



Class: XI

**Indian School Wadi Kabir
ISWK SHARING KNOWLEDGE
(Monthly Plan - May 2022)**

SUBJECTS	Week - 1	Week - 2	Week - 3	Week - 4	Week - 5	Learning Outcomes
ENGLISH					Hornbill: The Portrait of a Lady (Prose)	to perceive meaning and organisation of the text (i.e., to identify the central/main point and supporting details, etc., to build communicative competence)
MATHEMATICS				Sets: Sets and their representations	Empty set, Finite and Infinite sets, Equal sets, Subsets, Subsets of a set of real numbers especially intervals (with notations).	Identifies modern algebra Identifies sets, representations and types of sets
PHYSICS				CHAPTER 1-PHYSICAL WORLD : Physics--scope and	CHAPTER 3- MOTION IN A STRAIGHT LINE:	Students will be able to identify different type of forces in nature

				<p>excitement; nature of physical laws; Physics, technology and society.</p> <p>CHAPTER 3- MOTION IN A STRAIGHT LINE:</p> <p>Introduction</p> <p>Frame of reference,</p>	<p>Uniformly accelerated motion,</p> <p>Position-time graph</p> <p>Velocity – time graph</p> <p>Acceleration – time graph</p> <p>Relations for uniformly accelerated motion (graphical treatment)</p> <p>Numerical.</p>	<p>Recognise different types of motion</p> <p>Differentiate between rest and motion</p> <p>Depict various kinds of graphs</p>
CHEMISTRY				<p>Introduction Chapter 1</p> <p>Some basic concepts of Chemistry -Laws of chemical combination</p>	<p>Chapter 1-Some basic concepts of Chemistry -Atomic mass, Mole concept, Empirical and Molecular formula</p>	<p>The pupil identifies the different laws of chemical combination and applies to the different chemical reactions.</p> <p>Finds the relation between mole, mass and number of particles</p> <p>Calculates and derives Molecular formula</p>
BIOLOGY				<p>Morphology of flowering plants - Morphology of root</p>	<p>Morphology of flowering plants - morphology of stem and leaves, inflorescence</p>	<p>Explain the modifications of root and stem</p> <p>Describe the terms like venation, phyllotaxy etc.</p>

<p>ENGINEERING GRAPHICS</p>				<p>Introduction to the new subject Engineering Graphics.</p> <p>Preliminary Contents of e.g. Graphics like Drawing instruments, size shape and layout of sheets, Title block.</p>	<p>Unit 1 : Rectilinear Figures</p> <p>Definitions</p> <p>Bisection and construction of angle.</p> <p>Types of lines</p> <p>Bisection of lines</p> <p>Types of triangles</p>	<p>Students will start to know about the subject Engineering graphics and refresh the basic concepts of geometrical drawing with instruments.</p>
<p>INFORMATICS PRACTICES</p>				<p>Introduction to Computer System</p> <ul style="list-style-type: none"> ● Introduction to Computers and Computing ● Evolution of Computing devices ● Components of Computer System and their interconnections 	<p>Introduction to Computer System</p> <ul style="list-style-type: none"> ● I/O devices ● Computer Memory ● Units of Memory ● Types of Memory ● Primary and Secondary Memory ● Data Deletion and Recovery ● Security Concerns 	<p>Students will understand the Internal parts of a Computer System and the various units of Memory and their functions.</p>

COMPUTER SCIENCE				<p>Computer Systems and Organisation</p> <ul style="list-style-type: none"> ● Basic Computer Organisation ● Hardware ● Software ● I/O device ● CPU ● Memory 	<p>Computer Systems and Organisation</p> <ul style="list-style-type: none"> ● Units of Memory ● Types of Software ● Operating System 	<p>Students will understand the Internal parts of a Computer System, various units of Memory, various types of Software and OS along with their functions</p>
ACCOUNTANCY				<p>Introduction to Accounting</p> <ul style="list-style-type: none"> ● Book keeping meaning and features, Accounting meaning and features, ● Difference between accounting and book keeping 	<ul style="list-style-type: none"> ● Objectives, merits and demerits of accounting ● Accounting information and its types ● Users of accounting information 	<p>Students will gain knowledge regarding book keeping and accounting, the merits and demerits of accounting, qualitative characteristics of accounting information, users of accounting information - internal and external users</p>
BUSINESS STUDIES				<p>Foundations of Business - Part 1 Business Trade and Commerce.</p>	<p>4.Comparison of Business, Profession and Employment. 5.Classification of Business Activities. 6.Types of Industries.</p>	<p>Learning Outcomes :</p> <ol style="list-style-type: none"> 1.Students will understand the fundamentals of Business. 2.They will understand the contribution of business

				<p>1.Role of Business in the Development of Economy</p> <p>2.Concept of Business</p> <p>3.Characteristics of Business Activities</p>	<p>7.Commerce</p> <p>8.Trade and Auxiliaries to Trade.</p>	<p>activities in the growth and development of an economy.</p> <p>3.Understanding of the concepts and objectives of business.</p> <p>4.Students will Categorise business activities into occupation, profession, and employment.</p> <p>5.Students will be able to classify industries and their different types.</p> <p>6.Students will learn what's commerce,trade and auxiliaries to trade.</p>
ECONOMICS				<p>Introduction to Statistics</p> <ul style="list-style-type: none"> ● Meaning of Statistics in singular and plural sense ● Relation between Economics and Statistics ● Scope and limitations of statistics 	<p>Collection of Data</p> <ul style="list-style-type: none"> ● Primary and Secondary data ● Preparation of questionnaire ● Different modes of data collection ● Census and sample method ● Random and non-random sampling ● Census and NSSO 	<p>The students will know what the subjects of Economics and Statistics is about</p> <p>They will know the link between Economics and Statistics</p> <p>They will know the scope and limitations of Statistics</p> <p>They will understand the meaning and purpose of data collection</p>

						<p>They will distinguish between primary and secondary data</p> <p>They will distinguish between Census and sample surveys</p> <p>They will be familiar with the techniques of sampling</p> <p>They will know about some sources of secondary data</p>
ENTREPRENEURSHIP				<p>Entrepreneurship: Concept and Functions</p> <ul style="list-style-type: none"> ● Concept of an Entrepreneur ● Concept of Entrepreneurship ● Definition of an Entrepreneur ● Difference between Entrepreneur and 	<p>Entrepreneurship: Concept and Functions</p> <ul style="list-style-type: none"> ● Functions of an Entrepreneur <ul style="list-style-type: none"> - Entrepreneurial function - Managerial Function - Commercial Function - Promotional Function ● Need for Entrepreneurship ● Myths of Entrepreneurship 	<p>WEEK - 4 Outcomes</p> <p>Students will be able to:</p> <ul style="list-style-type: none"> ● Understand the concept of Entrepreneurship ● Analyze the concept of an Entrepreneur ● Hold a healthy discussion on an ideal entrepreneur ● Differentiate between an Entrepreneur and Entrepreneurship <p>WEEK - 5 Outcomes</p>

				Entrepreneurship		<p>Students will be able to:</p> <ul style="list-style-type: none"> • Classify the functions of Entrepreneurship • Understand the need for an entrepreneur in terms of economic growth • Enlist and debunk the myths surrounding the concept of entrepreneurship.
MARKETING				<p>Introduction to Concept and Definition Of Marketing</p> <ul style="list-style-type: none"> • Concept of marketing • Definition and Meaning of Marketing 	<p>Introduction to Concept and Definition Of Marketing</p> <ul style="list-style-type: none"> • Objectives of Marketing • Core Concepts of Marketing • What is a market? • 	<p>WEEK - 4 Outcomes</p> <ul style="list-style-type: none"> • Students will be able to explain the meaning and concept of marketing • Understand the concepts of manufacturers, retailers, marketers • Understanding of Marketing concept in day to day life • Differentiate between manufacturer and marketer <p>WEEK - 5 Outcomes</p>

						<p>Students will be able to:</p> <ul style="list-style-type: none"> ● State and explain the core concepts of marketing ● Classify the various types of markets ● State and explain the objectives of marketing. ● Understand marketing by understanding need, wants, demands, market offerings
PSYCHOLOGY					<p>What is Psychology? Introduction- Evolution of Psychology - Development of Psychology in India</p>	<p>Students understand the nature and role of psychology in understanding mind and behaviour, the state of growth of the discipline and appreciate the value of psychology in daily life to help them understand themselves and others better.</p>
PHYSICAL EDUCATION				<p>Changing Trends & Career in Physical Education</p>	<p>Aims & Objectives of Physical Education Career Options in Physical Education</p>	<p>-Identify the aims and objectives of Physical Education</p>

				Meaning & definition of Physical Education	Practical-Physical Fitness Test	-Explore different career options in the field of Physical Education
SOCIOLOGY				Introduction to Sociology Chap 1: Sociology & Society (Introduction)	Chap 1: Sociological Imagination, Pluralities in Society, Intellectual and material influences that led to the emergence of Sociology, Sociology as being different from common sense and philosophical reflections.	To understand the meaning of Sociology, how it emerged as a social science, how it is different from common sense & philosophy To explore the definition of Sociology & society and what it studies & how it is studied, to understand the meaning of 'sociological imagination', to historical trace the intellectual and material factors that gave rise to the discipline of sociology in the West



Class: XI

**Indian School Wadi Kabir
ISWK SHARING KNOWLEDGE
(Monthly Plan - June 2022)**

SUBJECTS	Week - 1	Week - 2	Week - 3	Week - 4	Week - 5	Learning Outcomes
ENGLISH	Short writing task – Poster					using appropriate Writing format and fluency, inference, analysis and creativity
MATHEMATICS	Universal set. Venn diagrams. Union and Intersection of sets. Difference of sets.					Acquire the knowledge of sets, operations on sets. Apply the knowledge in relevant situations.
PHYSICS	CHAPTER 3- MOTION IN A STRAIGHT LINE: Relative velocity Numericals					Able to recognise graphical representation of velocities Mathematical ability to solve numericals Logical thinking of solving numericals
CHEMISTRY	Chapter 1 - Some basic concepts of Chemistry -					The pupil calculates the amount of different entities present in a

	Stoichiometric calculations					chemical reaction using stoichiometry
BIOLOGY	Morphology of flowering plants - Flower, fruit and seed	Morphology of flowering plants - Family				Explain the different terms associated with the structure of flower Draw diagrams - aestivation and placentation Identify the family
ENGINEERING GRAPHICS	Types of quadrilaterals	Types of polygons	Summer break	Summer break	Summer break	Students will familiarise with drawing of different types of quadrilaterals and polygons using instruments.
INFORMATICS PRACTICES	Introduction to Computer System <ul style="list-style-type: none"> ● Software ● System Software ● Application Software ● Generic and Special Purpose Software 	Introduction to Python <ul style="list-style-type: none"> ● Basics of Python Programming ● Python Interpreter ● Interactive and Script Mode ● The structure of a Python Program. 	Summer Break	Summer Break	Summer Break	Students will understand the different types of software and Basic structure of a python program, Interactive Mode and Shell mode of Python IDLE.

<p>COMPUTER SCIENCE</p>	<p>Computer Systems and Organisation</p> <ul style="list-style-type: none"> • Boolean Logic - NOT, AND, OR, NAND, NOR, XOR Gates • Number System 	<p>Computer Systems and Organisation</p> <ul style="list-style-type: none"> • Binary Number System • Octal Number System • Decimal Number System • Hexadecimal Number System 	<p>Summer Break</p>	<p>Summer Break</p>	<p>Summer Break</p>	<p>Students will understand the different Boolean Gates and Number System used and their conversions with Computer Organisation.</p>
<p>ACCOUNTANCY</p>	<p>Differences between single and double entry Chapter- 2 - Terminologies in accounting</p>	<p>Terminologies of accounting viz., business transaction, entity, Account, Capital, Drawings, Types of assets, Types of liabilities,</p>	<p>Summer Break</p>	<p>Summer Break</p>	<p>Summer Break</p>	<p>Students will gain knowledge regarding the systems of accounting viz - single entry and double entry.</p> <p>Students will be able to understand different accounting terminologies</p>

		expenditure, Receipts				
BUSINESS STUDIES	Chapter 1 Business, Trade and Commerce 9.Objectives of Business. 10.Nature of Business risks 11.Cause of Business risks	Summer Break	Summer Break	Summer Break	Summer Break	Learning Outcome : Students will be able to 1.List the objectives of Business. 2.Understand the concept of Business risks and the causes of business risks.
ECONOMICS	Organisation of Data <ul style="list-style-type: none"> ● Raw data and processed data ● Classificat ion of data ● Frequency Distributio n 	Organisation of Data <ul style="list-style-type: none"> ● Inclusive and exclusive method of classification 				<ol style="list-style-type: none"> 1. The students will know why organisation of data is required 2. They will know the distinction between qualitative and quantitative classification 3. They will know how to prepare a frequency distribution
ENTREPRENEURSHIP	Unit 1: <ul style="list-style-type: none"> ● Advantage s of 	Summer Break	Summer Break	Summer Break	Summer Break	WEEK - 1 Outcomes Students will be able to:

	<p>Entrepreneurship</p> <ul style="list-style-type: none"> • Disadvantages of Entrepreneurship • Process of Entrepreneurship 					<ul style="list-style-type: none"> • Appreciate and interpret the advantages of entrepreneurship • Based on the advantages the students will be able to sketch the disadvantages of entrepreneurship • Understand and use mind maps to ascertain the process of entrepreneurship
MARKETING	<p>Chp 1: Introduction to Marketing</p> <ul style="list-style-type: none"> • Scope of Marketing • Importance of Marketing 	Summer Break	Summer Break	Summer Break	Summer Break	<p>WEEK - 1 Outcomes Students will be able to:</p> <ul style="list-style-type: none"> • Describe the scope of marketing in terms of markets, people, places, events and ideas • Relate the scope of marketing in real time • Analyze the need for marketing
PSYCHOLOGY	<p>What is Psychology? Psychology and Other Disciplines</p>	Summer Break	Summer Break	Summer Break	Summer Break	<p>Goals and the nature of psychological enquiry is explained. Students understand different types of data used by</p>

	- Psychology in everyday life					psychologists, learn to describe some important methods of psychological enquiry and also understand the methods of analysing data.
PHYSICAL EDUCATION	Competitions in various sports at national and international level	Khelo-India Program Practical-Physical Fitness Test				-Classify various sports competitions at National and International level -Understand Khelo India Programme
SOCIOLOGY	Chap 1: Sociology in India, Scope of Sociology and relation to disciplines like history, economics, psychology, political science & social anthropology To be introduced to and assigned PROJECTS					To understand how India's colonial past influenced the practice of Sociology in India, to discuss the meaning of society and see how sociologists understand and view and study this. To explore the interdependence and differences in approaches across different social sciences and Sociology, thereby mapping out its unique and comprehensive scope.

						<p>Students also learn key terms and interesting concepts in Sociology along with their meanings in the social context.</p> <p>To help students understand the PROJECT to be undertaken to be worked on during the Summer break.</p>
--	--	--	--	--	--	--