VIVEKANAND PUBLIC SCHOOL
Class-XI
Curriculum Planner for 2023-24
Subject- Accountancy

Chapter Name	No Of Periods	Learning Outcome
CH-1 : Introduction to Accounting -	6	After going through this Unit, the students will be able to: describe the significance, objectives, advantages and limitations of accounting in the modern economic environment with varied types of business and non business economic entities. identify/recognize the individual(s) and entities that use accounting information for serving their needs of decision making explain the various terms used by the learners as new entrants in the area of accounting and to differentiate between different related terms like current & non current, capital & revenue. Give examples of terms like business transaction liabilities, assets, receipts, expenditure and purchases. Explain that sales include both cash and credit sales/purchase relating to the accounting year. differentiate among income, profits and gains
CH-2: Theory Base of Accounting	6	State the meaning of accounting assumptions and their relevance in accounting. Explain the various accounting assumptions. Describe the meaning of accounting principles and the situations in which a principle is applied during the accounting process. acknowledge the fact that recording of accounting transactions follows double entry system . Appreciate that various accounting standards developed nationally and globally are in practice for bringing parity in the accounting treatment of different items.
CH-3: Recording of Transactions-I Accounting equation	8	Explain 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
CH-4: Recording of Transactions-II Origin of transactions	10	. Explain the effect of a transaction (increase or decrease) on the concerned assets, liabilities, capital, revenue and expenses. Appreciate that on the basis of source documents accounting vouchers are prepared for recording transactions in the books of accounts. Develop the understanding of recording of transactions in journal. Explain the purpose of maintaining a Cash Book and develop the skill of preparing the format of different types of cash books and the method of recording cash transactions in Cash Book. Describe the method of recording transactions other than cash transactions as per their nature in different Subsidiary books according to their nature.
CH-5 :Preparation of Bank Reconciliation Statement, Ledger& Trial Balance	10	. Appreciate that for ascertaining the position of individual accounts transactions are posted from subsidiary books and general proper into the concerned accounts in the ledger and develop the skill of doing ledger posting state the need and objectives of preparing trial balance and develop the skill of preparing trial balance.
CH-6 : Trial balance	8	Appreciate that at times bank balance as indicated by cash book is different from the bank balance as shown by the pass book/bank statement and to reconcile both the balances bank reconciliation statement is prepared.

CH-7: Depreciation, Provisions and Reserves & Rectification of Errors	10	.Explain the necessity of providing depreciation and develop the skill of using different methods for computing account. Appreciate the need for creating reserves and also making provisions for events which may belong to the current year but may happen in next year. Depreciation. Understand the accounting treatment of providing depreciation directly to the concerned asset account or by creating provision for depreciation account. Appreciate the method of asset disposal through the concerned asset appreciate that errors may be committed during the process of accounting understand the meaning of different types of errors and their effect on trial balance.
CH-8: Financial Statements - objective and importance.	6	Describe the meaning of financial statements and the purpose they serve. State the meaning of gross profit, operating profit and net profit and develop the skill of preparing Trading Account.
CH-9 : Financial Statements II	8	Develop the knowledge and understanding to do adjustments for items and their presentation in financial statements like depreciation, closing stock, provisions etc
Ch-11 : Rectification of Error	8	To explain types of errors and their examples and rectification the errors To explain meaning and utility of suspense A/C and maintain Suspense A/C.

VIVEKANAND PUBLIC SCHOOL
Class-XI
Curriculum Planner for 2023-24
Subject- Biology

Chapter Title	Pds	Learning Outcome
Ch-1,The Living World	5	- To differentiate organisms based on certain characteristics, Apply scientific terminology for organisms based on Binomial nomenclature, Describe contribution of scientists in systematic evolution
Ch-2, Biological Classification	6	To explain classification and relationship with other disciplines by relating interdisciplinary concepts -To compare different classification systems of five kingdom classification To understand salient features of different kingdoms
Ch-3, Plant Kingdom	8	To classify different plant groups based on certain characteristics To establish interrelationship among different plant groups based on certain characteristics To understand the economic importance of various plants in everyday life
Ch-4, Animal Kingdom	10	To understand classification of different animal phylums based on on certain identifying characteristics To establish interrelationship among different animals groups based on certain characteristics To understand the importance of various animals in everyday life
Ch-5, Morphology of Flowering Plants	10	-To know about Parts of a plant, To understand structure and functions of different Parts of a plant To understand modifications in plant parts & their functions
Ch-6, Anatomy of Flowering Plants	6	To understand different types of Tissues in plants To understand anatomy of monocot & dicot plants

Ch-7, Structural Organisation in Animal World	6	To know the process of secondary growth in plants To understand different types of Tissues in animals To establish evolutionary relationship among different animals groups based on certain characteristics To understand anatomy and functions of different systems of frog
Ch-8, Cell: The unit of life	8	To understand cell and cell theory, To differentiate between Prokaryotic and Eukaryotic cell To know role of each organelle in a cell
Ch-9, Biomolecules	8	-To know about micro & macro molecules To understand chemical composition of biomolecules, To understand types & working of enzymes To know about cofactors and relate them with biomolecules
Ch-10, Cell Division and Cell Cycle	8	To understand types & process of cell division, To understand salient features of each stage of cell cycle To know about significance of cell division in body growth
Ch-13, Photosynthesis in Higher plants	6	To study about the process and site of photosynthesis, To understand role of different pigments & their relation in energy production, To know the difference between C3 & C4 plants and their working.
Ch-14, Respiration in plants	6	To understand the mechanism of respiration in plants, To understand the process of energy formation in glycolysis and kreb cycle and concept of RQ.
Ch-15, Plant growth and development	8	To get awareness about characteristics and phases of growth in plant tissues To understand the role of hormones in regulating growth of plants
Ch-17,Breathing and exchange of gases	8	To know about structure and function of organs of respiratory system in humans, mechanism of breathing and gaseous exchange and associated disorders

Ch-18, Body fluids and circulation	8	Students will learn about blood and Lymph To understand about structure and function of Heart, Cardiac activity Regulation and associated disorders in humans
Ch-19, Excretory products and their elimination	5	Students will learn about structure of excretory system, need & process of urine formation in human and associated disorders
Ch-20, Locomotion and movement	5	To understand Structure and types of muscles, To understand working of muscles To know about muscle associated disorders
Ch-21, Neural control and coordination	6	To learn about structure & working of neuron & brain, To understand process of Reflex action, To know neural disorders,
Ch-22, Chemical control and coordination	8	Learners will know about Endocrine system and Hormones, Mechanism of hormonal action and associated disorders

VIVEKANAND PUBLIC SCHOOL
Class-XI
Curriculum Planner for 2023-24
Subject- Business Studies

CHAPTER NAME	PERIOD	LEARNING OUTCOME
CHAPTER-1 Evolution and Fundamentals of Business	08	Learners will be able to understand the history of trade and commerce and meaning of business, industry, trade and commerce.
CHAPTER-2 Forms of Business Organizations	12	Learners will be able to list different forms of business organizations and understand their meaning and explain the stages of formation of company..
CHAPTER-3 Public, Private and Multinational Companies	09	Learners will be able to identify the public sector and private sector enterprises and explain different forms of public sector enterprises. Learners will also be able to discuss MNCs, Joint Venture & Public Private Partnership.
CHAPTER-4 Business Services	10	To make the learners understand different types of bank accounts and banking services. and recall the concept of insurance.
CHAPTER-5 Emerging Modes of Business	08	To enable the learners know the scope, benefits of e-business and distinguish it with traditional business. To make the learners to state Outsourcing and its benefits.
CHAPTER–6 Social Responsibility of Business and Business Ethics	09	Make the learners know about the concept of social responsibility and appreciate the role of business in environment protection & Business Ethics.
CHAPTER – 7 Sources of Business Finance	10	Learners will be able to know the meaning and features of different sources of finance and classify them into owners fund and borrowed funds.
CHAPTER – 8 Small Business and Enterprises	09	Learners will be able to understand the meaning and role of small business in India and state the concept of Entrepreneurship Development and Intellectual Property Rights.
CHAPTER – 9 Internal Trade	10	To enable the learners to know the services fo wholesalers and Retailers and explain different types of Retail Trade.
CHAPTER – 10 International Trade		The learners will be able to understand the concept and benefits of international Trade. To enable learners to state export and import procedure & role of WTO.

VIVEKANAND PUBLIC SCHOOL
Class XI
Curriculum Planner for 2023-24
Subject- Chemistry

Chapter Name	No. of Periods	Learning Outcome
Chapter-1 Some Basic Concepts of Chemistry	10	Student will be able to: - • the distinction between qualitative and quantitative chemical. analysis • How to use the scientific method to create, test, and evaluate a hypothesis. • the determination of the molar mass of an unknown nonelectrolyte and an unknown electrolyte • Students will gain an understand the fundamental properties of atoms, molecules, and the various states of matter of: stoichiometric calculations of chemical equations • to determine the quantities of reactants and products, limiting reagent problems, and enthalpies of reactions
Chapter-2 Structure of Atom	10	Students will gain an understanding of: • the fundamental properties of atoms, molecules, and the various states of matter with an emphasis on the particulate nature of matter • fundamental atomic structure and the periodicity of elements in the periodic table • writes the electronic configuration of elements. • Filling of electrons in orbitals
Chapter-3. Periodic table	10	The students will be able to • Understand about the periodic classification of elements • Cherish with the essentials of Mendeleev and Modern periodic table • Classify the elements into different blocks viz. models and get a detailed idea of their general characteristics • Know about the periodic properties viz. Ionisation enthalpy, electron gain enthalpy. • Electronegativity, ionic and atomic radii and their variations in the given form of the periodic table • Correlate various elements and their physical properties in the periodic table

Chapter-4. Chemical Bonding and Molecular Structure	15	The students will be able to • Understand the different approaches to types of chemical bonding • Explain the rules to write the Lewis structures of simple molecules and the limitations involved • Calculate the formal charge of atoms present in the Lewis structures which will give an idea of actual shapes of molecules • Explain the Bond parameters viz., Bond angle, Bond length, Bond enthalpy and Bond order which would give a complete knowledge of electronic concept of structures of the molecules • Describe the VSEPR theory and its significance in predicting the anomalous change in geometry of molecules due to different kinds of electronic interactions • Give an account of VB theory that predicts the geometry of molecules in terms of the concept of hybridization • Explain the concept of resonance • Describe the concept of hydrogen bonding
Chapter-5. States of Matter	12	The students will be able to • Explain different states of matter and the forces existing in them • Explain the different laws governing ideal gases and their applications in day-to-day life • Describe the essential conditions required for liquification of gases • Different properties of liquids based on intermolecular force of attraction
Chapter-6. Thermodynamics	08	The students will be able to • The concept of System and surroundings in thermodynamics and their types • First law of thermodynamics in terms of internal energy, work and heat. • Relationship between internal energy and enthalpy changes and the formulation of Hess's law • Intensive and Extensive properties of a system • Different types of enthalpy changes involved in terms of Hess's law • Determination of enthalpy of combustion - Bomb calorimeter • Gibbs free energy, entropy, and the concept of spontaneity

Chapter-7. Equilibrium	12	The students will be able to • Understand the equilibria existing between different states of matter • Explain the characteristics of chemical equilibrium and equilibrium constant • Bring out the relationship between equilibrium constants at different conditions • Classify substances as acids and bases on the basis of different theories • Explain different important concepts of equilibrium viz., pH scale, ionic product of water, common ion effect, buffer solution • Understand and calculate solubility product • Solve problems pertaining to this chapter
Chapter-8. Redox reactions	12	The students will be able to • Electronic concept of oxidation and reduction • Basic principles involved in redox reactions • Mechanism of electron transfer involved in redox reactions • Calculation of oxidation numbers in terms of electron transfer • Various kinds of reactions in terms of redox reaction • Balancing of redox reactions using i) oxidation number method ii) half reaction method; • Electrochemistry of redox reactions as a tool for future knowledge
Chapter-9. Hydrogen	12	The students will be able to • Discuss the position of hydrogen in the periodic table • Explain the preparation, properties and uses of dihydrogen • List out the different types of hydrides and their significance • Describe the structure of water in its different physical forms • Recall the behaviour of water under different chemical environment • Identify the sources of hard water and soft water • List out the Methods to get rid of temporary and permanent hardness of water • Explain the preparation and important characteristics of hydrogen peroxide

Chapter-10. The s-block elements	10	The students will be able to • Discuss the position of hydrogen in the periodic table • Explain the preparation, properties and uses of dihydrogen • List out the different types of hydrides and their significance • Describe the structure of water in its different physical forms • Recall the behaviour of water under different chemical environment • Identify the sources of hard water and soft water • List out the Methods to get rid of temporary and permanent hardness of water • Explain the preparation and important characteristics of hydrogen peroxide
Chapter-11. The p-block elements	10	The students will be able to • Discuss the position of hydrogen in the periodic table • Explain the preparation, properties and uses of dihydrogen • List out the different types of hydrides and their significance • Describe the structure of water in its different physical forms • Recall the behaviour of water under different chemical environment • Identify the sources of hard water and soft water • List out the Methods to get rid of temporary and permanent hardness of water • Explain the preparation and important characteristics of hydrogen peroxide
Chapter-12. Organic chemistry-Some basic principles and techniques	18	The students will be able to • Interpret the structure of molecules in different ways • Classify and give the nomenclature of organic compounds in trivial and IUPAC system. • Explain about different types of isomerism exhibited by organic compounds • Bring out the effect of electronic displacements on structure and reactivity of organic compounds • Understand the methods of purification of organic compounds • Explain in detail the qualitative and quantitative aspects of organic compounds.

Chapter-13. Hydrocarbons	10	The students will be able to • Name the different kinds of hydrocarbons according to common and IUPAC nomenclature • Identify and write the structures of isomers of aliphatic and aromatic hydrocarbons • Know different forms arise due to free rotation of C-C bond in alkanes(conformers) • Discuss on Preparations and Properties of alkanes, alkenes, alkynes and arenes • Define Geometrical isomers(cis-trans) arising due to the restricted rotation about C=C • Explain resonance and extra stability of benzene • Describe directive influence of functional groups on the aromatic ring system. • Explain Carcinogenicity and Toxicity in aromatic hydrocarbons
Chapter-14. Environmental chemistry	10	The students will be able to • Define environmental chemistry • Define atmospheric pollution • Explain greenhouse effect • Explain causes of acid rain • Relate the various factors which cause the depletion of ozone layer • Recognize the factors which cause water pollution • Explain soil pollution • Methods to control pollution • Importance of green chemistry in our day-to-day life

VIVEKANAND PUBLIC SCHOOL
Class-XI
Curriculum Planner for 2023-24
Subject- Computer Science

Chapter Name	No of Periods	Learning Outcome
Ch-1 Computer System organization	5pds	Gain basic knowledge about basic structure of computer I/O devices System s/w Application s/w
Ch- 2 Data Representation & Boolean Logic	15pds	Understood the fundamental of numerical data representation and manipulation in Digital computer. Learner understand how logic relates to computing problems be able to represent Boolean logic problems as: • Truth tables • Logic circuits • Boolean algebra Learner will have a feeling for how electronic circuits can be joined together
Ch- 3 Computational thinking and getting started with Python	5pds	To able to relate gained theory knowledge in practical's and daily life. Learner identifies the working of the python .
Ch- 4 python Fundamentals	9pds	Students acquaint with elementary Concepts of Python
Ch – 5 Conditional & Looping Constructs	21pds	Learner will be able to Use conditional statements if, elif and else Use Jump statements Iteration statements.
Ch- 6 String in Python	21 pds	Learner will be able to create strings and string programs
Ch- 7 list in Python	27 pds	Understand the basics of Lists and how they are implemented in Python Understanding Algorithm of different techniques of sorting
Ch -8 Tuples & dictionary	27 pds	learners will explore the Python documentation for different tuple methods. Learner will be to decide when to use a dictionary · Understand how a dictionary allows us to represent attributes with keys and values
Ch-9 Introduction to Python Modules	18 pds	Learner Understand the difference between module, Library & Package. Learners learns the different ways of calling modules in their
Ch- 10 Society Law & Ethics	9pds	Learner would identify the Laws and ethic's they must use when access internet Learner would be able to take security precautions when they go online.
Ch -11 Cyber Safety	9pds	Identify some of the factors driving the need for cyber safety · Identify and classify particular examples of attacks

VIVEKANAND PUBLIC SCHOOL
Class-XI
Curriculum Planner for 2023-24
Subject- Economics

CHAPTER NAME	NO OF PERIODS	LEARNING OUTCOME	INNOVATIVE TEACHING PEDAGOGY/ART INTEGRATION
Microeconomics:- Chapter-1:- Introduction	10	Making the learners understand about what is Economics and what are central problems and the concept of PPC.	Planning a game by alloting role to each group of 5-6 students as government, resources, technology and two goods guns and butter and making the learners utilise their role to understand the concept of PPC.
Chapter-2:-Consumer equilibrium and Utility.	10	Learners will be able to know about how a rational consumer attains his equilibrium position through utility approach and Indifference Curve approach.	Preparation of a vocabulary book of terms used in the chapter and their meaning and preparation of concept tree using the topics done from the chapter. This activity will enhance the Creative skills of the learners.
Chapter-3:-Theory of Demand	12	Learners will be able to identify the concept of demand and factors affecting demand for a commodity and how the demand changes due to certain factors.	Preparation of a Hypothetical demand schedule of an individual consumer and plotting of the demand curve for the same and preparing a PPT on the factors affecting demand and changes in demand.
Chapter-4:-Elasticity of demand	8	To enable the learners compute the price ekasticity of demand using proportionate method and understand the use of elasticity of demand in day to day life.	Making of concept map and exit ticket for the calculation of Elasticity of demand using formula by the learners and poster making for the degrees of elasticity of demand.
Chapter-5:- Production Function	10	To enable the learners to understand the relationship between inputs and output and short run production function.	Preparing of powerpoint presentation on the law of variable proportions combining fixed and variable factor inputs.
Chapter-6:-Cost	5	The learners will be able to understand the types of costs	Preparation of Lap Book by including the important

		incurred on production of a commodity and relationship between them.	keypoints and terms from the chapter and construction of cost curves in the Lap book.
Chapter -7: Revenue	5	The learners will be able to understand the types of revenue and the relationship between them	Construction of TR, AR and MR curves. Through this activity Demonstrative skills will be enhanced.
Chapter-8:-Producers Equilibrium	5	The learners will be able to understand the attainment of producer equilibrium position through MR and MC approach.	Construction of MR and MC curves to show producer equilibrium position.
Chapter-9:-Supply and Elasticity ofSupply	10	To Enable the learners to identify the meaning of supply and factors affecting supply and Change in Supply.	Preparing of a PPT on supply and its Determinants and computation of elasticity of supply using given data.
Chapter-10:-Main market forms and price determination.	25	To enable the learners to studythe basic features of perfect and imperfect market forms and compare the different market forms on the basis of their features and how price is determined under perfect competitive market.	Preparation of a comparison chart of all market forms on the basis of their relative features. Creative skills will be enhanced through this activity.
Statistic:- Chapter-1:- Introduction	10	To enable the learners to know about the function and limitations of statistics and reasons for studying Statisticsin Economics	Designing a crossword puzzle on the terms used in the chapter and open flow chart using different shapes to conceptualize functions and limitations of Statistics.
Chapter-2:- Collectionof Data	8	Make the learners know about Primary and Secondary Data and Census and Sample method of collecting statisticaldata.	Preparation of Lapbook for differentiation between Primary and Secondary Data and Census and Sample Methods.
Chapter-3:- Organisation of Data	7	To enable the learners to knowthe application of organisation and classification in day to daylife and construction of simple and cumulative frequencydistribution.	Preparation of a photo album where the learners can store pictures related to use of Organisation andClassification of Data in real life.
Chapter-4:- Tabulationof Data	5	Enabling the learners to understand the format of a table and how to construct a table using the giveninformation.	Preparation of a scrap book containing the blank format of a table and labelling of main parts of it and rules for constructing a table showing some constructed tables in theirscrap book
Chapter-5:- Diagrammatic Presentation of	10	Enabling the learners to know about the Various diagrams and their construction and the	Preparation of interactiveDiagram booklet using different

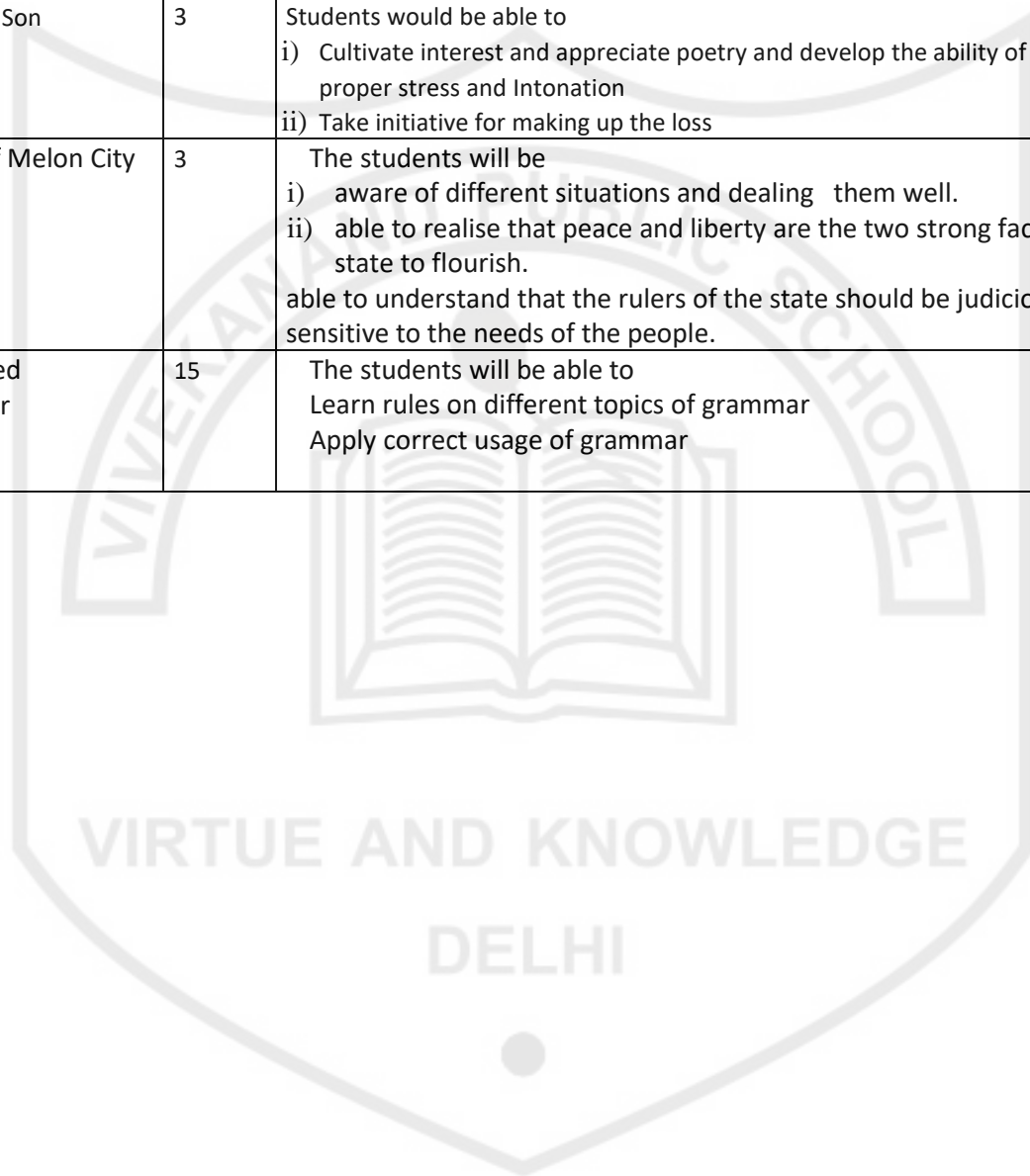| Data		advantages of diagrammatic presentation.	diagrams and theuse of diagrams in practical life for a layman.
Chapter-6:-Graphic Presentation	10	Learners will be able to know the construction of various graphs in Statistics and their application in real life.	Preparation of a Graph notebook where all the graphs can be represented by the learners along with the given data for reference.
Chapter-7:-Measures of Central Tendency(Mean and Median)	10	Learners will be able to identifythe computation of ArithmeticMean, Weighted mean, combined mean and median.	Preparing of formula chartcontaining formulae of all measures of central tendency by all methods in all the series.
Chapter-8:-Measures of Central Tendency(Mode and Quartiles)	10	Learners will be able to identifythe computation of Mode by formula method and Quartiles in all series.	Preparation of a formula chart on A3 Size sheet to conceptualize all the formulaes of computing mode and quartiles.
Chapter-9:-Measures of Correlation	10	Learners will be able to identifythe computation of Correlation Coefficient by Karl Pearson Method and Spearman Rank Correlation.	Preparation of a formula chart on A3 Size sheet to conceptualize all the formulaes of computing Correlation Coefficient
Chapter-10:-Index Numbers	15	To enable the learners to understand the concept of base year, index numbers and the methods of calculation index numbers-SimpleAggregative Method, Simpleaverage of price relatives method and Laspeyres andPaasches method.	Preparing a multidisciplinary projecton 'how index numbers are useful in business and accounting.' Thinking skills will be enhanced through this activity.

VIVEKANAND PUBLIC SCHOOL
Class-XI
Curriculum Planner for 2023-24
Subject- English

TOPIC	No Of Periods	LAERNING OUTCOMES
Unseen Passage (Reading skill)	**3**	1. Acquainting the students with reading comprehension strategies and skills that facilitate their understanding and analyzing of written texts effectively and easily. 2. Cultivating in the students the love for reading, and developing their oral and silent reading skills; also training students on critical reading and thinking.
Poster (Writing Skill)	**2**	To express ideas aesthetically and relevantly with definition in purpose, expressions, grammar usage, format usage, relevant vocabulary
The Portrait of a Lady	3	Students will be able i) to develop an independent attitude in thought and action ii) to improve working relations and respect for identities in relation to other people iii) to show care and concern for animals iv) to accept and manage the situations with patience and tolerance
A Photograph	3	The students will be able to i) understand the importance of human relationship. ii) understand that both the moments of life have been permanently etched in the poet's mind with a feeling of eternal loss. iii) understand that death has overpowered the innocence of those moments and the pleasure they treasured
The Laburnum Top	3	Students will be able to i) comprehend the poem, identify figures of speech ii)inculcate the value of admiring nature
'The Summer of The Beautiful White Horse'	3	Students will be able to i) learn to apply the literal, interpretative, and critical level in analyzing a short story. ii) appreciate and enjoy humour inculcate values like honesty, trust and responsibility
Note Making	*4*	Students will be able to i) stay active and engaged during the lectures, reading and revision ii) to be selective and help identify key ideas iii) remember the content iv) organize their ideas and make connections
Advertisements (Writing Skill)	*7*	to construct own messages to convey the meanings they intend and to evoke the responses they desire. To let them learn persuasive techniques used in advertising.
Speech/debate (Writing Skill)	4	Students will be able : i)to organise their thoughts and express freely. ii) To relate their writing skills with real life situations. iii)To develop an interest towards writing thus enhancing their writing skills
Business Letters/Official Letters	i) 6 6	ii) to organise their thoughts and express freely. iii) To develop an interest towards writing thus enhancing their writing skills.
We're not afraid to die. if we all can together	4	The students will be able to i) understand the expressions and phrasal verbs used in the lesson and their usage ii) realise that hazardous experience teaches one to face the adverse circumstances with courage

		iii) understand that presence of mind along with the practical knowledge is important to take instant decisions
'Discovering Tut: The Saga Continues'	4	Students will be able to i) understand, enjoy and appreciate a factual text ii) develop inquisitiveness towards historical events and people

'Landscape of The Soul	5	Students would be able to i) develop an independent attitude in thought and action ii) learn the importance of Arts iii) differentiate between different genre of Arts .
'The Voice Of The Rain'	3	Students would be able to i) comprehend the poem, identify figures of speech ii) draw a comparative study between human life and nature iii) grasp the theme and meaning of the poem.
'The Ailing Planet'	4	Students would be able to i) sensitize themselves towards the earth and environment ii) inculcate the values of leadership and contribute to make our Earth green.
'The Address'	4	Students will be able to i) to inculcate values like courage, empathy, sensitivity, critical thinking and maintaining relations ii) develop the comprehensive skill, language skill and analytical skill
Ranga's Marriage'	5	Students will be able to i) realise the influence of the English language and Western culture in villages. ii) understand that the story brings out the conflict between tradition and modernity and shows how tradition is deep-rooted in our culture.
'Albert Einstein at School'	3	Students would be able to i) express their understanding through discussions ii) skim and scan the words according to their meaning iii) make connections between similar situations in different storylines/life experiences
'Mother's Day'	6	Students would be able to i) develop their basic skills of language ii) develop their reading skills and listening skills iii) comprehend the role of a mother and inculcate values of respect and obedience
'Childhood'	3	Students would be able to i) comprehend the poem, identify figures of speech ii) recognize the purpose of human loss and the hidden pathos and nuances of the lines, correlating them with personal experiences to build up didactics, empathy and sympathy .
The Adventure	4	Students would be able to i) to demonstrate their knowledge of the different genres of science fiction and differentiate the sub genres ii) to identify the elements of science fiction in the story 'The Adventure'
Birth	4	Students would be able to i) unfold their logical thinking skills ii) identify the problem; considering the options; weighing the pros and cons of each option
Article (Writing Skill)	*2*	1. To enable the learners to develop an interest towards writing. 2. Their planning and organizing techniques would be enhanced. 3. They would be able to research on any subject and derive information from facts and present him in the form of a written piece.

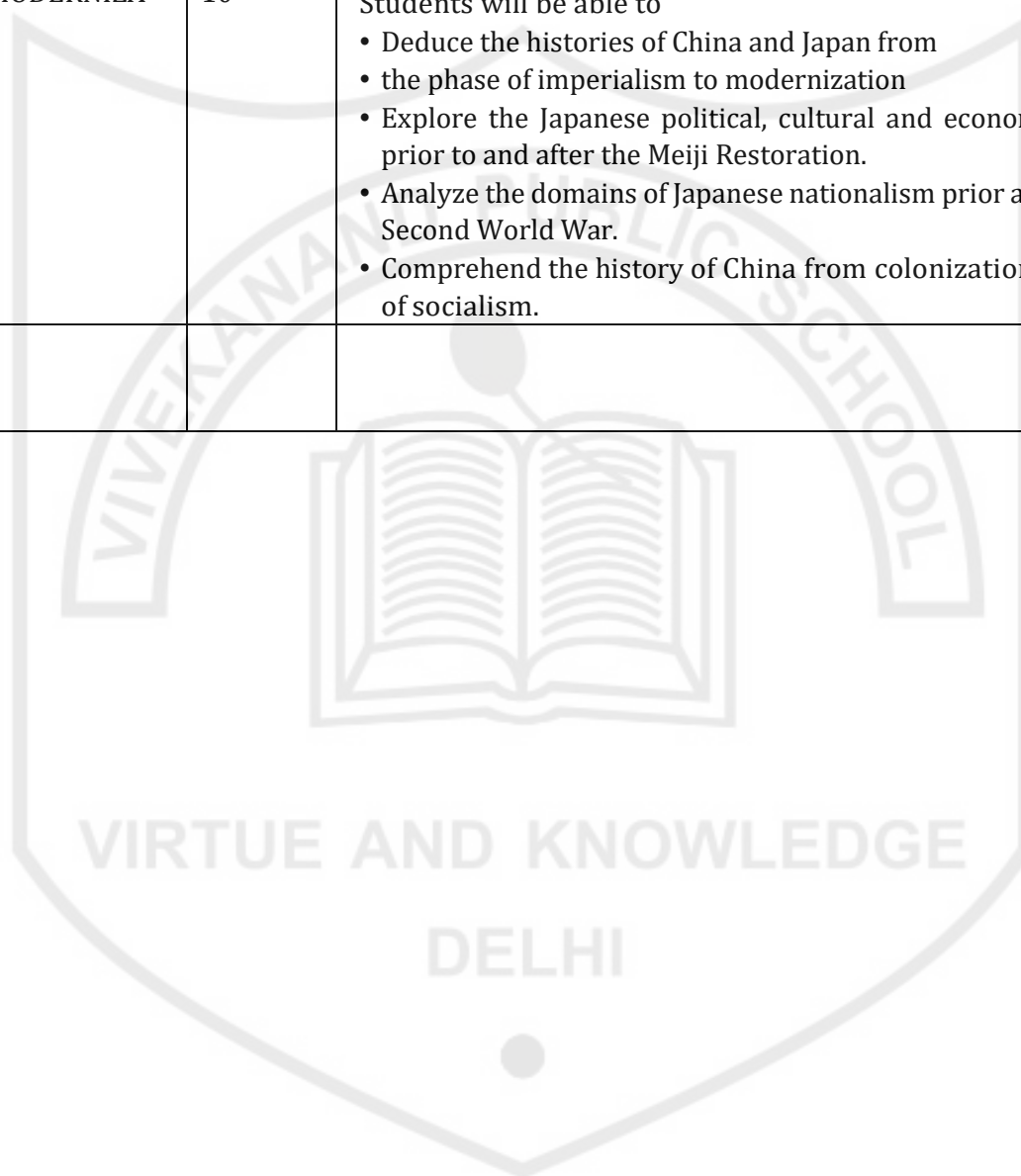|		1. Their creative writing would be analysed.
Browning Version	4	Students would be able to i) Understand and experiment on the making of a play. ii) Appreciate drama as a literary form with its different attributes – Plot, characterisation, dialogue, sequence of actions/events, climax etc. iii) Understand the importance of maintaining restraint while speaking to and about teachers, or anyone for that matter.
Silk Road	4	Students would be able to i) Understand the importance of silk road ii) Know about goods tradedon this route iii) Know about the hilly atmosphere and culture.
Father to Son	3	Students would be able to i) Cultivate interest and appreciate poetry and develop the ability of reading with proper stress and Intonation ii) Take initiative for making up the loss
A Tale of Melon City	3	The students will be i) aware of different situations and dealing them well. ii) able to realise that peace and liberty are the two strong factors for a state to flourish. able to understand that the rulers of the state should be judicious and sensitive to the needs of the people.
Integrated Grammar	15	The students will be able to Learn rules on different topics of grammar Apply correct usage of grammar

VIVEKANAND PUBLIC SCHOOL

Class-XI
Curriculum Planner for 2023-24
Subject- History

CHAPTER NAME	NO. OF PERIODS	LEARNING OUTCOME
Writing and City Life	9	Students will be able to:- • Compare and analyze the transformation from Neolithic to Bronze Age Civilization in order to understand the myriad spheres of human development.
An Empire across Three Continents	7	Students will be able to: Explain and relate the dynamics of the Roman Empire in order to understand their polity, economy, society and culture. Analyze the implications of Roman's contacts with the subcontinent Empires
Nomadic Empires	10	Students will be able to: • Identify the living patterns of nomadic pastoralist society. Trace the rise and growth of Genghis Khan
The three Orders	10	Students will be able to: • Explain the myriad aspects of feudalism with special reference to first, second, third and fourth order of the society. Assess the 14th century crisis and rise of the nation states .
Changing Cultural Traditions	10	Students will be able to • Analyze the causes, events, and effects of the Renaissance, Reformation, Scientific Revolution, and Age of Exploration. • Relate the different facets of Italian cities to understand the characteristics of Renaissance Humanism and Realism. Compare and contrast the condition of women in the Renaissance period.
Confrontatio n of Cultures	10	Students will be able to:- Discuss changes in the European economy that led to the voyages. • Discuss the implications of the conquests for the indigenous people.
The Industrial Revolution	10	lesson, students will be able to : ● Identify the technological advances that made the Industrial Revolution possible ● Analyze the changing conditions created by the Industrial Revolution in both Europe and the United States

DISPLACING INDIGENOUS PEOPLE .	10	Students will be able to Recount some aspects of the history of the native people of America to understand their condition. To analyze the realms of settlement of Europeans in Australia and America. Compare and contrast the lives and roles of indigenous people in these continents
PATHS TO MODERNIZA TION	10	Students will be able to • Deduce the histories of China and Japan from • the phase of imperialism to modernization • Explore the Japanese political, cultural and economic system prior to and after the Meiji Restoration. • Analyze the domains of Japanese nationalism prior and after the Second World War. • Comprehend the history of China from colonization to the era of socialism.

VIVEKANAND PUBLIC SCHOOL

Class-XI
Curriculum Planner for 2023-24
Subject- Mathematics

CHAPTER NAME	NO. OF PERIODS	LEARNING OUTCOME
CH-1 SETS	7	After studying this chapter student will be able to know the different types of sets, operation of sets and complements of set with de-Morgan's law.
CH-2 Relation and function	7	After studying this chapter student will be able to know the terms Cartesian products ,Relation and types of function
CH-3 Trigonometric Function	10	After studying this chapter student will be able to know the terms Permutation and combination and factorial notation.
CH-5 Complex number and quadratic equation	7	After studying this chapter student will be able to know need of complex No, algebra of complex No, Modulus of complex NO.
CH-6 Linear Inequality	7	After studying this chapter student will be able to know the different types of Inequalities, representation their solution on number line.
CH-7 Permutation and combination	7	After studying this chapter student will be able to know the terms angles in radians, sum and difference of two angles.
Ch-9 Sequence and series	10	After studying this chapter student will be able to know meaning of common ratio, finding general term and sum to the n term
Ch-10 Straight Lines	10	After studying this chapter student will be able to know the Slope of the lines, various form of the lines, General Equation of the lines, Distance of a point From a line.
Ch-11 Conic Section	7	After studying this chapter student will be able to Know equations of Circle, Parabola ,Ellipse, Hyperbola.
CH-12 Introduction to three Dimensional Geometry	5	After studying this chapter student will be able to know Coordinates Axes and Coordinate plane in three Dimensional space
CH-13 Limits and Derivatives	8	After studying this chapter student will be able to know Intuitive idea of derivatives, Limits of trigonometric functions
Ch-14 Statistics	7	After studying this chapter student will be able to know Measure of Dispersion, Range, Mean Deviation and Standard Deviation.
Ch-16 Probability	7	After studying this chapter student will be able to Know Random Experiments, Events, Axiomatic approach to probability

VIVEKANAND PUBLIC SCHOOL

Class-XI

Curriculum Planner for 2023-24

Subject- Physical Education

Chapter Name	No. of Periods	Learning Outcome
Unit I Changing Trends & Career in Physical Education	30	Learners will be able to understand :- 1. ●Concept, Aims & Objectives of Physical Education 2. ●Changing Trends in Sports- playing surface, wearable gears and sports equipment, 3. technological advancements 4. ●Career Options in Physical Education 5. ●Khelo-India and Fit-India Program
Unit II Olympism	20	Learners will be able to understand :- 1. ● Ancient and Modern Olympics 2. ● Olympism – Concept and Olympics Values (Excellence, Friendship & Respect) 3. ● Olympics - Symbols, Motto, Flag, Oath, and Anthem 4. ● Olympic Movement Structure - IOC, NOC, IFS, Other members)
Unit III Yoga	25	Learners will be able to understand :- 1. ● Meaning & Importance of Yoga 2. ● Introduction to Ashtanga Yoga 3. ● Introduction to Yogic Kriyas (Shat Karma)
Unit IV Physical Education & Sports for CWSN (Children with Special Needs - *Divyang*)	15	Learners will be able to understand :- 1. Concept of Disability and Disorder 2. Types of Disability, its causes & nature (Intellectual disability, Physical disability) 3. Aim & Objective of Adaptive Physical Education
Unit V Physical Fitness, Health and Wellness	15	Learners will be able to understand :- 1. Meaning and Importance of Wellness, Health and Physical Fitness 2. Components/Dimensions of Wellness, Health and

		Physical Fitness
		3. Traditional Sports & Regional Games for promoting wellness

Unit VI
Test & Measurement in Sports
	15	Learners will be able to understand :-
		1. Concept of Test, Measurement & Evaluation in Physical Education & sports.
		2. ● Classification of Test in Physical Education and Sports.
		3. ● Test administration guidelines in physical education and sportsArm Curl Test for upper body strength
		   i. Chair Sit & Reach Test for lower body flexibility
		   ii. Back Scratch Test for upper body flexibility
		   iii. Eight Foot Up & Go Test for agility
		   iv. Six Minute Walk Test for Aerobic Endurance

Unit VII Fundamentals of Anatomy, Physiology in Sports	20	Learners will be able to understand :- Definition and Importance of Anatomy and Physiology in exercise and sports ● Functions of Skeletal system, classification of bone and types of joints. ● Function and Structure of Circulatory system and heart. ● Function and Structure of Respiratory system
Unit VIII Fundamentals of Kinesiology and Biomechanics in Sports	10	Learners will be able to understand :- 1. ● Definition and Importance of Kinesiology and Biomechanics in sports 2. ● Principles of Biomechanics 3. ● Types of Body Movements - Flexion, Extension, Abduction, Adduction, Rotation, 4. Circumduction, Supination & Pronation 5. Axis and Planes – Concept and its application in body movements
Unit IX Psychology & Sports	20	Learners will be able to understand :- 1. Definition and Imp; Importance of Psychology in Physical Education and Sports 2. ● Adolescent Problems and Imp; Their Management 3. ● Team Cohesion and Sports
Unit X Training in Sports	15	Learners will be able to understand :- 1. ● Concept and Principles of Sports Training 2. ● Training Load: Over Load, Adaptation, and Recovery 3. ● Concept of Doping and its disadvantages

VIVEKANAND PUBLIC SCHOOL
Class-XI
Curriculum Planner for 2023-24
Subject- Physics

UNIT	CHAPTER NAME	No. of Period	LEARNING OUTCOME
Unit I	Units and dimensions	10	Need for measurement: Units of measurement; systems of units; SI units, fundamental and derived units. significant figures. Dimensions of physical quantities, dimensional analysis and its applications.
Unit II	Motion in a straight line	10	Make the learners know about Frame of reference, Motion in a straight line, Elementary concepts of differentiation and integration for describing motion, uniform and non- uniform motion, and instantaneous velocity, uniformly accelerated motion, velocity - time and position-time graphs. Relations for uniformly accelerated motion (graphical treatment).
Unit III	Motion in a plane	12	To enable the learners to know the Scalar and vector quantities; position and displacement vectors, general vectors and their notations; 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.
Unit IV	Laws Of Motion	12	Enabling the learners to understand the Newton's first law of motion; momentum and Newton's second law of motion; impulse; Newton's third law of motion. Law of conservation of linear momentum and its applications.
Unit V	Work Energy and power	8	Enabling the learners to know about the Work done by a constant force and a variable force; kinetic energy, workenergy theorem, power. Notion of potential energy, potential energy of a spring, conservative forces: non- conservative forces, motion in a vertical circle; elastic and inelastic collisions in one and two dimensions.
Unit VI	Rotational motion	10	Centre of mass of a two-particle system, momentum conservation and Centre of mass motion. Centre of mass of a rigid body; centre of mass of a uniform rod. Moment of a force, torque, angular momentum, law of conservation of angular momentum and its applications. Equilibrium of rigid bodies, rigid body rotation and equations of rotational motion, comparison of linear and rotational motions. Moment of inertia, radius of gyration, values of moments of inertia for simple geometrical objects
Unit VII	Gravitation	8	To enable the learners to know about the Kepler's laws of planetary motion, universal law of gravitation. Acceleration due to gravity and its variation with altitude and depth. Gravitational

				potential energy and gravitational potential, escape velocity, orbital velocity of a satellite
Unit VIII	Mechanical properties of Solids	8		Make the learners know about Elasticity, Stress-strain relationship, Hooke's law, Young's modulus, bulk modulus, shear modulus of rigidity (qualitative idea only), Poisson's ratio; elastic energy.
Unit IX	Mechanical properties of Fluids	15		To enable the learners to know the Pressure due to a fluid column; Pascal's law and its applications (hydraulic lift and hydraulic brakes), effect of gravity on fluid pressure. Viscosity, Stokes' law, terminal velocity, streamline and turbulent flow, critical velocity, Bernoulli's theorem and its simple applications. Surface energy and surface tension, angle of contact, excess of pressure across a curved surface, application of surface tension ideas to drops, bubbles and capillary rise
Unit X	Thermal Properties of matter	10		Heat, temperature, thermal expansion; thermal expansion of solids, liquids and gases, anomalous expansion of water; specific heat capacity; Cp, Cv - calorimetry; change of state - latent heat capacity. Heat transfer-conduction, convection and radiation, thermal conductivity, qualitative ideas of Blackbody radiation, Wein's displacement Law, Stefan's law
Unit XI	Thermodyn amics	8		Thermal equilibrium and definition of temperature zeroth law of thermodynamics, heat, work and internal energy. First law of thermodynamics, Second law of thermodynamics: gaseous state of matter, change of condition of gaseous state -isothermal, adiabatic, reversible, irreversible, and cyclic processes
Unit XII	Kinetic Theory of Gases	8		Equation of state of a perfect gas, work done in compressing a gas. Kinetic theory of gases - assumptions, concept of pressure. Kinetic interpretation of temperature; rms speed of gas molecules; degrees of freedom, law of equi-partition of energy (statement only) and application to specific heat capacities of gases; concept of mean free path, Avogadro's number.
Unit XIII	Oscillations	7		Periodic motion - time period, frequency, displacement as a function of time, periodic functions and their application. Simple harmonic motion (S.H.M) and its equations of motion; phase; oscillations of a loaded spring- restoring force and force constant; energy in S.H.M. Kinetic and potential energies; simple pendulum derivation of expression for its time period.
Unit XIV	Waves	10		Wave motion: Transverse and longitudinal waves, speed of travelling wave, displacement relation for a progressive wave, principle of superposition of waves, reflection of waves, standing waves in strings and organ pipes, fundamental mode and harmonics, Beats

VIVEKANAND PUBLIC SCHOOL
Class XI
Curriculum Planner for 2023-24
Subject- Political Science

Chapter Name	No. of Periods	Learning Outcome
Indian Constitution	10	Students will be able to:- • Know about various aspects of constitution, how constitution governs the allocation of power in society • Investigates how Constitution strengthens fundamental identity of people.
Liberty	7	• Students will be able to:- Recount the Ideals of freedom, different aspects of freedom and harm prinicple. • Debate about possible limitations on freedom which may result from the social and economic structures of society.
Election and Representation	7	Students will be able to:- • Compare and analyze constitutional provision regarding elections, importance of elections in a democracy, different methods of elections. Students also analyse reforms in election system.
The Executive	7	Students will be able to:- • Explain and make a distinction between parliamentary and presidential executive. • Trace the composition and functioning of permanent and non-permanent executive.
The Legislature	7	Students will be able to:- • Explain and relate functions and powers of the parliament of India, important aspects of law making procedures as well as different mechanism in which parliament controls the executive and regulate itself.
Political Theory: An introduction	7	Students will be able to:- • Examine Political theory which systematically thinks about the values that inform political life-values such as freedom, equality and justice. • Correlate themselves with the concept of politics and importance of political theory in our life.
Equality	7	Students will be able to:- Distinguish between different dimentions of equality-political, economic and social and will evaluate facts and figures about the conditions of inequality
Social Justice	6	Students will be able to:- • Witness justice as a central important point for politics. Identify various principles of justice in relation to distributive justice. • Comparatively analyse John Rawl's argument of fair and just society.

Rights	8	Explore rights as claims in relation to social and personal relationship. Trace on the purpose of rights and importance of rights in our day to day life.
The Judiciary	7	Students will be able to:- Understand judiciary as an important organ of the government with the sole responsibility to provide justice. • Role of Judiciary in protecting rights and interpreting the constitution as well as were able to understand the relationship between the Judiciary and Parliament.
Federalism	8	Students will be able to:- • Trace the meaning of Federalism and federal provisions in the Indian Constitution. • Analyse the special provisions for certain states having a distinct composition and historical features.
Local Governments	9	Students will be able to:- Encounter the structure of local government in our country and importance of local government bodies. Analyse various provisions made by 73rd and 74th Amendment Act
Citizenship	7	Students will be able to:- • Explore citizenship as full and equal membership of a political community. • Discuss some of the areas in which that meaning is being
Nationalism	7	Students will be able to:- • Trace the ideas of nationalism and nation. Concerns about the emergence of nationalism, functions it serves and how nationalism assess its claims and aspirations.
Secularism	8	Students will be able to:- • Engage themselves with the contemporary debate on Secularism with Indian perspective and western Secularism. • Atlast appreciate the importance of secularism in a democratic society like India.