GREENFINGERS GLOBAL SCHOOL , KHARGHAR					
CLASS XI -ENGLISH(301) SYLLABUS (2025-26)					
MONTH	**HORNBILL/SNAPSHOTS**	**GRAMMAR/ COMPOSITION**	**PERIODS**	**ACTIVITIES**	**PEDAGOGICAL STYLE**
JUNE	1) The Portrait of A Lady	1.Short Composition: Notices & Note Making	5	Note making from any Newspaper article	Context based learning -Open ended instruction to improve creative thinking, memory and writing skills of the stduents based upon general instructions
	2.A Photograph (Poem)	2.Clauses & syntensis of sentences	4	Communicative skills	
	1. The Summer of the Beautiful White Horse	Practice for ASL	5		
		POSTER MAKING	3		
JULY	2. We're Afraid ToDie..... If We Can All Be Together	1) Comprehension Passages : Factual, Literary and	5	Reading Project (Critical evaluation of the plot, Story,character s etc.)	Peer learning and Group dynamics wherein students think and answer to develop their oral skills which are used in realistic situations.
	2.The Laburnum Top (Poem)	2) Discursive Passages	4	Extensive Reading(Books on Adventurous Travels)	
	2. The Address	NOTE MAKING AND SUMMARY	6	Audio recordings for promoting listening skills.	
AUGUST	3.Discovering Tut :The Saga Continues	POSTER MAKING	6	Travelogues	
	3.The voice of the Rain (Poem)	ADVERTISEMENT	6		
	5.Mother's Day		6	POSTER MAKING	

SEPTEMBER	7..Birth	1)Articles,Speeches,& Reports	3	Dramatization of the Novel (Group activity for children to show case their acting talent)	Art Integration incorporating ideas to ehance their individual style and tone.
	4. Childhood (Poem)	2) Error Correction,Editing the Text&Re-Orderingof Sentences	3	Assessment of Listening & Speaking Skills (5+5)	
NOVEMBER	7. The Adventure	1) Sentence re-ordering, dialogue completion and sentence transformation.	3	Writing Book review on any Scientific Fiction	Hand on Learning- to compose an original work of creative writing
	8.Silk Road (Poem)	SPEECH ,DEBATE	3		
DECEMBER	5. Father to Son (Poem)		3	Travelogues	Co-operative Learning- To create positive realtionship with their peers.
		1) Conversationskills		Debates, Group Discussion etc.	
	ASL	2) Practice for ASL	3		
JANUARY	8.The Tale of Melon City	1) Conversation skills Listening and Speaking skills	5	characters actions in the story.	Team Based Learning engages student to knowledge through individual testing and group collaboration
		2) Practice for ASL	3	Discussion on Origin of Cities	
FEBRUARY	REVISION /PRACTICALS				
MARCH	ANNUAL EXAMINATION				

GREENFINGERS GLOBAL SCHOOL,KHARGHAR					
CLASS XI - PHYSICS (042) SYLLABUS (2025-26)					
Month	**Unit**	**Periods**	**Topic**	**Practical**	**Pedagogical Techniques**
June	I.(Physical World and Measurement)	10	Physical world:Units and measurement:	1. To measure diameter of a small spherical/cylindrical body and to measure internal diameter and depth of a given beaker/calorimeter using Vernier Callipers and hence find its volume. 2. To measure diameter of a given wire and thickness of a given sheet using screw gauge. Activity-1	1.Different objects given to the students for measurment of various parameters.2. Students measured length, breadth, height, intrnal diametr, volumes etc and also done conversion from one system of unit to another. Also they find % error in the measurments.
July	II.(Kinematics)	24	Motion in a straight line: Motion in a plane:	3.To determine volume of an irregular lamina using screw gauge. Activity-2 4.To determine radius of curvature of a given spherical surface by a spherometer 5.To determine the mass of two different objects using a beam balance.	1.Shown the videos of frame of reference, motion in straight line. 2.Demonstration of the relation between physical quantities.1.To understand the concept of scalars and vectors used different hand gusters. 2.Shown the videos to understand the concpet of 2D and 3D. 3.Solved numaricals to understand the concept and application of velocity, accelaration etc.
Aug.	III. (Laws of Motion)	14	Laws of motion:	6.To study the relationship between force of limiting friction and normal reaction and to find the coefficient of friction between block and horizontl surface	1. Discussed different examples in day to day life to understand the feect of momentum and impulse. 2. Made a group of students and asked them to design the models. 3. To understand the concept of UCM and dynamics shwon videos. 4. To creat the interst in the topic and quick learning science of stupid videos are shown.
	IV (Work, Energy and Power)	12	Work ,energy and power:	7.Using a simple pendulum, plot L-T and L-T2 graphs. Hence find the effective length of second's pendulum using appropriate graph.	1. To understand the generation of different types of energy ask students to make the working models for the explanation of conversion of one form of energy in to another. 2. Demonstration of few practical applications.
Aug	V.Motion of System of Particles and Rigid Body	18	System of particles and rotational motion:	Activity-3	1. To show the science videos to understand the rotational motion of the different objects having different shapes.2. Use of beam balance to show the concept of CM pf rigid body. 3. Discussion with hands of experiments.

	VI.(Gravitation)	12	Gravitation:	8.To study variation of time period of a simple pendulum by changing its length and taking bobs of different masses independently and interpret the result.	1. Demonstrating experimets to understand the Kepler's laws.2. Show various intersting videos to explain the concept of gravitation.3. Conducting seminars and discussions.4. Organize QUIZ on the topic.
sep	VII.(Properties of Bulk Matter)	24	Mechanical Properties of solids:	9. To find the force constant of a helical spring by plotting a graph between load and ext	1. On the basis of practcal, explain stress, strain, Young's modulus and Hook's law. 2. Group discussion and sminars
Oct			Mechanical Properties of fluids:	10. To determine the surface tension of water by capillary rise method	1. Explian the concept with the Stoke's law aparatus.2. Hands on experiments to explain the Pascal's law and Bernoulli's theorem.3. Demonstration of surface tension phenomenon using soap solution and pepper powder.
			Thermal properties of matter:	11. To determine the coefficient of viscosity of a given viscous liquid by measuring terminal velocity of a given spherical body. Activty-4	1. Explain by science videos and demonstraion by cooling apparatus. 2. Demo of conduction, covetion and radiation.
Nov	VIII Thermodynamics	12	Thermodynamics	Activity-5	1. Show videos and explain the thermodynamic laws by demonstration. 2. Give HW to the students to collect the related information.
Dec	IX.(Kinetic theory of gases)	8	Kinetic Theory:	12. To study the relationship between the temperature of a hot body and time by plotting a cooling curve	1. Show videos and explain the kinetic theory of gases.2. Give HW to the students to collect the related information. 3.Conduct competion to solve the numericals and QUIZ.
Dec	X (waves and oscillations)	26	Oscillations:	13.To study the relation between frequency and length of a given wire under constant tension using sonometer. OR	1. Show videos and explain the laws by demonstration.2. Practical demonstration of SHM and Simple pendulum.
			Wave motion: fundamental mode and harmonics, Beats, Doppler effect.	14.To find the speed of sound in air at room temperature using a resonance tube by two resonance positions.	1. Show videos and explain wave motion by demonstration.2. Practcal demo of resonance tube experiment. 3. Science Quiz and competion.

GREENFINGERS GLOBAL SCHOOL,KHARGHAR					
CLASS XI - CHEMISTRY (043) SYLLABUS (2025-26)					
MONTH	UNIT	TOPICS	PERIOS	ACTIVITY	PEDAGOGICAL TECHNIQUES
JUNE	1	Some Basic Concepts of Chemistry	12	Group Discussion: Importance of Chemistry in our daily life.	Chemistry touches all aspects of our lives. An experienced instructor is able to connect the depth of the science of chemistry with its every day life importance.
JULY	2	Structure of Atom	14	1) Determination of melting point of organic compound. 2) Determination of boiling point of organic compound.	Classify an element as a metal, nonmetal, or metalloid based on its physical and chemical properties.
	3	Classification of Elements and Periodicity in Properties	8		
AUGUST	8	Organic Chemistry: Some basic Principles and Techniques	14	1) Determinaion of pH of some solutions.2) Determination of strength of a given solution of Sodium hydroxide by titrating it against standard solution of Oxalic acid.	Student will use various methods to purify organic compounds and appreciate the use of this technique in day to day life.
	5	Chemical Thermodynamics	8		
SEPTEMBER	5	Chemical Thermodynamics	8	Group Discusssion and Open book test	Students will be able to – 1. Appreciate and realize the justified use of energy and will create awareness about conservation of energy 2. Devise new techniques to conserve energy and start using renewable means of energy.
OCTOBER	6	Equilibrium	14	Investigatory Project: Scientific investigations involving laboratory testing and collecting information from other sources.	On the basis of their knowledge and understanding they will be able to create awareness about above phenomena and hence cope up and guide others to do the same in justified manner.
	7	Redox Reactions	6		
NOVEMBER	4	Chemical Bonding and Molecular Structure	8	Lab Activity: 1) Determination of strength of a given solution of Hydrochloric acid by titrating it against standard solution of Sodium carbonate.	Students will then be challenged to think about the chemical bonds that are essential to the functioning of our body. What bonds exist among atoms within our bodies that are sustaining us.
DECEMBER	4	Chemical Bonding and Molecular Structure	6	Lab Activity: Detection Acidic and Basic radicals.	1.Students to appreciate use of hydrocarbons for health care and industrial purpose. 2. Students to discourage excessive use of harmful chemicals and to think for the alternating solution .
	9	Hydrocabons	10		
JANUARY	9	Hydrocabons	5	Open book Test	
FEBRUARY	PRACTICALS AND FINAL EXAMINATION				

GREENFINGERS GLOBAL SCHOOL,KHARGHAR					
CLASS XI - BIOLOGY(044) SYLLABUS (2025-26)					
MONTH	**UNIT**	**CHAPTERS**	**PERIODS**	**PRACTICALS/ACTIVITY**	**PEDAGOGICAL TECHNIQUES**
JUNE	UNIT I	Chapter 1: The Living World	23	Study of the parts of	Students will understand differences in different groups with the help of slides and specimens
	Diversity of LivingOrganisms	Chapter 2 : Biological Classification Chapter 3 : Plant Kingdom Chapter 4 : A nimal Kingdom	22	compound Microscope Study of the specimens and identifications with reasons	
JULY	UNIT : II STRUCTURAL ORGANISATION IN PLANTS AND ANIMALS	Chapter:5 M orphology of Flowering Plants		Study and describe common flowering plants of family solanace	Students collect different type of inflorescence, seeds, leaves etc.
		Chapter 6: Anatomy of Flowering Plants		T.S. of Dicot and monocot root and stems	Different type of tissues structure will be learned with the help of permanent slides and by hands on experience.
		Chapter 7: Structural Organization in Animals		Study of distribution of stomata	
AUGUST	UNIT : III Cell : Structure and functions	Chapter : 8 : Cell-The Unit of Life	35	Studyof osmosis by potato	By flip lerning process students to explain given topic with extra information
		Chapter: 9 : Bimolecule		osmometer Study of plasmolysis Study of mitosis in onion root tip	Use of animation videos to explain different chemical structures
SEPTEMBER		Chapter: 10 : Cell Cycle and Cell Division			Use of permanent slides and charts to understand differentiation between Mitosis and meiosis
	UNIT: IV PLANT PHYSIOLOGY	Chapter: 13 : Photosynthesis Higher Plants	25	Sepration of plant pigments through paper chromatography	Students to prepare flow chart for easy learning of different processes and will do experiment setup of componet required for photosynthesis
		Chapter: 14 : Respiration in Plants		Study of the rate of respiration in flower buds/leaf tissue and germinating seeds.	Students to create a pattern to learn different processses and will also germinate different seeds.

OCTOBER		Chapter: 15 : Plant - Growth and Development	43		Different plant leaf plasticity will be checked through different phases of life.
	UNIT : V HUMAN PHYSIOLOGY	Chapter 17 :Breathing and Exchange of Gases			Dramatisation by students to show movement of rib cage and to show exchange of gases
		Chapter: 18 : Body Fluids and Circulation			Digramatic representration of structue by different colours to elaborate different
NOVEMBER		Chapter: 19 : Excretory Products and Their Elimination		To test the presence of Urea in urine To testthe presence of sugar inurine.	By flip lerning process students to explain given topic with extra information collected on the basis of observation.
DECEMBER		Chapter: 20 : Locomotion and Movement		To test the presence of albumin . To test the presence of bile salts.	Explaination of human skeleton with help of bone specimens
		Chapter: 21: Neural Control and Coordination		Study of human skeleton and different types of joints	Hands on experience with small activites to understand how nervous system controls body function
		Chapter:22; Chemical Control and Coordination			Students to collect information about hormones in tabular form
JANUARY		REVISION			

GREENFINGERS GLOBAL SCHOOL,KHARGHAR					
CLASS XI - STANDARD MATHS(041) SYLLABUS (2025-26)					
MONTH	UNIT	TOPICS	NO OF PERIODS	ACTIVITY	PEDAGOGICAL TECHNIQUES
JUNE	1	Sets	12	Group Discussion: Importance of sets and their application in our daily life.	Real life application based problems on set
JULY	2	Relation and functions	14	Important of Relation and their priority Application of function , probability	Definition and properties of relation and functions types of Relation and function Application problems , Definition and types of probability and their application based problems
	5,14	Unit Test I Linear inequality and probability	8		
AUGUST	3,4	Trigonometrical functions and complex numbers and Quadratic equations	14	importance of permutations and combinations,how it's work in real life and their application ,Pascal triangle , Binomial theorem derivation and How to use frequently Binomial theorem in daily life	Student will use various methods to solve problems of permutations and combinations and appreciate the use of this technique of Binomial theorem in day to day life.
	6,7	Permutations and combinations, Binomial theorem	8		
SEPTEMBER	8	Sequence and series	8	Group Discusssion and Open book test	Student will learn about many type of sequence and series and solving methods of their application based problems
OCTOBER	9	Straight lines	14	Learn about lines and their properties,slope, various form of equation of lines, Distance of a point from a line different types conic section such as parabola ,hyperbola ,ellipse ,circle	problem based on straight line and real life application
	10	Conic section	6		
NOVEMBER	11	Introduction to three dimensional geometry	8	understanding of 3d geometry with the help of Daily life appliances, definition properties, plotting of points in octant	Students will be challenged to think about the 3D figures , plotting of points in octant , distance formula,section formula .collinear points
DECEMBER	12	Limits and Derivatives	6	what is limits and their application and approach to solve the problems	1.intuitive idea of derivatives,types of limits application,limits of trigonometrical functions 2.Measures of Dispersion,Range,Mean deviation,Variance and Standard deviation
	13	Statistics	10		
JANUARY	1-14	Revision	5	Open book Test	
FEBRUARY	PRACTICALS AND FINAL EXAMINATION				

GREENFINGERS GLOBAL SCHOOL,KHARGHAR					
CLASS XI - APPLIED MATHEMATICS(241) SYLLABUS (2025-26)					
MONTH	UNIT	TOPICS	NO OF PERIODS	ACTIVITY	PEDAGOGICAL TECHNIQUES
JUNE	2	Indices and Logarithms	12	Group Discussion: Importance of Numbers ,indices and Logarithms in our daily life.	Binary number system ,binary addition, subtraction, multiplication and division
JULY	1,3	Numbers and Quantitative Aptitude	14	How to see log and antilog tables and their application ,different types geometrical figures identification , properties and definition	properties of Logarithms and their problems , formula derivation of geometrical figures and problems based on mensuration
	4	Mensuration	8		
AUGUST	5	Sets and Relation	14	1.sets and Relation,properties, definition types of sets. venn diagram and daily life application based problems 2.	Student will use various methods to purify organic compounds and appreciate the use of this technique in day to day life.
	6	Sequence and Series	8		
				understanding of sequence and series , difference between them ,types of problems , methods of solving of sums based on sequence and series	
SEPTEMBER	7	Permutations and combinations	8	Group Discusssion and Open book test	Definition of Sets and Relation ,types , properties, formula and their application ,order pair ,Cartesian product ,Subsets ,cardinal number of set, function, types of function. How to find Domain and Range of function
OCTOBER	9,16	Functions, Utility bills	14	Real life application based on utility bills ,how to find bills of different types of taxes and goods	On the basis of their knowledge and understanding they will be able to create awareness about above phenomena and hence cope up and guide others to do the same in justified manner.
	10	Limits and continuity	6		
NOVEMBER	11,12	Differentiation, Probability	8	1st principal of derivatives, why to learn derivatives and solving methods , Definition of probability, properties,formula , probability problem based on set	Students will then be challenged to think about the chemical bonds that are essential to the functioning of our body. What bonds exist among atoms within our bodies that are sustaining us.
DECEMBER	13,14	Discriptive Statistics,Compound interst and Annuity	6	Dispersion ,Range ,mean deviation about mean and median, standard deviation,skewness	Different types of method to find Median,mean , standard deviations,Variance ,mean deviation about mean and median ,problem based on circle and parabola and their definition, properties
	15,17	Taxation, Straight line	10		
JANUARY	18	Circle and parabola	5	Open book Test	
FEBRUARY	PRACTICALS AND FINAL EXAMINATION				

GREENFINGERS GLOBAL SCHOOL,KHARGHAR					
CLASS XI - COMPUTER SCIENCE(083) SYLLABUS (2025-26)					
MONTH	**UNIT**	**TOPICS**	**NO OF PERIOD**	**ACTIVITY**	**PEDAGOGICAL TECHNIQUES**
JUNE	UNIT - 1 COMPUTER SYSTEMS AND ORGANIZATION	1.COMPUTER SYSTEMS ORGANIZATION	10	TO MAKE PPT PRESENTATION FOR COMPUTER SYSTEMS	THINK-PAIR-SHARE CAN BE PROJECTED AT DIFFERENT INTERVALS OF A PRESENTATION TO ALLOW STUDENTS TO REFLECT ON AND DISCUSS WITH A PARTNER WHAT HAS BEEN PRESENTED.
JULY	UNIT - 1 COMPUTER SYSTEMS AND ORGANIZATION	2.DATA REPRESENTATION AND BOOLEAN LOGIC	10	TO MAKE ELCTRIC MODEL WITH ALL GATES	1.TO SHOW INTRESTING VIDEOS. 2. EXPLAIN ALL THE STEPS FOR MODEL MAKING.
	UNIT - 2 COMPUTATIONAL THINKING AND PROGRAMMING	3. GETTING STARTED WITH PYTHON	27	INSTALLATION OF PYTHON SOFTWARE	EXPLAIN ALL THE STEPS OF SOFTWARE INSTALLATION.
AUGUST	UNIT - 2 COMPUTATIONAL THINKING AND PROGRAMMING	4. PYTHON PROGRAMMING FUNDAMENTALS	31	DEMONSTRATION OF PYTHON PROGRAMMING	1.PEER INSTRUCTION ACTIVITY.2. THINK PAIR SHARE ACTIVITY.
		5. CONDITIONAL AND LOOPING CONSTRUCTS	29	DEMONSTRATION OF PYTHON PROGRAMMING	
SEPTEMBER	UNIT - 2 COMPUTATIONAL THINKING AND PROGRAMMING	6.STRINGS IN PYTHON	20	PPT PRESENTATION	1. QUIZ 2. GROUP DISCUSSION
		7.LISTS IN PYTHON	23		
OCTOBER	UNIT - 2 COMPUTATIONAL THINKING AND PROGRAMMING	8.TUPLES AND DICTIONARY	20	DEMONSTRATION OF PYTHON PROGRAMMING	FLIPPED CLASSROOM
		9.INTRODUCTION TO PYTHON MODULES	20		
DECEMBER	UNIT - 3 SOCIETY,LAW AND ETHICS	11. CYBER SAFETY	10	GROUP DISCUSSION	1. PEER INSTRUCTION 2. THINK PAIR SHARE
JANUARY	REVISION				

GREENFINGERS GLOBAL SCHOOL,KHARGHAR				
CLASS XI - ACCOUNTS (055) SYLLABUS (2025-26)				
MONTH	**PERIOD**	**TOPIC**	**PEDAGOGICAL STRATEGY**	**ACTIVITIES / PROJECTS**
JUNE	5	PART A: FINANCIAL ACCOUNTING - I CHAPTER 1 : Introduction to Accounting Accounting- concept, meaning, as a source of information, objectives, advantages and limitations, types of accounting information; users of accounting information and their needs. Qualitative Characteristics of Accounting Information. Role of Accounting in Business.	Various business terms practical discussion done with case studies	NEWS AND MAGAZINE CUTTINGS OF FEW BUSINESS ACCOUNTING TERMINOLOGY
	5	CHAPTER 2 : Basic accounting terms Entity, Business Transaction, Capital, Drawings. Liabilities (Non Current and Current). Assets (Non Current, Current); Expenditure (Capital and Revenue), Expense, Revenue, Income, Profit, Gain, Loss, Purchase, Sales, Goods, Stock, Debtor, Creditor, Voucher, Discount (Trade discount and Cash Discount)	Project based teaching.	QUIZ
JULY	5	CHAPTER 3 : Unit -1 : Theory Base of Accounting, Fundamental accounting assumptions: GAAP: Concept, Money Measurement, Going Concern, Accounting Period, Cost Concept, Dual Aspect, Revenue Recognition, Matching, Full Disclosure, Consistency, Conservatism, cash basis and accrual basis Accounting Standards (AS) and Indian Accounting Standards (IndAS) Goods and Services Tax (GST) Characteristics and Advantages. Unit-2:	Case study of companies with their documents.	
	8	CHAPTER 4 : Bases of accounting Meaning; cash basis of accounting, accrual basis of accounting, Difference between cash and accrual basis of accounting.	Collaborative teaching with differenciation.	
	8	CHAPTER 5 : Accounting equation, Meaning of accounting equation, Effect of transactions on accounting equation, Process of preparing accounting equation, Rules of accounting equations, Effects of adjustments transactions on accounting equation.	Case study of Assests liabilities of various business units discussed.	
	5	CHAPTER 6 : Accounting procedures -Rules of debit and credit. Meaning of an account, Meaning of debit and credit, Rules of debit and credit, Classification of accounts, Balancing of account, Significance of debit and credit balance in accounts.	Traditional and modern classification table with case study.	FLOW CHART

AUGUST	5	CHAPTER 7 : Origin of transactions &vouchers : Source, preparation ofdocuments and Vouchers, Preparation Vouchers.	Inquiry and factual based teaching of source documents.	PROJECT BASED
	8	CHAPTER 8 : JOURNAL - Meaning of journal and journalising, Characteristic and advantages of journal.Limitation of journal, steps in journalising, Simple and compound journal entries, Discount and rebate, Difference between trade discount rebate and cash discount.	Case study of business units with various transactions of various business firm solved .	PROJECT ON CASE STUDY
SEPTEMBER	8	CHAPTER 9 : LEDGER - Meaning of ledger, features and utilities of ledger, format of ledger account, Mechanics of posting, Balancing of ledger accoiunts, difference between journal and ledger.	Case study of business units with ledger accounts of various business firm solved .	PROJECT ON BUSINESS CASE STUDY.
	8	CHAPTER 10 : Special purpose book - Cash book : Simple, cash book with bank column and petty cashbook, Purchases book.	Case study of various business units with cash book discussed and practised	Mind map activity.
OCTOBER	8	CHAPTER 11 : Special purpose books - other books. Sales Book, Purchases return book, Sales Return book, Journal Proper.	Format and lecture based teaching.	PROJECTS
	5	CHAPTER 12 : Accounting of goods and service tax GST: Meaning of GST, Objeectives, characteristics, categories of GST.	Case study method adopted to teach business and GST.	PROJECTS
NOVEMBER	8	CHAPTER 13 : Bank reconciliation statement- Need and preparation, Bank Reconciliation Statement.	Discussion on Cash books and pass book documents.	PROJECTS
	5	CHAPTER 14 : Trial balance -Meaning ,characteristics, objectives and and limitations of trial balance.	Solving and lecture based Data teaching of business	FLOW CHART ACTIVITY
DECEMBER	12	CHAPTER 15 : Depreciation provisions Reserves. Meaning, Features Causes, factors, Amortisation i. Straight Line Method (SLM), ii. Written Down Value Method (WDV), Note: Excluding change of method. Advantages of SLM and WDV. Charging to asset account, Creating provision for depreciation/accumulated depreciation account. Provisions and Reserves. Revenue reserve, Capital reserve, General reserve, Specific reserve, Secret Reserve. reserve.	Case study of various business units with different types of assests and rate of depreciation	PROJECT
	8	CHAPTER 16 : Rectification of Errors : Errors: classification-errors of omission, commission, principles, and compensating; their effect on Trial Balance - Errors which do not affect trial balance, Errors which affect trial balance.	Discussion on case study with financial statements.	FLOW CHARTS.

JANUARY	15	Part B: Financial Accounting - II CHAPTER 17 : Financial Statements of sole proprietor. Meaning, objectives and importance; Revenue and Capital Receipts; Revenue and Capital Expenditure; Deferred Revenue expenditure. Opening journal entry. Trading and Profit and Loss Account: Gross Profit, Operating profit and Net profit. Preparation. Balance Sheet: need, grouping and marshalling of assets and liabilities. Preparation. Adjustments in preparation of financial statements with respect to closing stock, outstanding expenses, prepaid expenses, accrued income, income received in advance, depreciation, bad debts, provision for doubtful debts, provision for discount on debtors, Abnormal loss, Goods taken for personal use/staff welfare, interest on capital and managers commission. Preparation of Trading and Profit and Loss account and Balance Sheet of a sole proprietorship with adjustments.	Solving and discussion on Various business entity financial statements .	PROJECT
	5	CHAPTER 18 : Incomplete Records Accounting - Features, reasons and limitations. Ascertainment of Profit/Loss by Statement of Affairs method. (excluding conversion method).	Financial statements of various not profit making enterprises was the base.	
JANUARY	SYLLBUS COMPLETION & REVISION			
FEBUARY	REVISION & PRACTICALS			
MARCH	FINAL EXAMINATION			

GREENFINGERS GLOBAL SCHOOL KHARGHAR				
CLASS XI - BUSINESS STUDIES (054) SYLLABUS (2025-26)				
MONTH	**PERIOD**	**TOPIC-SUBTOPIC**	**PEDAGOGICAL STRATEGY**	**ACTIVITIES/ PROJECTS**
JUNE	18	Unit 1: Evolution and Fundamentals of BusinessHistory of Trade and Commerce in India : Indigenous Banking System, Rise of Intermediaries, Transport, Trading Communities: Merchant Corporations, Major Trade Centres, Major Imports and Exports, Position of Indian Sub-Continent in the World Economy Business – meaning and characteristics Business, profession and employment – Concept Objectives of business Classification of business activities - Industry and Commerce Industry-types: primary, secondary, tertiary Meaning and subgroups Commerce-trade: (types-internal, external; wholesale and retail) and auxiliaries to trade; (banking, insurance, transportation, warehousing, communication, and advertising) – meaning Business risk-Concept	Brain storming and collaborative discussion on the current knowledge of business history in india	QUIZ
JUNE	24	Unit 2: Forms of Business organizations : Sole Proprietorship-Concept, merits and limitations Partnership- Concept, types, merits and limitation of partnership, registration of a partnership firm, partnership deed. Types of partners Hindu Undivided Family Business: Concept Cooperative Societies-Concept, merits, and limitations Company - Concept, merits and limitations; Types;	Features of various organisations compared with their working policies by dicussing various case study. Flow chart activity conducted.	CHART MAKING
JULY	18	Unit 3: Public, Private and Global Enterprises : Public sector and private	Format of working of various public sectors. discussed with	MIND MAPS MAKING
JULY	18	Unit 4: Business Services : Business services – meaning and types. Banking: Types of bank accounts - savings, current, recurring, fixed deposit and multiple option deposit account Banking services with particular reference to Bank Draft, Bank Overdraft, Cash credit. E-Banking: meaning, types of digital payments Insurance – Principles. Types – life, health, fire and marine insurance – concept Postal Service - Mail, Registered Post, Parcel, Speed Post, Courier - meaning	Functional working of various business service discussed with various case studies projects on business services	BROCHURE MAKING
AUGUST	10	Unit 5: Emerging Modes of Business : E - business: concept, scope and benefits	Various live example of business sites online discussed.	CURRENT EVENTS IN E-BUSINESS DOCUMENT MAKING

AUGUST	12	Unit 6: Social Responsibility of Business and Business Ethics : Concept of social responsibility Case of social responsibility Responsibility towards owners, investors, consumers, employees, government and	Various case studies discussed on business ethics and code of conduct	QUIZ
SEPTEMBER	30	Unit 7: Sources of Business Finance : Business Ethics - Concept and Elements Concept of business finance Owners' funds- equity shares, preferences share, retained earnings Borrowed funds: debentures and bonds, loan from financial institution and commercial banks, public deposits, trade credit, Inter Corporate Deposits (ICD)	Classification table of funds discussed.	DOCUMENT MAKING
OCTOBER	16	Unit 8: Small Business and Enterprises : Entrepreneurship Development (ED): Concept, Characteristics and Need. Process of Entrepreneurship Development: Start-up India Scheme, ways to fund start-up. Intellectual Property Rights and Entrepreneurship Small scale enterprise as defined by MSMED Act 2006 (Micro, Small and Medium Enterprise Development Act) Role of small business in India with special reference to rural areas Government schemes and agencies for small scale industries: National Small Industries Corporation (NSIC) and District Industrial Centre (DIC) with special reference to rural, backward areas	Policies and programes of small business units discussed.	NEWS PAPER CUTTINGS
NOV	30	Unit 9: Internal Trade : Internal trade - meaning and types services rendered by a wholesaler and a retailer Types of retail-trade-ltinerant and small scale fixed shops retailers Large scale retailers- Departmental stores, chain stores – concept	Classification table of trade was the basis.	MIND MAPS MAKING
DECEMBER	14	Unit 10: International Trade : International trade: concept and benefits Export trade – Meaning and procedure Import Trade - Meaning and procedure Documents involved in International Trade; indent, letter of credit, shipping order, shipping bills, mate's receipt (DA/DP) World Trade Organization (WTO) meaning and objectives	Classification table of international trade was the basis.	Project on procedure of import and export trade
JANUARY	SYLLBUS COMPLETION & REVISION			
FEBUARY	REVISION & PRACTICALS			

GREENFINGERS GLOBAL SCHOOL, KHARGHAR					
CLASS XI - ECONOMICS(030) SYLLABUS (2025-26)					
MONTH	UNIT	TOPICS	PERIODS	ACTIVITY	PEDAGOGY
JUNE	Unit 1	Introduction	15	To express economic concepts by drawing/ cartoons/doodle	Art Integrated Learning Pedagogy
	Unit 4	Introduction			
JULY	Unit 2	Collection and Organisation of Data	18	Frame questionnaire collect data from economic survey	Project-based Learning Pedagogy
	Unit 2	Presentation of Data	12		
	Unit 5	Conditions of consumer's equilibrium using Marginal Utility and Indifference curve analysis	40	Role play	Team based learning
AUGUST		Demand & Price Elasticity of Demand			
SEPTEMBER	Unit 3	Measures of Central Tendency - Arithmetic mean, Median and Mode	22	Construction of Time Series graph - GFGS school data	Critical pedagogical approach
OCTOBER	Unit 6	Producer Behaviour and Supply - Production Function	15	Game - Variable Proportions	Flipped Learning
	Unit 6	Producer Behaviour and Supply - Cost; Revenue; Producer's equilibrium; Supply, Price Elasticity of Supply	20	Case Study Discussion & concept mapping	
NOVEMBER	Unit 7	Price Determination under Perfect Competition with simple applications.	15	Application to real life -Case Studies	Content Based Learning
DECEMBER	Unit 3	Correlation - Scatter Diagram & Measures of correlation	13		Learning by Doing
		Developing Project in Economics using Statistical Tools			Constructivist & Experiential Learning
JANUARY	Unit 3	Introduction to Index Numbers - uses of index numbers; Inflation and index numbers	15	Newspaper cuttings of recent news on IIP, WPI,CPI etc.	Critical pedagogical approach
FEBRUARY	Revision and Practical Examination				
MARCH	Annual Examination				

GREENFINGERS GLOBAL SCHOOL,KHARGHAR					
CLASS XI - PHYSICAL EDUCATION(048)SYLLABUS (2025-26)					
Month	L.No	No of Periods	Topics	Pedagogical Techniques	Practical
June	1	15	Unit-I: Changing Trends & Career In Physical Education	Different tests are taught by immitation method to check the physicall fitness with the help of motor fitness test. Students learn new skills to polish their physical fitness components by participating by immitation method.	Yoga- Pranayama.
	2	10	Unit-II: Olympism Value Education	To understand the relation of nutrition and sports and how it helps a player to enhance their performance level. practical knowledge given with the help of demonstration method	Physical Fitness Test: SAI Khelo India Test Practical-1: Fitness tests administration in the journal.
July	3	14	Unit-III: Yoga	Various Yogasanas are taught by demonstration.Students learn new asanas by practically performing the asanas.Explain the concept with the help of videos.Students learn by understaning through observation.	Proficiency in Games and Sports Game of choice practice and test.
August	5	13	Unit-V: Physical Fitness, Wellness, and Lifestyle	Videos and Diagrams are shown to the children to understand in a better way Student learn by Observing the videos and Diagrams.	Yogic Practices Procedure for Asanas, & Contraindication Benefits for any two Asanas for each lifestyle disease-journal.
	6	10	Unit-VI: Test, Measurement & Evaluation	Practical demonstration given to the children.Different objects given to the students to the students for measurment of various Students understand by particpating as a student and then conducting the tests also.	Athletics.
Septembe r	7	15	Unit-VII: Fundamentals of Anatomy	Class Seminars topic given to the students Students learn by presenting their given topicin frount of the class.	Fitness test practice.
	8	15	Unit-VIII:Fundamentals Of Kinesiology And Biomechanics in sports	Home work given to the Students	Anyone one IOA
October	9	13	Unit-IX: Psychology & Sports	explanation of topic with the help of practical performance Students understand by immitation method	Game of choice skills.

GREENFINGERS GLOBAL SCHOOL,KHARGHAR					
CLASS XI - COMPUTER SCIENCE(083) SYLLABUS (2025-26)					
MONTH	**UNIT**	**TOPICS**	**NO OF PERIOD**	**ACTIVITY**	**PEDAGOGICAL TECHNIQUES**
JUNE	UNIT - 1 COMPUTER SYSTEMS AND ORGANIZATION	1.COMPUTER SYSTEMS ORGANIZATION	10	TO MAKE PPT PRESENTATION FOR COMPUTER SYSTEMS	THINK-PAIR-SHARE CAN BE PROJECTED AT DIFFERENT INTERVALS OF A PRESENTATION TO ALLOW STUDENTS TO REFLECT ON AND DISCUSS WITH A PARTNER WHAT HAS BEEN PRESENTED.
JULY	UNIT - 1 COMPUTER SYSTEMS AND ORGANIZATION	2.DATA REPRESENTATION AND BOOLEAN LOGIC	10	TO MAKE ELCTRIC MODEL WITH ALL GATES	1.TO SHOW INTRESTING VIDEOS. 2. EXPLAIN ALL THE STEPS FOR MODEL MAKING.
	UNIT - 2 COMPUTATIONAL THINKING AND PROGRAMMING	3. GETTING STARTED WITH PYTHON	27	INSTALLATION OF PYTHON SOFTWARE	EXPLAIN ALL THE STEPS OF SOFTWARE INSTALLATION.
AUGUST	UNIT - 2 COMPUTATIONAL THINKING AND PROGRAMMING	4. PYTHON PROGRAMMING FUNDAMENTALS	31	DEMONSTRATION OF PYTHON PROGRAMMING	1.PEER INSTRUCTION ACTIVITY.2. THINK PAIR SHARE ACTIVITY.
		5. CONDITIONAL AND LOOPING CONSTRUCTS	29	DEMONSTRATION OF PYTHON PROGRAMMING	
SEPTEMBER	UNIT - 2 COMPUTATIONAL THINKING AND PROGRAMMING	6.STRINGS IN PYTHON	20	PPT PRESENTATION	1. QUIZ 2. GROUP DISCUSSION
		7.LISTS IN PYTHON	23		
OCTOBER	UNIT - 2 COMPUTATIONAL THINKING AND PROGRAMMING	8.TUPLES AND DICTIONARY	20	DEMONSTRATION OF PYTHON PROGRAMMING	FLIPPED CLASSROOM
		9.INTRODUCTION TO PYTHON MODULES	20		
DECEMBER	UNIT - 3 SOCIETY,LAW AND ETHICS	11. CYBER SAFETY	10	GROUP DISCUSSION	1. PEER INSTRUCTION 2. THINK PAIR SHARE
JANUARY	REVISION				

GREENFINGERS GLOBAL SCHOOL,KHARGHAR				
CLASS XII - ENGLISH CORE(301) SYLLABUS (2025-26)				
MONTH	LESSON NAME	NO.OF PERIOD	PROJECT/ ACTIVITY	PEDAGOGICAL TECHNIQUES
APRIL	THE LAST LESSON (PROSE) (FLAMINGO)	4	DESCRIBE THE CONCEPT OF FREEDOM OF SPEECH AND EXPRESSION.	LANGUAGE PRESERVATION ,CULTURAL IDENTITY AND IMPACT OF WAR
	MY MOTHER AT SIXTY SIX (POETRY)(VISTAS)	3	POETIC DEVICES,THEME AND SUMMARY	EMOTIONAL ENGAGEMENTCRITICAL THINKING AND MOTHER DAUGHTER RELATIONSHIP
	THE LOST SPRING (FLAMINGO)	5	CHILD LABOUR AND LOSS OF CHILDHOOD	EMPATHY FOR CHILD LABOUR AND SITUATION
	THE THIRD LEVEL(VISTAS)	3	ESCAPISM IN THE REALM OF REALITY	CASE STUDIES ,PROBLEM BASED LEARNING
	THE TIGER KING (PROSE) (VISTAS)	4	DEBATE AND INTERVIEW	BRAINSTORMING ,CHARACTER MAPPING ANA DEBATE
	LETTER WRITING FORMAL , INVITATION REPLIES-FORMAL INFORMAL (WRITING	4	POWER PONIT PRESENTATION ON GIVEN TOPICS	COLLABORATIVE LEARNING
	NOTICE(WRITING SKILLS)	2	DRAFTING ,PEER REVIEW AND	GUIDED PRACITCE
JUNE	DEEP WATER(FLAMINGO)	4	EFFECTS OF FEAR AND HARD WORK	BUILDING CONFIDENCE AND DEVELOPING PROFICIENCY
	THE RATTRAP(FLAMINGO	4	FLIPCLASS/ART INTERGATED PROJECT	TO EXPLORE HUMAN BEHAVIOR AND DISCUSSION
	KEEPING QUIET (POETRY)(FLAMINGO)	3	POETIC DEVICES,THEME AND SUMMARY	BRAINSTORMING AND DEBATE
	JOURNEY TO THE END OF THE EARTH(VISTAS)	3	FLIPCLASS/ART INTERGATED PROJECT	EXPERIENTIAL LEARNING ,OUTDOOR EDUCATION,ECOSYSTEM AND AWARENESS
	THE ENEMY(VISTAS)	3	CONFLICT BETWEEN HUMAN RELATIONSHIP	HUMANITY AND COMPASSION ,ROLE PLAY ,DISCUSSION
JULY	JOURNEY TO THE END OF THE EARTH(VISTAS)	3	FLIPCLASS/ART INTERGATED PROJECT	EXPERIENTIAL LEARNING ,OUTDOOR EDUCATION ECOSYSTEM AND
	INDIGO(FLAMINGO)	4	GROUP DISCUSSION CHARACTER DEVELOPMENT	ROLE PLAY ,CASE STUDIES DISCUSSION
	POETS AND PANCAKES(F	3	READING AUTOBIOGRAPHIES	TO UNDERSTAND WORKPLACE DYNAMICS WITHIN FILM INDUSTRY

AUGUST	A THING OF BEAUTY(VISTAS)	3	TO IDENTIFY LITERERY DEVICES AND APPRECIATION	POEM'S THEME ,POETIC DEVICES AND SUMMARY
	ON THE FACE OF IT(VISTAS)	3	GROUP DISCUSSION CHARACTER DEVELOPMENT	ROLE PLAY ,CASE STUDIES DISCUSSION
	AUNT JENNIFER'S TIGER (POETRY)(FLAMINGO)	3	POETIC DEVICES,THEME AND SUMMARY	FOSTER CRITICAL THINKING AND SOCIAL AWERENESS
SEPTEMBER	MEMORIES OF CHILHOOD(VISTAS)	3	RECONNECTING WITH THE PAST, GAMES ,PHOTO	EMPATHY FOR SOCIAL INEQUALITY,RURAL LIFE AND IMPACT OF SOCIAL PROGRESS
	JOB APPLICATION	3	HAND ON LEARNING ,GUIDED PRACTICE	Hands on learning/ learning by doing students
	REVISION	2	LISTENING AND SPEAKING ACTIVITY	ASL
OCTOBER	INFORMAL (NIVITATIONS AND REPLIES)	2	HAND ON LEARNING ,GUIDED PRACTICE	PEER LEARNING
	REORT WRITING	2	DRAFTING ,PEER REVIEW AND REFLECTION	PEER LEARNING
	REVISION	2	LISTENING AND SPEAKING ACTIVITY	ASL
	REVISION	2		
	ARTICLE WRITING	2	DRAFTING ,PEER REVIEW AND REFLECTION	PEER LEARNING
	ASL LISTENNG	2		

GREENFINGERS GLOBAL SCHOOL,KHARGHAR					
CLASS XII -PHYSICS SYLLABUS (2025-26)					
Month	**Unit**	**No. of Periods**	**Topic**	**Practical List**	**Pedagogical Techniques**
April	1.Electrostatics	22	Electric charges and fields: Electric Charges; Conservation of charge, Coulomb's law-force between two point charges, forces between multiple charges; superposition principle and continuous charge distribution. Electric field, electric field due to a point charge, electric field lines, electric dipole, electric field due to a	1.To determine resistance per cm of a given wire by plotting a graph of potential difference versus current. 2.To find resistance of a given wire using metre bridge and hence determine the resistivity (specific resistance) of its material	1. Show interesting 3D videos. 2. Explain the concept using simulations.3. Solving examples step by step.
			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. Conductors and insulators, free charges and bound charges inside a conductor.		1. Distinguish between potential and emf. 2. Explaination using simulation 3. Visualiztion of concepts by using animated videos and PPTs. 4. Solving numericals.
April / May	2.Current Electricity	20	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, Carbon resistors, colour code for carbon resistors; series and parallel combinations of resistors; temperature dependence of resistance.Internal resistance of a cell, potential	3.To verify the laws of combination (series)of resistances using a metre bridge. Activity -1	1. Explain the concepts through simulated videos through electrical circuits. 2. Show the components (L,C,R) and ask student to calculate values from color code method. 3. To understand complicated Kirchoffs circuit ask student to solve number of numericals. 4. Demonstration of potentiometer and

April/May	3.Magnetic Effects of Current and Magnetism	22	Moving charges and magnetism:Concept of magnetic field, Oersted's experiment. Biot - Savart law and its application to current carrying circular loop. Ampere's law and its applications to infinitely long straight wire. Straight and toroidal solenoids (only qualitative treatment), force on a moving charge in uniform magnetic and electric fields, Cyclotron. Force on a current-carrying conductor in a uniform magnetic field, force	4.To verify the laws of combination (Parallel)of resistances using a metre bridge. 5.To compare the EMF of two given primary cells using potentiometer.	1.Hands on experiments to understand the basic concept of magnetism. 2.Distinguish between electricity and magnetism. 3. Demo using hand gestures. 4.Science QUIZ to understant the questions.
			Magnetism and matter:Current loop as a magnetic dipole and its magnetic dipole moment, magnetic dipole moment of a revolving electron, magnetic field intensity due to a magnetic dipole (bar magnet) along its axis and perpendicular to its axis, torque on a magnetic dipole (bar magnet) in a uniform		1. Explantaion of concpetof different type of magnetic materials through story telling. 2. Show the video and explain the concept of magnetism. 3. Conduct test on the topic 4. Solving numericals
June/July	4.Electromagnetic Induction and Alternating Currents	20	Electromagnetic Induction:Electromagnetic induction; Faraday's laws, induced EMF and current; Lenz's Law, Eddy currents. Self and mutual induction	6.To determine the internal resistance of given primary cell using potentiometer.	1.Show video and explain the concept. 2. Show the working models based on EMI concept.3. Demo of eddy currents and
			Alternating current:Alternating currents, peak and RMS value of alternating current/voltage; reactance and impedance; LC oscillations (qualitative	7.To determine resistance of a galvanometer by half-deflection method and to find its figure of merit. Activity-2	1.Distinguish between DC and AC circuits 2. Show videos and simulation experiments of AC
	5.Electromagnetic waves	4	Electromagnetic waves:Basic idea of displacement current, Electromagnetic waves, their characteristics, their Transverse nature (qualitative ideas only). Electromagnetic spectrum (radio waves, microwaves, infrared, visible, ultraviolet, X-rays, gamma rays) including elementary facts about their uses.	8.To find the value of v for different values of u in case of a concave mirror and to find the focal length. Activity -3	1. Expain the electromagnetic spectrum with bandwidth and frequecy. 2. Discuss the examples in day to day life from x-ryas to radio waves. 3. Show videos

July/August	6.Optics	27	Ray Optics and optical instruments:Ray Optics: Reflection of light, spherical mirrors, mirror formula, refraction of light, total internal reflection and its applications, optical fibers, refraction at spherical surfaces, lenses, thin lens formula, lensmaker's formula, magnification, power of a lens, combination	9.To find the focal length of a convex lens by plotting graphs between u and v or between 1/u and 1/v. 10.To determine angle of minimum deviation for a given prism by plotting a graph between angle of incidence and angle	1. Demo of different lenses like convex, concave, plano convex etc. to understand the sign convention related with the optics. 2. Solving examples to understand the use of formulae. 3. Demo of lens combinations.
			Wave optics:Wave optics: Wave front and Huygen's principle, reflection and refraction of plane wave at a plane surface using wave fronts. Proof of laws of reflection and refraction using Huygen's principle. Interference, Young's double slit experiment and expression for fringe width, coherent sources and	Activty-5	1.Show the calculations of R.I. 2. Understanding of interfrence, diffraction etc through simulation experiments. 3.Use of art integration
	7.Dual Nature of Matter and Radiation	8	.Dual Nature of Matter and Radiation:Dual nature of radiation, Photoelectric effect, Hertz and Lenard's observations; Einstein's photoelectric equation-particle nature of light. Matter waves-wave nature of		1. Show videos to understand the dual nature of light. 2.Simulation of deBroglie wave and Davisson -Germer experiment. 3. Distinguish between
September	8.Atoms and Nuclei	15	Atoms:Alpha-particle scattering experiment; Rutherford's model of atom; Bohr model, energy levels,	11.To find refractive index of a liquid by using convex lens and plane mirror.	1. Using vedio cocept understanding. 2. Simulation of nuclar reactions 3.
			Nuclie:Composition and size of nucleus, Radioactivity, alpha, beta and gamma	12.To draw the I-V characteristic curve of a p-n junction in	
October	9.Electronic Devices	12	Semiconductor Electronics: Materials, Devices and Simple Circuits Energy bands in conductors, semiconductors and insulators (qualitative ideas only) Semiconductor diode - I-V characteristics in forward and reverse bias, diode as a	13.To draw the characteristic curve of a zener diode and to determine its reverse break down voltage.14.To determine refractive index of a glass slab using a travelling microscope	1. Demo of diodes and transitors 2. Encourage students to make the projects and its demo using different electronic components. 3.Conduct Seminars and QUIZ 4. Discuss the day to day life
November			Revision		

GREENFINGERS GLOBAL SCHOOL,KHARGHAR				
CLASS XII - CHEMISTRY (043) SYLLABUS (2025-26)				
MONTH	**TOPICS TO BE COVERED**	**NO OF PERIODS**	**ACTIVITY**	**PEDAGOGICAL STRATEGY**
APRIL	1. Haloalkanes and Haloarenes	15	Lab Activity: Determination of concentration/ molarity of KMnO4 solution by titrating it against a standard solution of: Oxalic acid (Students will be required to prepare standard solutions by weighing themselves).	The students will solve selected questions from NCERT book with help of their teacher. (CRITICAL THINKING)
JUNE	3. Alcohols, Phenols and Ethers	14	Lab Activity: 1) Detection of funtional Groups 2) Determination of acidic and basic radicals.	Brain Storming-The class would start with a discussion on what the students have already learnt in the previous classes. They would also be told the significance of the topic .
	4. d and f - block Elements	10		
JULY	4. d and f - block Elements	8	Group Discusssion and Open book test	Students will be engaged in a group discussion on the topics.
	5. Aldehydes, Ketones and Carboxylic acid	15	Lab activity: Determination of acidic and basic radicals	
AUGUST	6. Electrochemistry	18	Problem Solving	Adopting observation skill, Thinking skill (logical, rationale), Analytical and application
	7. Amines	14	Lab activity: Determination of acidic and basic radicals	Analysis , Understanding and Drawing skills in all topics.
SEPTEMBER	8.Biomolecules	18	Lab Activity: Tests for the presence of carbohydrates, proteins and fats in the given samples.	Competencies developed in students: collaborative learning, critical thinking and problem solving and character building, communication , citizenship etc
OCTOBER	9. Chemical Kinetics	15	Lab Activity: Effect of concentration and temperature on the rate of reaction between sodium thiosulphate and hydochloric acid.	Pupil draws and explains crystal field splitting in tetrahedral and octahedral complexes,
	10. Cordination Compounds	18	Debate	Structures of coordination compounds to explain the types of isomerism in coordination complexes.
NOVEMBER			Revision and Pre Board Examination	
JANUARY			Revision Board Pacticals and Board Practic	
FEBRUARY			Revision and Board Examination	
MARCH			Board Examination	

GREENFINGERS GLOBAL SCHOOL,KHARGHAR					
CLASS XII - BIOLOGY(044)SYLLABUS (2025-26)					
MONTH	**UNIT**	**CHAPTERS**	**PERIODS**	**PRACTICALS/ACTIVITY**	**PEDAGOGICAL PROCESS**
APRIL & MAY	UNIT – VI	Chapter-1: Sexual Reproduction in Flowering Plants	30 PERIODS	Study pollen germination	Hand on experience to understand different terms by using different flowers
		Chapter-2: Human Reproduction		T .S. of ovary andc testis Meiosis in onion bud cell T .S. of blastula	Use of simulation video to understand the structre and function of human reproductive organs
		Chapter-3: Reproductive Health		Mitosis in onion root tip	Students will collect information regarding different program being runned by government for reproductive health of society and population control.
JUNE	UNIT – VII	Chapter-4: Principles of Inheritance	40 PERIODS	Controlled pollination	Use of different pulses, flowers plants to understand the law
	GENETICS AND EVALUATION	and Variation.		Mendelian inheritance	of Mendel and pedigree chart.
		Chapter-5: Molecular Basis of		Prepared pedigree charts	Use of animated videos, models,beads and strings to understand the structure
		Inheritance		Isolate DNA	and processe of DNA.
JULY	UNIT-VIII BIOLOGY AND HUMAN WELFARE	Chapter-6: Evolution	30 PERIODS		By flip learning process students to explain given topic with additional information
AUGUST	UNIT-IX	Chapter-8:Microbes in Human Welfare	30 PERIODS	Common disease causing organisms	By compiling information of different microbes,their
	BIOTECHNOLOGY AND ITS APPLICATIONS	Chapter-9: Biotechnology - Principles and processes			advantages and disadvantages in tabular form.
					Use of different colour wool to understand the structure of Plasmid
		Chapter-10: Biotechnology and its Appl			By flip learning process students to explain given topic with additional information
SEPTEMBER	UNIT-X	Chapter-11: Organisms and Populations	30 PERIODS	Study the plant population	Students to observe different type of population interaction
	ECOLOGY AND ENVIRONMENT			density and frequency	and to share their view with other students for peer learning.
OCTOBER	ECOLOGY AND ENVIRONMENT	Chapter-12: Ecosystem. Chapter-13: Biodiversity and its Conservation	30 PERIODS	Moodels specimen showing symbiotic association Flash card models showing homologous and analogous	Student to prepare different food webs and pyramids by common examples present in surrounding In peer learning students will collect data regarding endangered species and hotspots.

GREENFINGERS GLOBAL SCHOOL,KHARGHAR				
CLASS XII - STANDARD MATHS(041) SYLLABUS (2025-26)				
Month	**No. of Periods**	**Units/Sub Units to be taught**	**Acivity**	**Pedagogy**
April	15 5	Unit-II Algebra (10) Marks 3) Matrices Concept, notation, order, equality, types of matrices, zero and identity matrix, transpose of a matrix, symmetric and skew symmetric matrices. Operation on matrices: Addition and multiplication and multiplication with a scalar. Simple properties of addition, multiplication and scalar multiplication. Non- commutativity of multiplication of matrices and existence of non-zero matrices whose product is the zero matrix (restrict to square matrices of order 2). Invertible matrices and proof of the uniqueness of inverse, if it exists; (Here all matrices will have real entries). 4) Determinants Determinant of a square matrix (up to 3 x 3 matrices), minors, co-factors and applications of determinants in finding the area of a triangle. Adjoint and inverse of a square matrix. Consistency, inconsistency and number of solutions of system of linear equations by examples, solving system of linear equations in two or three variables (having unique solution) using inverse of a matrix.	Art Integrated activity on matrix	Learning by doing or Constructive approach. Students will learn by doing the activity
June	15 05 10	Unit-I (8) Marks 1) Relations and Functions Types of relations: reflexive, symmetric, transitive and equivalence relations. One to one and onto functions. 2) Inverse Trigonometric Functions Definition, range, domain, principal value branch. Graphs of inverse trigonometric functions. Unit-III Calculus (35) Marks 5) Continuity and Differentiability Continuity and differentiability, derivative of composite functions, chain rule, derivative of inverse trigonometric functions, derivative of implicit functions. Concept of exponential and logarithmic functions. Derivatives of logarithmic and exponential functions.Logarithmic differentiation, derivative of functions expressed in parametric forms. Second order derivatives.	A2 (Relations) A3 (Functions)	Reflective / Constructive approach Students will learn concept in classroom and verify it by doing related activity in lab.

July	10	6) Application of Derivatives Applications of derivatives: rate of change of bodies, increasing/decreasing functions, maxima and minima (first derivative test motivated geometrically and second derivative test given as a	A9 (Continuity)	Constructive approach In this Students will learn different concepts of calculus by considering different examples of real world
	20	7) Integrals Integration as inverse process of differentiation.Integration of a variety of functions by substitution, by partial fractions and by parts, Evaluation of simple integrals and problems based on them. Fundamental Theorem of Calculus (without proof).Basic properties of definite integrals and evaluation of definite integrals.	A13 (Increasing and Decreasing)	
August	15 15	8) Applications of Integrals Applications in finding the area under simple curves, especially lines, circles/ parabolas/ellipses (in standard form only). 9) Differential Equations Definition, order and degree, general and particular solutions of a differential equation.Solution of differential equations by method of separation of variables, solutions of homogeneous differential equations of first order and first degree. Solutions of linear differential.	A14 (Local Maxima and Local Minima)	
September	8 15	Unit-IV (14) Marks 10) Vector Algebra Vectors and scalars, magnitude and direction of a vector.Direction cosines and direction ratios of a vector. Types of vectors (equal, unit, zero, parallel and collinear vectors), position vector of a point, negative of a vector, components of a vector, addition of vectors, multiplication of a vector by a scalar, position vector of a point dividing a line segment in a given ratio. Definition, Geometrical Interpretation, properties and application of scalar (dot) product of vectors, vector (cross) product of vectors. 11) 3D Geometry Direction cosines and direction ratios of a	A16 (Maxima and Minima) A18 (Maxima and Minima) A21 (Vector) A22 (Three Dimensional Geometry)	Learning by doing or Constructive approach. Students will learn by doing the activity

October	10 10	Unit-V (5) Marks 12) Linear programming Introduction, related terminology such as constraints, objective function, optimization, different types of linear programming (L.P.) problems, mathematical formulation of L.P. problems, graphical method of solution for problems in two variables, feasible and infeasible regions (bounded or unbounded), feasible and infeasible solutions, optimal feasible solutions (up to three non-trivial constraints). Unit-VI (8) Marks 13) Probability Conditional probability, multiplication theorem on probability, independent events, total probability, Bayes' theorem, Random variable and its probability distribution, mean of random variable.	A27 (Probability)	Laboratory method Students will learn by doing activities in lab
November				
December		Revision and 2nd Pre-Board		

GREENFINGERS GLOBAL SCHOOL,KHARGHAR				
CLASS XII - APPLIED MATHEMATICS(241) SYLLABUS (2025-26)				
Month	**No. of Periods**	**Units/Sub Units**	**Acivity**	**Pedagogical Techniques**
April	20	Unit-III-IV ALGEBRA Types of matrices, equality of matrices,transpose, symmetric and skew symmetric matrix Algebra of matrices, Determinants, Inverse of a matrix, Solving system of simultaneous equations using matrix method,Cramer's rule Determinants	Art Integrated Project	Types of matrices such as Row matrix,column matrix,Square matrix,Lower triangular matrix ,upper triangular matrix. Transpose of matrix, Determinants ,Area of triangle,points of collinearity.
	30	Unit-I - NUMBERS, QUANTIFICATION AND NUMERICAL APPLICATIONS(11) Marks Modulo Arithmetic,Congruence Modulo, Alligation and Mixture Numerical Problems based on Boats and Streams, Pipes and Cisterns, Races and Games Numerical Inequalities	Excel based Practical on Matrix multiplication and the inverse of a matrix	solve and practice problems on perpetuity, Sinking fund and EMI , Differentiation formula,chain rule problems and methods to solve the problems explanation
	20	Unit-II Numericals inequalities. Unit-XI - TIME BASED DATA Time Series , Components of time series, Time Series analysis for univariate data, Secular Trend,Methods of Measuring trend	Project on any suggested topic	Modulo Arithmetic, congruence modulo, properties of modulo Arithmetic,Alligation and mixture,Boats and Strams,pipes and cisterns,
June /July	20 20	Unit V,VI,VII - CALCULUS (15) Marks Differentiation and its Applications Higher Order Derivatives, Application of Derivatives,Marginal Cost and Marginal Revenue using derivatives,Increasing/Decreasing Functions,Maxima and Minima Integration and its Applications Integration, Indefinite Integrals as family of curves, Definite Integrals as area under the curve, Application of Integration	Plot the graphs of functions on excel and study the graph to find out the point of maxima/minima	integration properties, definition,formula derivation , Methods of solving of integration

August	10 25	Differential Equations Differential Equations, Formulating and Solving Differential Equations, Application of Differential Equations Unit- IV - PROBABILITY DISTRIBUTIONS (10) Marks	Probability and dice roll simulation	questions practice and different types of Differential Equations sums solving methods explain,Methods of moving averages,methods of least squares,procedure of finding the equation of trend line
September	10 20	Unit - X- INFERENTIAL STATISTICS Population and Sample, Population Unit - VII - FINANCIAL MATHEMATICS (15) Marks Unit-XII -Perpetuity, Sinking Funds, Calculation of EMI, Unit-XIII. Returns, Nominal Rate of Return,Compound Annual Growth Rate, Linear method of Depreciation	Stock Market data sheet on excel	formula derivation on returns ,growth and Depreciation,methods to solve the sums
October	10	Unit-XIV - LINEAR PROGRAMMING		
November		Revision and 1st Pre-Board		
December		Revision and 2nd Pre-Board		

GREENFINGERS GLOBAL SCHOOL,KHARGHAR				
CLASS XII - ACCOUNTANCY(055)SYLLABUS (2025-26)				
MONTH	**UNIT**	**TOPIC:SUB TOPIC**	**PERIODS**	**PEDAGOGICAL TECHNIQUES**
JUNE	PART B Financial statement analysis CH 1: Financial Statementsof a company	*Meaning, Nature, Uses and importance of financial Statement. *Statement of Profit and Loss and Balance Sheet in prescribed form with major headings and sub headings (as per Schedule III to the Companies Act,2013)	5	Formats of vertical balance sheet of various firms discussed with case study.
	CH 2: Financial Statements analysis	*Financial Statement Analysis: Meaning,Significance Objectives, importance and limitations	5	Project based teaching on analysis of financial statements
	CH 3 Tools for Financial Statement Analysis:Comparative statements, common size statements, Ratio analysis, Cash flow analysis	*meaning of comparative financial statements *Objectives of comparative financial statements.*Comparative balance sheet*Comparative statement of profit and loss account.*Common size balancesheet * Common size profit and loss account.	10	Project based teaching of various case study on analysis of financial statements .
	CH 4 Accounting Ratios	*Meaning of ratio analysis*Objectives of ratio analysis*Limitations of ratio analysis *Classification of ratio analysis	10	Individual student presented their selected firm financial statement
JULY	CH 5 Cash flow statement	*Meaning of cash flow statement*Objectives of cash flow statement.*Importance or uses of cash flow statement.*Limitations of cash flow statement*Computation and preparation of cash flow statement.	20	Project based teaching firm cash flow individually
AUGUST	PART A : Accounting of partnership firms.CH 1 FAUNDAMENTALS	* Partnership: features, Partnership Deed.* Provisions of the Indian Partnership Act 1932 in the absence of partnership deed*Fixed v/s fluctuating capital accounts.Preparation of Profit and Loss Appropriation account- division of profit among partners,guarantee of profits.*Past adjustments (relating to interest on capital, interest on drawing, salary and profit sharing ratio).*Goodwill: meaning, nature, factors affecting and methods of super profit and capitalization valuation - average profit,	20	Discussion and lecture based teaching on partnership fundamentals.
	CH 2 Change in the Profit Sharing Ratio	*sacrificing ratio,gaining ratio, accounting for revaluation of assets and reassessment of liabilities and treatment of reserves, accumulated profits and losses. Preparation of revaluation and losses. Preparation of account and balance sheet. revaluation	10	Various partnership firms case study used as a tool.

SEPTEMBER	CH 3 Admission of a partner	*Effect of admission of a partner on change in the profit sharing ratio, treatment of goodwill (as per AS 26),treatment for revaluation of assets and reassessment of liabilities, treatment of reserves, accumulated profits and losses adjustment of capital accounts and preparation of capital, current account and balance sheet	20	Various balance sheet with case study discussed.
	CH 4 Retirement and death of a partner:	*EFFECT OF retirement / death of a partner on change in profit sharing ratio, treatment of goodwill (as per AS 26), treatment for revaluation of assets and reassessment of liabilities,adjustment of accumulated profits, losses and reserves, adjustment of capital accounts and preparation of capital, current account and balance sheet. Preparation of loan account of the retiring partner.profit till the date of death. Preparation of deceased executor's account partner's capital account	20	Various balance sheet with partner retirement analysed with case study
	CH 5 Dissolution of a partnership firm:	*Meaning of dissolution of partnership and partnership firm, types of dissolution of a firm. Settlement of accounts - preparation of realization account, and other related accounts: capital accounts of partners and cash/bank a/c (excluding piecemeal distribution, sale to a company and insolvency of partner(s))	20	Various balance sheet with dissolution of firm analysed.
OCTOBER	Unit-3 Accounting for Companies CH 1 Accounting for Share Capital	*Features and types of companies.* Share and share capital: nature and types*Accounting for share capital: issue and allotment of equity and preferences shares.Public subscription of shares - over subscription and under subscription of shares; issue at par and at premium, calls in advance and arrears (excluding interest),issue of shares for consideration other than cash.*Concept of Private Placement and Employee Stock Option Plan (ESOP), Sweat Equity *Accounting of Sheet of a company.*Disclosure of share capital in the Balanceshares treatment of forfeiture and reissue	22	case study of companies discussed with balance sheet formats.
	CH 2 Accounting for Debentures	*Debentures: Meaning, types, Issue of debentures at par, at a premium and at a discount. Issue of debentures for consideration other than cash; Issue of debentures with terms of redemption;debentures as collateral security-concept,interest on debentures (concept of TDS is excluded). Writing off discount / loss on issue of debentures	22	discussion and lecture based teaching.

GREENFINGERS GLOBAL SCHOOL,KHARGHAR					
CLASS XII - BUSINESS STUDIES(054) SYLLABUS (2025-26)					
MONTH	UNIT	TOPIC-SUB TOPIC	PERIODS	PEDAGOGICAL STRATEGY	ACTIVITIES / PROJECTS
APRIL	Nature and Significance of Management	*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	12	Experiential learning techniques to teach management strategies.	QUIZ
APRIL	Unit 3: Business Environment	*Business Environment- concept and importance *Dimensions of Business Environment - Economic, Social, Technological, Political and Legal *Demonetization - concept and features	14	Case study on various components of business environment	PROJECTS ON BUSINESS ENVIRONMENT
JUNE	Unit 2: Principles	*Principles of	14	case study on various	projects on principles of
		significance		with techniques and	
		*Fayol's principles of			
		*Taylor's Scientific			
		and techniques			
JUNE	Unit 4: Planning	*Planning: Concept,	14	Inquiry based teaching	QUIZ
		limitation			
		*Planning process			
		*Single use and			
		Strategy, Policy,			
		Budget and Programme			
JULY	Unit 5: Organising	*Organising: Concept	15	Experential and enquiry based	QUIZ
		*Organising Process			
		*Structure of			
		divisional concept.			
		Formal and informal			
		*Delegation: concept,			
		importance			
		*Decentralization:			
JULY	Unit 6: Staffing	*Staffing: Concept and	16	Various case study on	ROLE PLAY.
		staffing			
		*Staffing as a part of			
		Management concept			
		*Staffing process			
		*Recruitment process			

		*Selection – process			
		*Training and			
		importance, Methods of			
		job and off the job -			
		apprenticeship training			
		training			
AUGUST	Unit 7: Directing	*Directing: Concept and	15	Various case studyof business	QUIZ
		*Elements of Directing		function.	
		*Motivation - concept,			
		needs, Financial and non-			
		incentives			
		*Leadership - concept,			
		democratic and laissez			
		*Communication -			
		informal communication;			
		effective			
		the barriers?			
AUGUST	Unit 8: Controlling	*Controlling - Concept	12	Various case studies	Activities on actual
		*Relationship between			performance in industry
		controlling			
SEPTEMBER	Unit 9: Financial	*Financial Management:	20	Discussion and lecture based	Project on stock
		objectives		on financial management.	
		*Financial decisions:			
		and dividend - Meaning			
		affecting			
		*Financial Planning -			
		importance			
		*Capital Structure –			
		affecting capital			
		*Fixed and Working			
		factors affecting their			
SEPTEMBER	Unit 10: Financial	*Financial Markets:	18	Various conditions discussed	Project on stock
		*Money Market: Concept		markets with busines case	
		*Capital market and its			
		secondary)			
		*Stock Exchange -			
		procedure			
		*Securities and			
OCTOBER	Unit 11: Marketing	*Marketing – Concept,	30	Marketing strategies	Project on product
		philosophies			
		*Marketing Mix –			
		*Product – branding,			
		packaging – Concept			
		*Price - Concept, Factors			
		*Physical Distribution –			
		components and			
		*Promotion – Concept			
		Advertising, Personal			
		Promotion and Public			

OCTOBER	Unit 12: Consumer Protection	*Consumer Protection: Concept and importance *The Consumer Protection Act, 2019: *Meaning of consumer Rights and responsibilities of consumers Who can file a complaint?Redressal machinery Remedies available *Consumer awareness - Role of consumer organizations and Non-Governmental Organizations (NGOs)	12	Discuussion and lecture based	Document making on various case study.
NOVEMBER	FIRST PRE BOARD EXAMINATION	PRE BOARD PRACTICALS			
DECEMBER	SECOND PREBOARD EXAMINATION				
JANUARY	REVISION	BOARD PRACTICALS			
FEBUARY	REVISION				
MARCH	BOARD EXAMINATION				

GREENFINGERS GLOBAL SCHOOL, KHARGHAR					
CLASS XII - ECONOMICS(030) SYLLABUS (2025-26)					
MONTH	**UNIT**	**TOPICS / SUB - TOPICS**	**PERIODS**	**ACTIVITY**	**PEDAGOGY**
APRIL /MAY	Unit 6	Part B: Indian Economic Development State of Indian economy on the eve of independence, Common goals of Five Year Plans. Main features, problems and policies of agriculture, industry and foreign trade.	6	NITI Aayog and NSO	
	Unit 1	Part A: Introductory Macroeconomics National Income and Related Aggregates What is Macroeconomics? Basic concepts in Macro-economics, Circular flow of income (two sector model)	14	To find out more information on Indian national income accounting methods	Team Based Learning - Group Discussion
	Unit 2	Money and Banking Meaning and functions, Money Creation by the Commercial Banking System, Central Bank and its functions	12	Collect information on Currency and Central Banks of various countries and key Banking Rates	Learning by doing
	Unit 6	Part B: Indian Economic Development State of Indian economy on the eve of independence,Common goals of Five Year Plans. Main features, problems and policies of agriculture, industry and foreign trade.	6	NITI Aayog and NSO	
	Unit 3	Determination of Income and Employment Aggregate demand and its components, Short-run equilibrium output; investment multiplier, Problems and measures of excess and deficient demand	18	Recent Monetary and Fiscal Policy	Critical pedagogical approach - Assignment

JUNE	Unit 4	Government Budget and the Economy Meaning, objectives and Components, Types of Budget Deficit	11	Recent Budget Analysis 2024	
	Unit 6	Economic Reforms since 1991: Features and appraisal of Liberalisation, Globalisation and Privatisation (LPG policy); Demonetization and GST	6	Globalisation - doodle art or Collage	Art integrated Learning
	Unit 5	Balance of Payments Balance of payments account - meaning and components; Surplus and Deficit	6	India's BOP Account from Economic Survey of India	
		Foreign exchange rate - Meaning, Merits and demerits of fixed and flexible rates and managed floating, Determination of exchange rate in a free market	8		
JULY	Unit 1	Aggregates related to National Income: Gross National Product (GNP), Net National Product (NNP), Gross Domestic Product (GDP) and Net Domestic Product (NDP) - at market price, at factor cost	16	Roleplay	Team Based Learning - Group Discussion
		Real and Nominal GDP			
		GDP Deflator			
		Methods of calculating National Income: Value Added or Product method, Expenditure and Income method.		Mind map of methods of national income calculation	
	Unit 7	Current challenges facing Indian Economy Human Capital Formation: How people become resource; Role of human capital in economic development; Growth of Education Sector in India	7	Employment newspaper and Employment Exchange	Flipped classroom learning

JULY/ AUGUST	Unit 7	Rural development: Key issues - credit and marketing - role of cooperatives; agricultural diversification; alternative farming - organic farming	6	Diversification - Case Studies	Critical pedagogical approach
SEPTEMBER		Employment: Growth and changes in work force participation rate in formal and informal sectors; problems and policies	5	Data to be collected from economic survey	Team Based Learning - Group Discussion
		Sustainable Economic Development	5	Discussion on SDGs (school)	Flip classroom learning
OCTOBER	Unit 8	Development Experience of India: A comparison with neighbours	6	To collect recent data on key economic and social indicators	Project based learning
NOVEMBER	Revision & Pre-board examination				
DECEMBER	Revision & Pre-board examination				
JANUARY	Revision & Board practicals				
FEBRUARY	Revision & Board practicals				
MARCH	Board examination				

GREENFINGERS GLOBAL SCHOOL,KHARGHAR					
CLASS XII - COMPUTER SCIENCE(083) SYLLABUS (2025-26)					
MONTH	UNIT	TOPICS	NO OF PERIOD	ACTIVITY	PEDAGOGICAL TECHNIQUES
APRIL	UNIT - 1 COMPUTATIONAL THINKING AND PROGRAMMING	REVIEW OF PYTHON BASICS- I	10	1.INSTALLATION OF PYTHON SOFTWARE 2.DEMONSTRATION OF PYTHON PROGRAMMING	1. EXPLAIN ALL THE STEPS OF SOFTWARE INSTALLATION. 2.PEER INSTRUCTION ACTIVITY.
JUNE	UNIT - 1 COMPUTATIONAL THINKING AND PROGRAMMING	FUNCTIONS	15	1. DEMONSTRATION OF PYTHON PROGRAMMING WITH DIFERENT TYPES OF FUNCTIONS.2.STUDY AND USE OF VARIOUS MEDIA AND TECHNIQUES TO THE EXTENT	THINK-PAIR-SHARE CAN BE PROJECTED AT DIFFERENT INTERVALS OF A PRESENTATION TO ALLOW STUDENTS TO REFLECT ON AND DISCUSS WITH A PARTNER WHAT HAS BEEN PRESENTED.
		EXCEPTION HANDLING	15	TO CREATE MODULE FOR EXCEPTION HANDLING	
JULY	UNIT - 1 COMPUTATIONAL THINKING AND PROGRAMMING	DATA FILE HANDLING	15	GROUP DISCUSSION	FLIPPED CLASSROOM
		DATA STRUCTURES IN PYTHON	10	PPT PRESENTATION	THINK-PAIR-SHARE CAN BE PROJECTED AT DIFFERENT INTERVALS OF A PRESENTATION TO ALLOW STUDENTS TO REFLECT ON AND DISCUSS WITH A PARTNER WHAT HAS BEEN PRESENTED.
AUGUST	UNIT - 2 COMPUTER NETWORKS	COMPUTER NETWORKS	15	DEBATE COMPETITION	1. PEER INSTRUCTION 2. THINK PAIR SHARE
SEPTEMBER	UNIT - 3 DATABASE MANAGEMENT	RELATIONAL DATABASE & SQL	15	INSTALLATION OF MYSQL SERVER 2008.HOW TO CHANGE DATA WITH DML COMMANDS USING SQL SERVER 2008	EXPLAIN ALL THE STEPS OF SOFTWARE INSTALLATION.
NOVEMBER	REVISION PRE-BOARD EXAM 1				
DECEMBER	REVISION PRE-BOARD EXAM 2				
JANUARY	REVISION AND BOARD PRACTICAL EXAMINATION				
FEBRUARY	REVISION AND BOARD EXAMINATION				
MARCH	BOARD EXAMINATION				

GREENFINGERS GLOBAL SCHOOL					
CLASS XII - PHYSICAL EDUCATION(048)SYLLABUS (2025-26)					
Month	**Unit**	**Period**	**Topics**	**Practical.**	**Pedagogical Techniques**
April	1	15	Unit-I:Management of Sporting Events Management of Sporting Events Various Committees & their Responsibilities Fixtures and their ProceduresIntramural & Extramural tournaments Community sports program	Fitness Tests Pull Ups ,Standing Long Jump Flexed Leg Situps,50 Yard Dash or Sprint Shuttle Run ,600 Yard Run.Warm up & Limbering Down	Students learn new skills to polish their physical fitness components by participating by immitation method.
	2	12	Unit-II: Children & Women in Sports Exercise guidelines of WHO for different age groups.Common postural deformities.Women's participation in Sports Special consideration Female athlete triad	Athletics:100M,200M,400M,800M,Skipping Aerobics Shotput Throw,Discuss Throw.	Different tests are taught by immitation method to check the physicall fitness with the help of motor fitness test.
June	3	12	Unit-III: Yoga as Preventive measure for Lifestyle Disease Obesity: Procedure, Benefits & Contraindications Diabetes: Procedure, Benefits &	Yogasana:Standing Asana,Practical-2: Conduct Barrow 3 Item Test	Various Yogasanas are taught by demonstration.Students learn new asanas by practically performing the asanas.
	4	13	Unit-IV: Physical Education & Sports for CWSN Organizations promoting Disability Sports (Special Concept of Classification and Divisioning in Sports.Concept of Inclusion in sports, its need &	Yogasana:Supine position Asanas.Practical-3: Procedure for Asanas,Pranayam.	Different tests are taught by immitation method to check the physicall fitness withthe help of motor fitness test.
July	5	12	Unit-V: Sports & Nutrition Concept of balanced diet and nutrition Macro and Micro Nutrients: Food sources & functions Nutritive & NonNutritive Components of Diet Eating for Weight control Importance of Diet	Practical-4:Senior Citizen Fitness Test Ball handling skills & Drills of team games HandBall,Basketball,Volleyball.Basic Skills & Techniques of Team Games.	To understand the relation of nutrition and sports and how it helps a player to enhance their performance level.practical knowledge given with the help of demonstration method
	6	13	Unit-VI: Test & Measurement in Sports Fitness Test – SAI Khelo India Fitness Test in school.Measurement of CardioVascular Fitness.Computing Basal Metabolic Rate Rikli & Jones - Senior Citizen Fitness Test Johnsen – Methney Test of Motor Educability	Flexed Leg Situps,50 Yard Dash or Sprint Shuttle Run ,600 Yard Run.	Practical demonstration given to the children.Different objects given to the students to the students for measurment of various Students understand by particpating as a student and then conducting the tests also.
August	7	13	Unit-VII:Physiology & Injuries in Sports Physiological factors determining components of physical Effect of exercise on the Muscular System Effect of exercise on the	Procedure for administering Senior Citizen	Class Seminars topic given to the students Students learn by presenting their given topic in frount of the class.

Sept	**8**	**18**	**Unit-VII: Biomechanics & Sports Newton's Law of Motion & its application in sports Types of Levers and their application in Sports.Equilibrium – Dynamic & Static and Centre of Gravity.Friction & Sports Projectile in Sports**	**Athletics Performance Athletics:100M,200M,400M,800M,Game of choice practice.**	**Home work given to the Students Students learn and revise by homework method.**
Oct	**9**	**12**	**Unit-IX: Psychology & Sports Personality; its definition & types.Motivation, its type & techniques.Exercise Adherence: Reasons, Benefits & Strategies Meaning, Concept & Types of Aggressions in Sports Psychological Attributes in Sports.**	**Journal & Project.**	**Explanation of topic with the help of practical performance Students understand by immitation method**
	10	**15**	**Unit-X: Training in Sports Concept of Talent Identification and Talent Development.Introduction to Sports Training Cycle.Types & Methods to Develop components physical Circuit Training - Introduction & its importance**	**Circuit Training.Basketball Backward Throw.**	**Practical demonstration of major games Students learn by participating and practicing the skills.Circuit training test by immitation method.**
Nov			**Revision.**		