will be able to: Define atomic radius and ionic radius, and understand the factors influencing their sizes. Describe how atomic and ionic radii change across periods and down groups in the periodic table Explain the concepts of shielding and penetration, and their effects on effective nuclear charge and atomic size. Compare the sizes of cations and anions to their parent atoms, and understand the reasons for these differences.
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Biology	Ch 16: Excretory Products and their Elimination, Disorders associated with the excretory system of humans. (Nephritis, dialysis and the process of introducing artificial kidney).	SUMMER VACATION	SUMMER VACATION	SUMMER VACATION	SUMMER VACATIO N	Students will be able to: Understand the process of countercurrent mechanism. Understand the reason for various diseases related to excretory system.
Informatics Practices	Types of Iterative constructs – range() function - Use of range() function in a loop, Introduction to Jump	Summer Vacation	Summer Vacation	Summer vacations	Summer Vacations	Students will do more programs with if else statements and basics of loops

	statement using break					
Computer Science	condition statements introduction to iterative statements- for loop	Summer Vacation	Summer Vacation	Summer vacations	Summer Vacations	Students will do more programs with if else statements and basics of loops
ACCOUNTANCY	Ledger posting, balancing.	Summer Vacation	Summer Vacation			Analytical sums on ledger posting. Balancing the ledger accounts.
BUSINESS STUDIES	UNIT-III Public, private and multinationa I company Develop an understandi ng of Public sector and private sector enterprises Merits and Limitations Concept and Types	Summer Vacation	Summer Vacation	Summer vacations	Summer Vacations	Develop an understanding of Public sector and private sector enterprises Identify and explain the features, merits and limitations of different forms of public sector enterprises Understand the meaning and types of business services.
ECONOMICS	Relationship between income and	Summer Vacation	Summer Vacation	Summer Vacation	Summer Vacation	Identify the type of the price elasticity shown in different cases.

	demand: Normal good and inferior good. Price Elasticity and its degree. Price elasticity of demand- Calculation: Factors affecting PED, Exceptions of the Law of Demand					Represent the shift in the demand curve as income changes. Distinguish between normal good and inferior good. Explain the various types of elasticity of demand. Explain the exceptions of Law of demand and Solve the price elasticity numerically.
ENTREPRENEURSHIP	Writing Notes for the topics completed	Summer Vacation	Summer Vacation	Summer vacations	Summer Vacations	
MARKETING	7. Goal setting 8. Time Managemen t	Writing Notes	Summer break	Summer break	Summer break	Students will be able to apply the self management skills in real life scenarios
ENGINEERING GRAPHICS	Unit 2 : Circles & its circumference	Summer break	Summer break	Summer break	Summer break	Improves the drawing skills of students with different topics.Develop

	- Circumscribin g of circles around all polygons.					clear concept and perception of different objects. Develop analytical, visual, and spatial skills. Acquire speed and accuracy in use of drawing instruments. Acquire the ability to readily draw neat sketches, often needed in "On-job situations".
PSYCHOLOGY	Conduct 1 Expt Demo	SUMMER BREAK	SUMMER BREAK	SUMMER BREAK	SUMMER BREAK	Students will be able to understand application aspects of Psychology.
PHYSICAL EDUCATION	Yoga Meaning and importance of Yoga Introduction to Astanga Yoga Pranayama and its types. Active Lifestyle and stress management through Yoga	SUMMER BREAK	SUMMER BREAK	SUMMER BREAK	SUMMER BREAK	After completing the unit, the students will be able to: • Recognize the concept of yoga and be aware of the importance; of it • Identify the elements of yoga • Identify the Asanas, Pranayama's, meditation. • Know about relaxation techniques for improving concentration

SOCIOLOGY	PROJECT FILE DETAILS, finalization of questionnair e and holiday homework details	Summer break	Summer break	Summer break	Summer break	Students will be able to learn the format and begin constructing their research question and project questionnaires.
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