



# Indian School Wadi Kabir

Class: XII

ISWK SHARING KNOWLEDGE  
(Monthly Plan - March 2026)

SUBJECTS	Week - 1	Week - 2	Week - 3	Week - 4	Week - 5	Learning Outcomes
ENGLISH		Introduction and Outline Of Syllabus Lit. C.C. Lost Spring	Lit. C.C. Lost Spring - Cntd Writing-Notice	Lit C.C. : My Mother At Sixty –Six (Poem	Lit C.C - The Last Lesson	Students are able to answer questions based on local and global comprehension and also analyse the lesson critically.  They are able to write a notice using appropriate language and layout.
MATHEMATICS		Continuity and Differentiability: Continuity of a function	Continuity and Differentiability: Chain rule, Implicit functions, Inverse trigonometric functions. Derivatives using logarithmic rules.	Continuity and Differentiability: Derivatives of parametric functions, second derivatives		Understand Continuity of Functions  Concept of Differentiability  Derivative Rules & Techniques  Derivatives of various functions.

<p><b>PHYSICS</b></p>		<p>CH-1 Electric charges and fields. Knowledge of different types of charges, coulomb's law and its application to find the force between point charges</p>	<p>Electric field, electric field due to a point charge. Electric field lines, electric dipole,</p>	<p>Electric field due to a dipole, torque on a dipole in uniform electric field.  Electric flux, statement of Gauss's theorem</p>	<p>Term break</p>	<p>Students are able to</p> <ul style="list-style-type: none"> <li>state Coulomb's law and apply it for different situations.</li> <li>Defines electric field and illustrates electric field lines.</li> <li>Defines electric dipole and applies it to find the torque exerted due to an electric dipole.</li> </ul>
<p><b>CHEMISTRY</b></p>		<p>Unit VI: Haloalkanes and Haloarenes. Haloalkanes: Nomenclature, nature of C-X bond, Physical and prop.</p>	<p>Optical rotation mechanism of substitution reactions. Haloarenes: Nature of C-X bond</p>	<p>Substitution reactions of haloarenes. Uses and environmental effects of - dichloromethane, Trichloromethane, tetrachloromethane, iodoform, freons, DDT.</p>	<p>Term break</p>	<p>Students are able to:</p> <ul style="list-style-type: none"> <li>● recall the IUPAC naming of haloalkanes and haloarenes significance of studying these compounds.</li> <li>● analyse the nucleophilic substitution reaction in terms of the stereochemistry of the product(s)</li> <li>● describe the ortho and para directing nature of halogens in benzene towards electrophilic substitution</li> </ul>

<p><b>BIOLOGY</b></p>		<p>UNIT:VI Reproduction Sexual reproduction in flowering plants Pre-fertilisation - structure &amp; Events</p>	<p>UNIT:VI Reproduction, Sexual reproduction in flowering plants Double Fertilisation &amp; Post fertilization : structure and events &amp; Apomixis &amp; Polyembryo, significance of seed dispersal and fruit formation.</p>	<p>UNIT:VI Reproduction Human reproduction Male &amp; Female Reproductive System &amp; Gametogenesis &amp; Menstrual Cycle, Fertilisation &amp; implantation &amp; Pregnancy,Embryonic development,parturition &amp; lactation</p>	<p>Term break</p>	<p>Students will be able to:</p> <ul style="list-style-type: none"> <li>● Identify the parts of a flower and distinguish between the functions of androecium (male) and gynoecium (female) reproductive organs.</li> <li>● Explain the mechanisms of pollination and the process of double fertilization unique to angiosperms.</li> <li>● Seed &amp; Fruit Formation: Describe the transformation of ovules into seeds and ovaries into fruits following fertilization.</li> <li>● Identify the structures of male and female reproductive systems and their roles in producing gametes.</li> <li>● Explain how hormones control the menstrual cycle, spermatogenesis, and oogenesis.</li> </ul>
<p><b>INFORMATICS PRACTICES</b></p>		<p>Introduction to Pandas, features, Series and Data Frames.</p>	<p>Creation of Series from – ndarray, list, dictionary, scalar value</p>	<p>Attributes of series, Mathematical operations; Head and Tail functions; Selection, Indexing</p>	<p><b>Term break</b></p>	<p>Installation of pandas Concept of Series and Dataframe Creation of series Learning different attributes of Series and applying it using various examples Different concepts of applying build in</p>

				and Slicing. Comparison of series		functions 1. Selection 2. slicing 3. Indexing
<b>COMPUTER SCIENCE</b>		Revision of Python topics covered in Class XI, Flow of execution, String, List	Tuple , Dictionaries and its functions, Introduction to functions, Exception Handling	Builtin Functions, Functions defined in modules & User defined functions	Term Break	To understand the application programs using the python 1. Simple sequence 2. Selection Statements 3. Iterative Statements 4. Sequences : Mutable and Immutable Sequences To understand the difference between builtin function and user defined functions with examples
<b>ACCOUNTANCY</b>		Fundamentals of Partnership Accounting: Introduction, Interest on Capital, Interest on Drawings,  Remuneration for partners. Charges & Appropriation of profit.	Fixed v/s fluctuating capital account-Capital A/c & Current A/c.Profit/Loss Appropriation A/c. Interest on Capital, Interest on Drawings,  Remuneration for partners. Charges & Appropriation of profit.	Appropriation A/c. Past Adjustment & Guarantee of profit Nature & valuation of Goodwill.		<ul style="list-style-type: none"> <li>❖ Partnership, Partnership firm and partnership deed. Characteristic features of partnership and the contents of partnership deed.</li> <li>❖ Calculation of IOC,IOD,remuneration of partners.</li> <li>❖ Preparation of P/L A/c, Appropriation A/c.</li> <li>❖ Develop the understanding and skill of making past adjustments. <ul style="list-style-type: none"> <li>❖ Meaning, nature and factors affecting goodwill. Meaning, nature and factors affecting goodwill develop the understanding and skill of valuation of goodwill using different methods.</li> </ul> </li> </ul>

			Fixed v/s fluctuating capital account-Capital A/c & Current A/c.Profit/Loss . P/L Appropriation A/c.			❖ Valuation of goodwill using different methods.
<b>BUSINESS STUDIES</b>	HOLIDAYS	Nature and Significance of Management - concept, objectives and importance. Management as Science Art and Profession Levels of Management. Management functions-planning, organizing, staffing, directing and controlling	Coordination-concept and importance Notes	Principles of Management - concept and significance	Taylor's Scientific management - principles and techniques	<ul style="list-style-type: none"> <li>● Introduce the concept of management</li> <li>● Engage the class in a discussion of effectiveness and efficiency</li> <li>● Outline the features of management</li> <li>● Outline the features of management</li> <li>● Highlight the importance of management</li> <li>● Reiterate the features and criterias for management as Art, Science and Profession</li> <li>● Highlight the concept of Coordination</li> <li>● Illustrate the features of Coordination</li> <li>● Outline the importance of Coordination Introduce the concept</li> </ul>

						<ul style="list-style-type: none"> <li>● Reiterate the features of PoM</li> <li>● Highlight the importance of PoM</li> </ul>
<b>ECONOMICS</b>	HOLIDAYS	Money & Banking - Introduction, Functions of Money and Supply of Money.	Functions of Central Bank , Commercial Banks, Credit Creation.	Indian economy on the eve of Independence: Features, Agricultural sector, Industrial sector,	Foreign Rule, Demographic Indicators; British Rule boon or bane...	<p>*Inquires money, types of money and functions of banks.</p> <p>*Describe the forms, function and characteristics of money.</p> <p>*Discuss the role and importance of central banks and commercial banks for government, consumer and producers.</p> <p>*Emphasize economic decisions by highlighting the role of government.</p> <p>*Discuss critical issues of the Indian economy since independence.</p>
<b>ENTREPRENEURS HIP</b>	Holidays	Entrepreneurial Opportunities - Concept of Entrepreneurship - Business opportunity and its elements	- Environment Scanning - Need for environment scanning and its importance - SWOT analysis framework and	- Spotting Trends - Creativity and Innovation - Selecting the right opportunity	Writing Notes	<p>The learner would be able to:</p> <p>Understand the concept and elements of business opportunity</p> <p>Understand the factors involved in sensing opportunities</p> <p>Understand the concept of environment scanning</p>

		<ul style="list-style-type: none"> <li>- Concept of Sensing Entrepreneurial Opportunities</li> <li>- Factors involved in sensing opportunities</li> </ul>	<p>analysis of the environment</p> <ul style="list-style-type: none"> <li>- business environment and PESTEL model</li> <li>- Concept of problem identification</li> </ul>			<p>Enlist the various factors affecting business environment</p> <p>Understand the meaning of idea fields</p> <p>Enlist the various sources of idea fields</p> <p>Understand the technique of transformation of ideas into opportunities</p> <p>Understand what is trend spotting</p> <p>Elaborate on the creative and innovative processes</p>
<b>MARKETING</b>		<p>Chp 1 Product</p> <ol style="list-style-type: none"> <li>1. Explain meaning of Product in marketing</li> <li>2. Explain the components of Product</li> <li>3. Understand the characteristics and importance of a product</li> </ol>	<ol style="list-style-type: none"> <li>4. Differentiate between the product levels</li> <li>5. Understand the factors influencing the product mix</li> <li>6. Analyze Product terms and decisions</li> <li>7. Classify the products</li> <li>8. Analyze the marketing strategies of the classified products</li> <li>9. Evaluate the features of the</li> </ol>	<ol style="list-style-type: none"> <li>11. Stages of Product Life cycles and related marketing strategies</li> <li>12. Explain the role, importance and functions of Packaging</li> <li>13. Types of packages</li> <li>14. Comprehend the concept and role of labelling</li> <li>15. Classify the labels</li> <li>16. Functions of labelling</li> </ol>	Writing Notes	<ul style="list-style-type: none"> <li>● Understand that a product is anything offered to satisfy customer needs and wants.</li> <li>● Identify the core, actual, and augmented elements that make up a product.</li> <li>● Recognize the features of a product and its role in fulfilling customer needs and generating revenue.</li> <li>● Differentiate between core, actual, and augmented product levels.</li> <li>● Understand how customer needs, competition, and company objectives shape the product mix.</li> <li>● Analyze key product-related decisions like branding, quality, and features.</li> </ul>

			classified products 10. Explain various Types of industrial goods and their features			<ul style="list-style-type: none"> <li>• Classify products as consumer or industrial goods based on usage.</li> <li>• Recognize labelling's role in identification, information, promotion, and legal compliance.</li> <li>• Understand the introduction, growth, maturity, and decline stages and associated marketing tactics.</li> </ul>
<b>ENGINEERING GRAPHICS</b>		Isometric Projection :Introduction of Isometric projection,Explanation of construction of title block,Isometric projection of prisms,construction of isometric scale.	Isometric Projection : Single solids with axis perpendicular to HP	Isometric projection : single solids with axis parallel to both HP and VP	TERM BREAK	Understand the construction of title block with projection symbol,construction of isometric scale and single solids (All types of prisms)

<b>PSYCHOLOGY</b>	Classes started on 11 <sup>th</sup> March	<p>1. Introduction, Syllabus and Chapter Overview</p> <p>2. Individual Differences in Human Functioning</p> <p>3. Assessment of Psychological Attributes</p> <p>4. Intelligence</p>	"Theories of Intelligence: Psychometric Theories of Intelligence, Information Processing Theories,"	Eid break	Theory of Multiple Intelligences, Triarchic Theory of Intelligence, Planning, Attention-Arousal and Simultaneous Successive Model of Intelligence	<p># To Understand the Attributes that make people differ from one another #To learn about various Assessment methods</p> <p>#To be able to distinguish between theories of Intelligence #To appreciate the concept of Multiple Intelligences # To demonstrate working Of PASS model</p>
<b>PHYSICAL EDUCATION</b>		Revision of Training in sports topics covered in Class XI,	Management of Sporting Events: Sports event management involves planning, organizing, staffing, directing, and controlling, along with committee roles and fixture	Intramural & Extramural tournaments – Meaning, Objectives & Its Significance. Community sports program (Sports Day, Health Run, Run for Fun, Run for Specific Cause & Run for Unity)	Writing Notes	<p>*Describe the functions of Sports Event management</p> <p>*Classify the committees and their responsibilities in the sports event</p> <p>*Differentiate the different types of tournaments.</p> <p>*Prepare fixtures of knockout, league &amp; combination.</p> <p>*Distinguish between intramural and extramural sports events</p> <p>*Design and prepare different types of community</p>

			procedures for knockout and league tournaments.			
<b>SOCIOLOGY</b>		Introduction to Grade 12 <b>Chapter 1: Demographic Structure of Indian Society</b>	Demographic Indicators and concepts, Size and Growth of Population of India	Age Structure and Composition, Population pyramids, Demographic Dividend	Sex Ratio, Literacy Rates, Urban- Rural differences in population growth, Population policy of India	Students will: <ul style="list-style-type: none"> <li>• Develop conceptual clarity of demographic structure.</li> <li>• Interpret statistical data critically.</li> <li>• Compare sociological theories of population growth.</li> <li>• Apply theoretical knowledge to Indian context.</li> </ul>



# Indian School Wadi Kabir

Class: XII

ISWK SHARING KNOWLEDGE  
(Monthly Plan - April 2026)

SUBJECTS	Week - 1	Week - 2	Week - 3	Week - 4	Week - 5	Learning Outcomes
ENGLISH		Lit: S.R.- The Third Level Reading Comprehension Formal Invitation & Reply	Formal Invitation & Reply Poem – Keeping Quiet	Poem – Keeping Quiet Contd Writing: Letter To Editor	LIT.S.R.: Tiger King Reading Comprehension	Students are able to answer questions based on local and global comprehension and also analyse prose lessons and poems critically.  They are able to write a formal letter and invitation using appropriate language and layout.
MATHEMATICS		Application of Derivatives: Rate of change- real life related problems	Application of Derivatives: Increasing /decreasing functions	Application of Derivatives: Local Maxima, Minima, case study questions.  Matrices: Types of matrices	<b>Matrices: Types of matrices and operations on matrices</b> <b>Determinants:</b> Minors, cofactors,	Identifies the rate of change of one variable w.r.t other. Apply the concept to analyse the function- increasing /decreasing, maximum value, minimum value. Apply the concepts of derivatives to solve case study based/source based questions on

					adjoint, and inverse. Case study/source based questions	derivatives. Identify matrices and operations on matrices
<b>PHYSICS</b>		Gauss's theorem and its applications to find field due to infinitely long straight wire, uniformly charged infinite plane sheet and uniformly charged thin spherical shell (field inside and outside). Exercise and worksheet.	CHAPTER-2 – Electrostatic potential and capacitance. Electric potential, potential difference, electric potential due to a point charge, a dipole and system of charges; equipotential surfaces, electrical potential energy of a system of two point charges and of electric dipole in an electrostatic field.	Dielectrics and electric polarization. capacitors and capacitance, combination of capacitors in series and in parallel. Capacitance of a parallel plate capacitor with and without dielectric medium between the plates, energy stored in a capacitor(no derivation.Only formulae.). Worksheet and exercises.	CHAPTER-3- Current Electricity, Electric current, flow of electric charges in a metallic conductor, drift velocity, mobility and their relation with electric current; Ohm's law, electrical resistance, V-I characteristics (linear and non-linear), electrical energy and power, electrical resistivity and conductivity. series and parallel combinations of resistors; temperature dependence of resistance.	Students are able to <ul style="list-style-type: none"> <li>● apply Gauss's theorem in different situations.</li> <li>● derive formula for electric potential due to a point charge and electric dipole.</li> <li>● Draw equipotential surfaces.</li> <li>● explain and identify dielectrics and dielectric polarization and the terms associated with it.</li> <li>● derive formula for capacitance.</li> <li>● state and derive Ohm's law</li> </ul>

<p style="text-align: center;"><b>CHEMISTRY</b></p>		<p>Unit VII: Alcohols, Phenols and Ethers. Alcohols: Nomenclature, methods of preparation, Identification of primary, secondary and tertiary alcohols, mechanism of dehydration. Physical and chemical properties.</p>	<p>Identificatio n of primary, secondary and tertiary alcohols, mechanism of dehydration. Phenols: Nomenclatu re, methods of preparation.</p>	<p>Physical and chemical properties, acidic nature of phenol, electrophilic substitution reactions, uses of phenols. Ethers: Nomenclature, methods of preparation, physical and chemical properties, uses.</p>	<p>Unit I: Solutions Solid solutions, Henry's law, Raoult's law, Colligative properties - relative lowering of vapour pressure</p>	<p>Students are able to</p> <ul style="list-style-type: none"> <li>● recall the IUPAC naming of alcohols, phenols and ethers</li> <li>● compare the bond lengths and bond angles amongst alcohols, phenols and ethers</li> <li>● know the method of preparation of phenols from chlorobenzene, benzene and cumene.</li> <li>● visualise the 3D structure of alcohols, phenols and ethers with the help of models and softwares.</li> </ul>
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<p><b>BIOLOGY</b></p>		<p>UNIT VI Human reproduction Male &amp; Female Reproductive System &amp; Gametogenesis &amp; Menstrual Cycle, Fertilisation &amp; implantation &amp; Pregnancy, Embryonic development, parturition &amp; lactation</p>	<p>UNIT:VI Human Reproduction Reproductive health Need for reproductive health and prevention of Sexually Transmitted Diseases (STDs); birth control - need and methods, contraception and medical termination of pregnancy (MTP); amniocentesis; infertility and assisted reproductive technologies - IVF, ZIFT, GIFT</p>	<p>Unit-VII Genetics and Evolution Principles of Inheritance and Variation Mendelian inheritance; deviations from Mendelism - incomplete dominance, co-dominance, multiple alleles and inheritance of blood groups, pleiotropy; elementary idea of polygenic inheritance; chromosome theory of inheritance; chromosomes and genes; Sex determination - in humans, birds and honey bee; linkage and crossing over; sex linked inheritance - haemophilia, colour blindness;</p>	<p>Unit-VII Genetics and Evolution Principles of Inheritance and Variation Mendelian disorders in humans - thalassemia; chromosomal disorders in humans; Down's syndrome, Turner's and Klinefelter's syndromes.</p>	<p>Students are able to:</p> <ul style="list-style-type: none"> <li>● Describe the hormonal regulation and cellular stages of gametogenesis, the menstrual cycle, and fertilization.</li> <li>● Outline the physiological milestones from embryonic development through to parturition and lactation.</li> <li>● Explain Mendelian principles, chromosomal theory, and the genetic basis of sex determination and disorders.</li> <li>● Describe DNA structure, replication, and the expression of genes through transcription and translation.</li> <li>● Analyze the evidence for evolution and the mechanisms of natural selection and genetic variation.</li> </ul>

<p><b>INFORMATICS PRACTICES</b></p>		<p>Data Frames: creation - from dictionary of Series, list of dictionaries, Dictionary of list , Dictionary of Dictionary</p>	<p>Data Frames: Attributes of a dataframe</p>	<p>Slicing, .loc() and .iloc() Selecting and accessing , modifying records from dataframe</p>	<p>Adding / modifying a row in a dataframe, Selecting a column from a dataframe</p>	<p>Creation of dataframe from</p> <ol style="list-style-type: none"> <li>1. list</li> <li>2. dictionary</li> <li>3. Series</li> </ol> <p>Creating dataframe and applying all attributes on the created dataframe</p> <p>Creating a dataframe and</p> <ol style="list-style-type: none"> <li>1. use loc and iloc to access rows and columns</li> <li>2. Updating records</li> </ol> <p>Creating a dataframe and</p> <ol style="list-style-type: none"> <li>1. update the records</li> <li>2. Deleting a row</li> <li>3. Deleting a column</li> </ol>
<p><b>COMPUTER SCIENCE</b></p>		<p>Creating user defined functions, arguments and parameters, default parameters, positional parameters, key word arguments , variable length arguments</p>	<p>Function returning value(s), flow of execution, scope of a variable (global scope, local scope)</p>	<p>Introduction to files, types of files (Text file, Binary file, CSV file), relative and absolute paths</p>	<p>Text file: opening a text file, text file open modes (r, r+, w, w+, a, a+), closing a text file, Text File various operations</p>	<p>To create their own functions and learn to use various types of arguments as per the requirement.</p> <p>To learn different types of functions and their accessibility within the program i.e. private or public access.</p> <p>Students will be able to know different types of file to open and perform various operations on them.</p> <p>They will learn how to open text files in different modes and how to perform various operations on the same.</p>
<p><b>ACCOUNTANCY</b></p>		<p>Reconstitution of partnership Firm: Change in profit-sharing ratio.</p>	<p>Admission of a partner</p>	<p>Admission of a partner-comprehensive sums with capital adjustments</p>	<p>Retirement &amp; death of a partner- Revaluation of assets/liabilities, reserves, goodwill.</p>	<ul style="list-style-type: none"> <li>❖ Meaning of sacrificing ratio, gaining ratio and the change in profit sharing ratio among existing partners. Entries for goodwill and reserves.</li> <li>❖ The effect of change in profit sharing</li> </ul>

					Retirement & death of a partner- Goodwill, reserves, revaluation and capital A/c.Comprehensive problems with capital adjustment and balance sheet.	ratio on admission of a new partner. Treatment of goodwill, Revaluation of assets and reassessment of liabilities, treatment of reserves, accumulated profits and losses. <ul style="list-style-type: none"> <li>❖ Preparation of Revaluation A/c and entries.Preparation of partners capital A/c and Balance sheet.</li> <li>❖ Meaning and effect of retirement/death of a partner on change in profit sharing ratio.</li> </ul>
<b>BUSINESS STUDIES</b>	Principles of Management - concept and significance .Fayol's principles of management Notes	Business Environment- concept and importance  Dimensions of Business Environment - Economic, Social, Technological, Political and Legal	Demonetization - concept and features Notes Planning: Concept, importance and limitation	Planning process Single use and Standing Plans. Objectives, Strategy, Policy, Procedure, Method, Rule, Budget and Programme Organising: Concept and importance		<ul style="list-style-type: none"> <li>● Introduce the concept of principles of management.Highlight the significance of management principles</li> <li>● Highlight the principles and techniques of 'Scientific Management'.</li> <li>● Reiterate the contributions of Fayol and Taylor.</li> <li>● Familiarize with the concept of Business environment and its features</li> <li>● Highlight the importance of Business</li> <li>● Illustrate the process of planning</li> <li>● Highlight the types of plan</li> </ul>

<b>ECONOMICS</b>	Demographic profile, Occupational Structure, Infrastructure and Conclusion	Indian economy (1950-1990): Types of Economic System, Planning - Goals Development in Agriculture, Industry, Trade	National Income and Related Aggregates: Basic Concepts- Methods of Measuring National income:	Product method Income Method Precautions and Numericals	National Income and Related Aggregates: (Conti....) GDP and Welfare Numericals and Precautions.	*Evaluate five-year plan and the role of NITI Ayog in planning, allocation of funds to various sectors like agriculture, industry, services for the specific cases such as removal of poverty and unemployment. *Communicate economic information and ideas related to National income, Human development index and sustainable development. *Discuss the three methods of measuring the National Income *Explain gross domestic product (GDP) can be used to measure economic growth *Describe the limitations of using GDP as an indicator of development.
<b>ENTREPRENEURSHIP</b>		Entrepreneurial Planning - Forms of business organization - Sole Proprietorship - Features - Legal formalities in	Consequences for non-registration of a partnership firm - Drafting of partnership deed	Business Plan - Importance of the business plan - Format - Introduction to Components. - Introductory profile /general introduction - Description of venture/business venture	Manpower planning - Marketing plan - Steps in preparing the marketing plan	The learner would be able to: Enlist the type of economic activities Understand the forms of business organization Understand the meaning of business plan Understand the format of business plan Understand the organizational plan Understand the production plan Understand the human resources plan Understand the operational plan Understand the financial plan

		<p>Sole proprietorship</p> <p>Partnership - Concept, characteristics</p>	<p>- Registration procedure .</p> <p>Joint Stock Company - Characteristics of a Company</p> <p>Why private company is more desirable</p>	<p>- Production Plan - situations</p>		<p>Understand the marketing plan</p> <p>Enlist the various formalities required for starting a business.</p>
<b>MARKETING</b>		<p>GREEN SKILLS</p> <p>1. Identify the role and importance of green jobs in different sectors</p> <p>2. Comprehend the role of the government initiatives and policies for preservation of the green economy</p> <p>Writing Notes</p>	<p>Communication Skills</p> <p>1. Importance of active listening at workplace</p> <p>2. Steps to active listening</p> <p>3. Interview Skills</p> <p>4. Demonstration of writing skills</p>	<p>Price Decision</p> <p>1. Explain the meaning and definition of pricing</p> <p>2. Understand the objectives of pricing</p> <p>1. Evaluate the importance of pricing</p> <p>2. Analyze the factors affecting pricing</p> <p>3. 1. Types of pricing</p> <p>(A) Demand based pricing</p> <p>- Types</p> <p>- Merits</p> <p>- Demerits</p>	<p>(C) Competition oriented pricing</p> <p>- Methods</p> <p>(D) Value Based Pricing</p> <p>Comprehend the major pricing methods</p> <p>- Competitive Pricing</p> <p>Penetration Pricing</p> <p>- One Price versus Variable Pricing</p> <p>- Market Skimming Pricing</p> <p>- Discrimination or Dual Pricing</p>	<ul style="list-style-type: none"> <li>● Define pricing and explain its meaning in marketing.</li> <li>● Understand the objectives and importance of pricing decisions.</li> <li>● Identify and analyze the factors that influence pricing.</li> <li>● Differentiate between types of pricing: demand-based, cost-oriented, competition-oriented, and value-based.</li> </ul>

			5. Grammar Writing Notes	(B) Cost Oriented Pricing - Types		<ul style="list-style-type: none"> <li>Evaluate key pricing strategies, including competitive pricing, penetration pricing, market skimming, one-price vs. variable pricing, and discrimination/dual pricing.</li> <li></li> </ul>
<b>ENGINEERING GRAPHICS</b>		Isometric projection of single solids : Isometric projection of pyramids- Upright pyramids	Isometric projection of single solids: Isometric projection of inverted pyramids	Isometric projection of single solids: Isometric projection of cylinder and cone	Isometric projection of sphere and hemisphere	Recognise different types of single solids, especially pyramids, sphere, cone, cylinder & hemisphere.
<b>PSYCHOLOGY</b>	Individual Differences in Intelligence Culture and Intelligence Emotional Intelligence	9. Special Abilities: Aptitude: Nature and Measurement  10. Creativity	Introduce chp 2.  Lesson Overview	Chp 3. Meeting Life Challenges  Introduction  Nature, Types and Sources of Stress  Effects of Stress on Psychological Functioning and	<ul style="list-style-type: none"> <li>Stress and Health</li> <li>General Adaptation Syndrome</li> <li>Stress and Immune System</li> <li>Lifestyle</li> </ul>	# To learn how psychologists assess intelligence to identify mentally challenged  and gifted individuals # To relate to the cultural differences in understanding Intelligence # To understand and implement Emotional Intelligence as an essential competency

				Health		# To understand the meaning of stress, its effects, and sources
<b>PHYSICAL EDUCATION</b>	Children & Women in Sports Exercise guidelines of WHO for different age groups. Common postural deformities- knock knees, flat foot, round shoulders, and their respective corrective measures.	Common postural deformities- Lordosis, Kyphosis, Scoliosis, and bow legs and their respective corrective measures.	Women's participation in Sports : – Physical, Psychological, and social benefits.	Special consideration (menarche and menstrual dysfunction)	Female athlete triad (osteoporosis, amenorrhea, eating disorders).	<ul style="list-style-type: none"> <li>•Differentiate exercise guidelines for different stages of growth and development.</li> <li>•Classify common postural deformities and identify corrective measures.</li> <li>•Recognize the role and importance of sports participation of women in India.</li> <li>•Identify special considerations related to menarche and menstrual dysfunction.</li> <li>•Express female athlete triad according to eating disorders</li> </ul>
<b>PAT</b>		UNIT 1: Introduction to Physical Education and	Scope of Physical Education		Role of Government and Sports Organizations; Sports Industry. Career Opportunities	UNIT 2: Meaning and Types of Assessment. Factors Influencing Assessment

		Sports Sector; Components of Physical Education	and Importance of Sports in Education		es in Physical Education; Ethical Values and Sportsmanship	
<b>SOCIOLOGY</b>	Chapter 2: Social Institutions ~ Continuity and Change introduction -Caste as an institution	Chapter 2 on Social Institutions continued- Tribe as an institution	Chapter 2 on Social Institutions- Family, Marriage & Kinship	Chapter 3: Patterns of Social Inequality & Exclusion Introduction	Chapter 3 continues: Caste, Tribe, Women and the Disabled	<p><b>In Chap 2 Students will:</b></p> <ul style="list-style-type: none"> <li>● Develop conceptual clarity of social institutions in India (caste, tribe &amp; family)</li> <li>● Apply theoretical &amp; historical knowledge of these institutions to Indian context.</li> </ul> <p><b>In Chap 3:</b></p> <p>Define key concepts such as <b>social inequality, exclusion, caste, class, gender, ethnicity, minority, discrimination, prejudice, and marginalization.</b></p> <p>Distinguish between social inequality and social exclusion.</p>



**Class: XII**

## **Indian School Wadi Kabir**

**ISWK SHARING KNOWLEDGE**

**(Monthly Plan - May 2026)**

<b>SUBJECTS</b>	<b>Week - 1</b>	<b>Week - 2</b>	<b>Week - 3</b>	<b>Week - 4</b>	<b>Week - 5</b>	<b>Learning Outcomes</b>
<b>ENGLISH</b>	Lit S.R- The Enemy.	Lit S.R- The Enemy- Cntd  Practice For ASL (Speaking)	Project  discussion  REVISION FOR UNIT TEST	<b>UNIT TEST</b>	<b>SUMMER BREAK  BEGINS</b>	Students are able to answer questions based on local and global comprehension and also analyse

						prose lessons critically.
<b>MATHEMATICS</b>	<b>Determinants: Solving equations, word problems</b>	<b>Relations and Functions: Equivalence relation-</b>	<b>Unit Test</b> Relations and functions: One to one and onto functions	<b>Unit Test</b> Relations and Functions contd.		Identifies types of relations and functions. Understands invertible functions. Analyse the relations and functions based on domain and range.
<b>PHYSICS</b>	Internal resistance of a cell, potential difference and emf of a cell, combination of cells in series and in parallel. Kirchhoff's laws and simple applications. Wheatstone bridge.  Exercises and worksheet	CHAPTER 4 – Moving charges and magnetism, Concept of magnetic field, Oersted's experiment. Biot-Savart law.	Application of biot-savart law. to current carrying circular loop. Ampere's law and its applications to infinitely long straight wire. Straight solenoids(qualitative treatment only). Force on a moving charge in uniform magnetic and electric fields. Force on a current-carrying	Force between two parallel current-carrying conductors- definition of ampere. Torque experienced by a current loop in a uniform magnetic field. Current loop as a magnetic dipole and its magnetic dipole moment.Moving coil galvanometer-its	Exercises and worksheet.	Students are able to  Derive expressions for the combination of emf and internal resistance of cells.Illustrate Kirchoff's law and applies it to various situations.  State and derive Biot -Savart law.

			conductor in a uniform magnetic field.	current sensitivity and conversion to ammeter and voltmeter.		<p>State and derive Ampere's circuital law and its applications to infinitely long straight wire.</p> <p>Explain and derive Force between two parallel current-carrying conductors-</p>
<b>CHEMISTRY</b>	osmotic pressure, determination of molecular masses using colligative properties, abnormal molecular mass, Van't Hoff factor.	Unit II: Electrochemistry: Redox reactions, EMF of a cell, standard electrode potential, Nernst equation and its application to chemical cells, Relation between Gibbs energy change and EMF	Specific and molar conductivity, variations of conductivity with concentration, Kohlrausch's Law, electrolysis and law of electrolysis (elementary idea)	Batteries, Fuel cells, Corrosion	Exercises and worksheet	<p>Students are able to</p> <ul style="list-style-type: none"> <li>understand the terms osmosis, isotonic solutions, hypertonic solutions and hypotonic solutions</li> </ul>

of a cell,  
conductance in  
electrolytic  
solutions

- explain Reverse Osmosis and appreciate its application
- distinguish between Electrolytic cells and Galvanic cells
- calculate Equilibrium constant from Nernst Equation and Gibbs Energy for an Electrochemical Cell
- describe the construction of some primary and secondary batteries and fuel cells

<p><b>BIOLOGY</b></p>	<p>Unit-VII Genetics and Evolution Molecular Basis of Inheritance Search for genetic material and DNA as genetic material; Structure of DNA and RNA. DNA packaging; DNA replication; Central Dogma; transcription, genetic code.</p>	<p>Unit-VII Genetics and Evolution Molecular Basis of Inheritance Translation; gene expression and regulation - lac operon.</p>	<p>Unit-VII Genetics and Evolution Molecular Basis of Inheritance Genome, Human and rice genome projects; DNA fingerprinting. Unit VII Genetics and Evolution Evolution Origin of life; biological evolution and evidences for biological evolution (paleontology, comparative anatomy, embryology and molecular evidences); Darwin's contribution, modern synthetic theory of evolution;</p>	<p>Unit VII Genetics and Evolution Evolution Mechanism of evolution - variation (mutation and recombination) and natural selection with examples, types of natural selection; Gene flow and genetic drift; Hardy- Weinberg's principle; adaptive radiation; human evolution.</p>	<p>Textual exercises</p>	<p>Students will be able to:</p> <ul style="list-style-type: none"> <li>● Identify the biochemical properties of DNA and RNA and explain the experiments that proved DNA is the genetic material.</li> <li>● Describe the mechanisms of replication, transcription, and translation in both prokaryotes and eukaryotes.</li> <li>● Explain the lac operon model for gene</li> </ul>
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						regulation and the significance of the Human Genome Project and DNA fingerprinting
<b>INFORMATICS PRACTICES</b>		display; iteration; selection of rows and columns on DataFrame	Operations on rows and columns: add, select, delete, rename;	Head and Tail functions; Indexing using Labels  Series and DataFrame application and manipulations	Summer break	To comprehend the concept of slicing in dataframe and selecting rows and columns To comprehend the ideas of 1. adding , deleting a column 2. renaming a column To comprehend the ideas of 1. boolean indexing 2. head and tail functions
<b>COMPUTER SCIENCE</b>	Text file opening using with clause, writing/append data to a text file using	Manipulation of data in a text file, Binary file: basic	close a binary file, import pickle module, dump() and	More on Binary files	summer break	To learn about adding more content into text file and reading

	write() and writelines(), reading from a text file using read(), readline() and readlines(), seek and tell methods	operations on a binary file: open using file open modes (rb, rb+, wb, wb+, ab, ab+)	load() method, read, write/create, search, append and update operations in a binary file	More programs on Binary files		the same after that and perform different methods on it. To learn about Text file and Binary File operations using Python program. To learn about the opening, closing of a file. To read and write records in to a file To understand the logic of text and binary files using various programs
<b>ACCOUNTANCY</b>	Retirement & death of a partner - Comprehensive problems	Deceased partner's share of profit till the date of death. Treatment of Goodwill, revaluation and reserves. Deceased partner's capital account and his executor's account.	Comprehensive sums on death of a partner. Dissolution of partnership firm:	Dissolution of partnership firm: Realization account, Partner's loan A/c, capital accounts of partners and cash or bank a/c.	SUMMER VACATION	❖ Treatment of amount due to retiring partner along with loan A/c. Develop the skill of calculation of deceased partner's share till the time of his death.

						<ul style="list-style-type: none"><li>❖ Prepare Deceased partner's capital and executor's account. Deceased partner's capital and executor's account, Executor's loan A/c.</li><li>❖ Meaning of dissolution of partnership and partnership firm, types of dissolution of a firm. Understand the situations under which a partnership firm can be dissolved. Ledger A/cs and postings for realisation of</li></ul>
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						<p>assets, settlement of liabilities, realisation expenses.</p> <ul style="list-style-type: none"> <li>❖ Develop the understanding of preparation of realisation account and other related accounts.</li> </ul>
<b>BUSINESS STUDIES</b>	<p>Formal and informal organization - concept-Features Delegation: concept, elements and importance</p>	<p>Decentralization: concept and importance  Staffing: Concept and importance of staffing Staffing as a part of Human Resource Management concept Staffing process</p>	<p>Recruitment process Selection process Training and Development - Concept and importance, Methods of training - on the job and off the job - vestibule training, apprenticeship training and internship training</p>	<p>Directing: Concept and importance and Project Discussion Elements of Directing. Motivation - concept, Maslow's hierarchy of needs</p>	SUMMER BREAK	<ul style="list-style-type: none"> <li>● Highlight the advantages and disadvantages of Formal Organization</li> <li>● Outline the features, advantages and disadvantages of informal Organization</li> </ul>

						<ul style="list-style-type: none"> <li>• Discuss the concept of Delegation and</li> <li>• Decentralization and its importance</li> <li>• Explain the importance of staffing and as part of Human Resource Management</li> <li>• Explain the concept of Directing and its importance</li> </ul>
<b>ECONOMICS</b>	Economic Reforms since-1991: Need for economic reforms, its features Liberalisation	Economic Reforms since-1991: (Conti...)Globalisation Meaning and Objective	Economic Reforms since-1991: (Conti...) Outsourcing, WTO Privatisation- An appraisal of LPG Policies.	Human Capital Formation Meaning , Role of HCF in Eco dev	HOLIDAYS	Discuss the need and  main features of liberalization,  globalization and privatization.

						<p>*Define and explain a few important terms and concepts associated with balance of payments in the Indian context.</p> <p>*Discuss the role of multinational companies(MNCs) and the costs and benefits to their host and home countries and the role of government in regulating the economic activities in an economy.</p>
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<p><b>ENTREPRENEURSHIP</b></p>	<p>- Assessment of risk - Appendix Writing Notes</p>	<p>Business Arithmetic - Unit of Sale, - Unit Cost for multiple products or services</p>	<p>Break even Analysis for multiple products or services</p>	<p>Computation of Working Capital. Inventory Control and EOQ</p>	<p>Writing Notes Worksheets</p>	<p>The learner will be able to: Understand the concept of unit price Calculate Break even point for Multiple products Understand the meaning of inventory control and Economic Order Quantity Explain the concept of working capital Calculate Return on Investment Explain the concept of Return on Equity</p>
<p><b>MARKETING</b></p>	<p><b>PRICE DECISION</b> <b>Premium Pricing</b> - Leader Pricing - Psychological Pricing <b>Price Lining</b> <b>Resale Price Maintenance</b> Writing Notes</p>	<p><b>Everyday low pricing</b> <b>Team pricing</b> <b>2. Writing Notes</b></p> <p><b>PLACE AND DISTRIBUTION</b> <b>1. Explain meaning and importance of place</b> <b>2. Comprehend the functions performed by</b></p>	<p>3. Classify the types of distribution channels 4. Understand the marketing intermediaries involved in distribution channels Elucidate the functions</p>	<p>- Factors Pertaining to the Producer or Company - Other Factors <b>PROJECT DISCUSSION</b></p>	<p>SUMMER BREAK</p>	<p>Students will be able to:</p> <ul style="list-style-type: none"> <li>• Explain the concept of price decision and describe different pricing strategies such as premium pricing,</li> </ul>

		<p><b>channels of distribution</b></p>	<p>performed by the intermediaries  (A) Wholesaler  - Functions  (B) Retailer  - Functions  2. Differentiate between the wholesaler and retailer  Identify and comprehend the Factors Affecting the Selection of the Channel of Distribution  - Factors pertaining to the product  - Factors Pertaining to the Consumer or Market  - Factors Pertaining to the Middlemen</p>			<p>leader pricing, psychological pricing, price lining, everyday low pricing, and resale price maintenance.</p> <ul style="list-style-type: none"> <li>● Understand and apply various pricing approaches like team pricing and prepare structured notes on pricing concepts.</li> <li>● Explain the meaning and importance of place (distribution) in marketing and the role of distribution</li> </ul>
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						<p>channels.</p> <ul style="list-style-type: none"><li>● Classify the different types of distribution channels and identify the marketing intermediaries involved.</li><li>● Differentiate between wholesalers and retailers and analyze the factors affecting the selection of distribution channels, including product, market, middlemen, and company-related factors.</li></ul>
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<p><b>ENGINEERING GRAPHICS</b></p>	<p>Isometric projection of combination of solids : Combination of solids in vertical and horizontal positions</p>	<p>Unit 2 : Machine Drawing - Introduction and screw threads and its definitions.</p>	<p>Types of screw threads: BSW thread, Metric thread internal and Metric thread external</p>	<p>Types of screw threads : Knuckle thread and square thread. Types of bolts &amp; nuts.</p>	<p>SUMMER BREAK</p>	<p>Recognises how to draw BSW thread and Metric thread internal and external using the standard dimensions.</p>
<p><b>PSYCHOLOGY</b></p>	<p>Coping with Stress</p> <ul style="list-style-type: none"> <li>• Stress Management Techniques</li> </ul> <p>5. Promoting Positive Health and Well-being</p> <ul style="list-style-type: none"> <li>• Life Skills</li> <li>• Positive Health</li> </ul>	<p>Explanation of Psychological testing and scoring methods</p> <p><b>UT-I</b></p>	<p>Tests on:</p> <p>Intelligence</p> <p>Emotional Intelligence</p>	<p>Tests on:</p> <p>Self Concept</p> <p>Discussion of Psychological Case Profile</p>	<p><b>Summer Break</b></p>	<p>*Learners will be able to understand different model explaining about Stress.</p> <p>*They can appreciate various methods to overcome stress</p>
<p><b>PHYSICAL EDUCATION</b></p>	<p>Yoga as Preventive measure for Lifestyle Disease</p> <p>1. Obesity: Procedure, Benefits &amp; Contraindications for Tadasana, Katichakrasana, Pavanmuktasana,</p>	<p>Diabetes: Procedure, Benefits &amp; Contraindications for Katichakrasana, Pavanmuktasana, Bhujangasana, Shalabhasana,</p>	<p>Asthma: Procedure, Benefits &amp; Contraindications for Tadasana, Urdhwahastottan, UttanMandukasaa, Bhujangasana etc,</p>	<p>Hypertension: Procedure, Benefits &amp; Contraindications for Tadasana, Katichakrasana, Uttanpadasana, Ardha Halasana, Sarala Matyasana,</p>	<p>Back Pain and Arthritis: Procedure, Benefits &amp; Contraindications of Tadasana, Urdhwahastootansana, Ardh Chakrasana, Ushtrasana, Vakrasana, Sarala Maysyendrasana, Bhujandgasana, Gomukhasana,</p>	<p>*To make students Understand about the main life style diseases - Obesity, Hypertension, Diabetes, Back Pain and Asthma.</p> <p>*To teach about different Asanas in detail which can help</p>

	Matsayasana, Halasana, Pachimottansana, Ardha – Matsyendrasana, Dhanurasana, Ushtrasana, Suryabedhan pranayama.	Dhanurasana, Supta - vajarasana, Paschimottanasana, Ardha - Mastendrasana, Mandukasana, Gomukasana, Yogmudra, Ushtrasana, Kapalabhati.		Gomukhasana, UttanMandukasana, Vakrasana, Bhujangasana, Makarasana, Shavasana, Nadishodhanapranayam, Sitlipranayam.	Bhadrasana, Makarasana, Nadi Shodhana pranayama.	as a preventive Measures for those Lifestyle Diseases. *To make students Understand about the main life style diseases - Obesity, Hypertension, Diabetes, Back Pain and Asthma. *To learn about different Asanas in detail which can help as a preventive Measures for those Lifestyle Diseases.
<b>PAT</b>	Factors influencing Assessment	Assessment Tools (checklist & Rubrics) Types of Evaluation	Qualitative Assessment Qualitative Assessment	Fitness Tests UNIT 3: Emergency Response & Emergency Management	First Aid & CPR Sports Injuries and First Aid (RICE Method)	children will Understand assessment tools, evaluation types, qualitative and quantitative methods, fitness tests, and apply emergency response, first aid, CPR, and injury management techniques.

<b>SOCIOLOGY</b>	<p>Chapter 3: Completion</p> <p>Chapter 4: Introduction to Challenges to Cultural Diversity</p>	<p>Chapter 4 Challenges to Cultural Diversity continues</p> <p>Revision for Unit Test Exam</p>	<p>Chapter 4 Challenges to Cultural Diversity continues</p> <p>Project Details</p>	<p>Chapter 5: Structural Change Introduction</p>	<p>Chapter 5 Structural Change continues</p>	<p><b>Through chap 3 students will:</b></p> <p>Analyze how caste continues to structure inequality despite constitutional safeguards.</p> <p>Examine forms of exclusion faced by Dalits, Adivasis, women, and persons with disabilities.</p> <p><b>Through Chap 4 students will:</b></p> <p>Analyze how caste, religion, language, and region contribute to exclusion or conflict.</p> <p>Interpret contemporary issues such as communal riots, linguistic tensions,</p>
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						<p>or gender marginalization.’</p> <p><b>Through Chap 5 students will:</b></p> <p>Explain the meaning and dimensions of structural change.</p> <p>Identify factors that drive change in Indian society.</p> <p>Recognize the differences between gradual and rapid social change.</p> <p>Analyze the effects of industrialization, urbanization, and globalization on social institutions.</p>
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