BGS INTERNATIONAL PUBLIC SCHOOLSECTOR 5, DWARKA, NEW DELHI

CURRICULUM

SUBJECT: ENGLISH

CLASS-XI

SESSION: 2025-26

TEXT BOOK: HORNBILL, SNAPSHOTS, GRAMMAR ,
WRITING SKILLS

WRITING SKILLS AND ASL

TEACHER'S NAME: AMRITA

MONTH	CONTENT	OBJECTIVES	METHODOLOGY	EXPECTED LEARNING OUTCOMES	ACTIVITIES
APRIL	● The Portrait of a Lady. ● A Photograph	● To appreciate and comprehend the theme of the literary piece. ● To appreciate and comprehend the theme of the literary piece.	● Lesson shall be read by the students and then explained in detail. All difficult word meanings shall be explained. ● The poem shall be recited and then explained in detail. All difficult word meanings will be explained	● All four language skills- Reading, listening, speaking and writing will be developed. ● The students will be able to accept and learn to handle the fact that the world is changing every moment.	● Text-based writing and class interaction ● Discussion of Figures of speech and answering the extracts of the poem

MAY AND JUNE	**● Poster Making** **● Grammar- Determiners.** **● Unseen passages (factual, descriptive or literary/ discursive /persuasive/)** **● Unseen passage for Note Making and Summarising**	**● Enabling the students to develop the art of drawing posters and enhance creativity and imagination.** **● To develop Proficiency in the use of language skills necessary for academic purpose.** **● Preparing the students to enter the world of work.** **● To delve deeper into the usage of language.** **● Rules will be learnt and effective use of language to be practiced.**	**● Format will be given and students shall practice different types of Posters.** **● Printed notes will be given.** **● Practice worksheets will be given.**	**● To identify and read different types of Posters.** **● Correct grammatical skills will be developed** **● To help the students to develop the habit of taking notes**	**● Practice of different types of Posters.** **● Grammar worksheets and practice will be given.**

JULY	**PERIODIC TEST I** ● **The Laburnum Top** ● **The Summer Of the Beautiful White Horse** ● **Short Writing Tasks-Classifieds**	● **Appreciate great works of poets and enhance their creativity** ● **To appreciate and comprehend the theme of the literary piece.** ● **To appreciate literature and enhance creativity and imagination.** ● **To raise awareness and communicate an idea or issue a notice**	● **The poem shall be recited and then explained in detail. All difficult word meanings will be explained.** ● **Lesson shall be read and all difficult word meanings shall be explained.** ● **Printed notes will be given.** ● **Practice of MCQ type of questions**	● **Motherly love, which is universal, shall be understood through the poem.** ● **All four language skills-Reading, listening, speaking and writing will be developed.** ● **Ability to effectively design Visually appealing posters, craft concise and informative classified ads.**	● **Class interaction and Text-based writing.** ● **Discussion of Figures of speech and answering the extracts of the passages.** ● **Poster making and drafting advertisements.**
AUGUST	● **"We're Not Afraid to Die… if We Can All Be Together"** ● **Discovering Tut**	● **Explore and evaluate features of character, plot, setting etc.** ● **Personally respond to the literary text.** ● **To develop confidence and proficiency in the use of language.**	● **Lesson shall be read by the students and then explained in detail. All difficult word meanings shall be explained.** ● **Question Answers and RTC will be done..**	● **All four language skills-Reading, listening, speaking and writing will be developed.** ● **Chapter shall be well comprehended by the students.**	● **Class interaction and Text-based writing.** ● **Students will be motivated to speak on different topics.** ● **Grammar worksheets and practice from Smart-board.** ● **Different types of letters will be practiced.**

	● The Address ● The Adventure ● Father to son ● Grammar-Tenses	● To appreciate literature and enhance creativity and imagination. ● To appreciate and comprehend the theme of the literary piece.	● Practice of MCQ type of questions	● Confidence and proficiency in the use of language will be developed.	
SEPTEMBER	**MIDTERM ASL EXAM** ● Discovering Tut ● Tale of melon city ● Speech writing ● Grammar-Reordering of sentences ● Transformation of Sentence.	● Understanding the author's attitude and bias. ● To be able to understand what is said and what is implied. ● To develop knowledge required in order to engage in independent activity. ● Rules will be learnt and effective use of language to be practiced.	● All difficult word meanings shall be explained. ● Explanation in detail and reading the chapter. ● Students will be able to identify the central point and supporting details of the chapter ● Rules will be given and exercises will be practiced	● All four language skills-Reading, listening, speaking and writing will be developed. ● Chapter shall explain some spiritual aspects of human life. ● Confidence and proficiency in the use of language shall be developed. ● Correct grammatical skills will be developed	● Writing in response to questions. ● Respond to lectures Class interaction and Text-based writing. ● Some latest topic will be given for practice in the class. ● Grammar worksheets and practice from Smart-board.

OCTOBER	**● The Voice of the Rain** **● Childhood (Poem)** **● Silk Road (Prose)** **● Long Writing Tasks- Debate**	**● Identify elements of style such as humour, pathos satire, irony etc.** **● To appreciate and comprehend the theme of the literary piece.** **● To build communicative competence with other people and clients.**	**● Explanation in detail and reading the chapter.** **● All difficult word meanings shall be explained. Lesson shall be read by the students and then explained.** **● Rules will be given and exercises will be practiced**	**● Students will be able to identify the central point and supporting details of the chapter. Class interaction and Text-based writing.** **● Class interaction and Text-based writing.** **● Grammar worksheets and practice from Smart-board.**	**● Chapter shall be well comprehended by the students.** **● Students will understand the concept of generation-gap very well.** **● Usage of language will be learnt in a scientific and innovative way**

NOVEMBER	● **Mother's Day (Play)** ● **Birth (Prose** ● **Revision of Short Writing Tasks -Posters And Classifieds** ● **Long Writing Tasks- Speech and Debates will be revised.**	● **Understand and appreciate the oral, mobile and visual elements of Drama.** ● **Identify elementsof style such as humour, pathos satire, irony etc.** ● **Appreciate great works of poets and enhance their creativity.** ● **Rules will be learnt and effective useof language to be practiced.**	● **Lesson shall be read by the students and then explained in detail. All difficult word meanings shall be explained.** ● **Students will be motivated for role play based on chapter.** ● **Value points will be given and exercises will be practiced**	● **Students will be able to identify the central point and supporting details of the play.** ● **Pupils will comprehend the text well.** ● **Students will be motivated to write on different topics.**	● **Class interaction and Text-based writing.** ● **Respond to lectures, Class interaction and Text-based writing.** ● **Practice of different types of posters**
DECEMBER	**PERIODIC TEST II**	● **Revision for the exam.**	● **Recapitulate the chapters for better retention..**	● **Pen and paper revision, oral revision.**	● **Practise and revise the chapters**
JANUARY	**REVISION FOR FINAL EXAMINATION**				
FEBRUARY AND MARCH	**FINAL EXAMINATION PRACTICAL**				

BGSINTERNATIONALPUBLICSCHOOL SECTOR

5, DWARKA,NEW DELHI -75 CURRICULUM

SUBJECT :PHYSICS **CLASSXI**

TEXTBOOK: NCERT **SESSION:2025-26**

TEACHERSNAME: Mr. SHAILENDRA KUMAR

MONTH	CONTENT	OBJECTIVES	METHODOLOGY	EXPECTEDLEARNING OUTCOMES
April	**Physical world and measurement** Nature of physical laws, physics &technology.Unitofmeasurement, system of units, fundamental & derived units, errors in measurement & significant figure	To make students understand the basic concepts of forces in nature, contribution of physics towards other subjects as wellassociety.How to measure and compare two physical quantities, importance of dimensional formulas	Lecture cum discussionmethod with practice problems.	Students should be able to understandthescopeofphysics, contribution of physics towards other subjects & society. Students would be able to measure small distances using calipers and screw gauge.They would be able to analyze a physicalquantitydimentionally.
	Kinematics <u>Motion in straight line</u>:- position-time graph, velocity-time graph. Simpleconceptsofdifferentiation and integration for describing motion.(graphical treatment)	To make the students understand the distancecoveredby object in motion in differentsituations to inculcate the importance of vectorinphysics	Lecture cum discussionmethod with practice problem.	Students would be able to understand different types of motion.Howtosolveaproblem vectorially. Importance of projectile motion in daily life.

MAY	Motion in plane:- scalar vector, addition, subtraction & multiplicationofvectors,projectile motion & uniform circular motion **Laws of motion** Conceptofinertiaforce, momentum,impulse,newton'slaw of motion. Conservation of momentum. Equilibrium of concurrent motion, velocity of vehicle on level road and banked road.	To aware the students with phenomenonbased on inertia, momentum, impulseandfriction in daily life.	Lecturediscussion with problem practice.	Students would be able to understand the force, momentum,frictionandtheir applications in daily life.
JULY	**Workenergy&power** Work done by a constant & variable force.Energy,workenergytheorem. P.E.ofspring,conservative&non-conservative forces. Elastic & in elastic collision in 1 and 2 dimension. **PERIODICTEST-1**	To make students understand the conceptofworkand energy. To make the studentsunderstan d the importance and applications of rotationalmotionin daily life.	Lecture cum discussionmethod with problem practice. Lecture cum discussionmethod with problem practice.	Students would be able to understanddifferenttypesof collisions, conservation of energy.
AUGUST	**Motionofsystemofparticlesand rigid body** Centre of mass of two particle system,momentumconversation, moment of force, torque, angular momentum & its application.	To make the studentsunderstand the importance and applications of rotationalmotionin dailylife.	Lecture cum discussionmethod with problem practice.	Students would be able to understandthecenterofmass & center of gravity, torque, angular momentum and their applications in daily life.

	Motionofsystemofparticlesand rigid body (contd.) Equilibrium of rigid of rigid bodies. Equationsofrotationalmotion&its comparison with linear			
SEPTEMBER	**Gravitation** — Kepler'slawsofplanetary motion — Universallawofgravitation — Variation of 'g' with height and depth gravitational potentialenergy&potential energy, orbital & escape velocity of satellite **MIDTERMEXAMINATION**	To make the students understand the basicconceptof gravity and gravitation.	Lecture cum discussionmethod with problem practice.	Students would be able to understand the gravitational forcevariationofgwithheight and depth. Theywouldbeabletoknowthe different types of satellites and their functions.
OCTOBER	**Mechanicalpropertiesofsolids &fluids** Elasticity,stress,strainrelationship Hook's law,modulus of Elasticity,pressure due to a fluid column , Pascal's law and its applications,hydraulic lift and hydraulicbrake,effectofgravityon fluid pressure. **Mechanicalpropertiesofsolidsand Viscosity** Stokeslaw,terminalvelocityand turbulent velocity,Reynold'snumber,Bernoulli's theorem and its applications	To make the studentsunderstand the differentproperties ofsolidsandliquids.	Lecture cum discussionmethod with problem practice.	Students would be able to understand the gravitational forcevariationofgwithheight and depth. Theywouldbeabletoknowthe different types of satellites and their functions.
NOVEMBER	**Surfacetension** Surfacetensionandsurfaceenergy angle of contact & excess	Tomakethe students understandthe	Lecturecum discussionmethod with problem	Theywouldbeabletoexplain thethermalpropertiesofwater and thermodynamics.

	pressure,insidedrop&airbubble ascentformula. **Thermal properties of matter** Heat&temp,thermal expansion,specificheat,latent heat principleofcalorimetry,conduction of heat. **Thermodynamics** Thermalequilibriumzerothlaw,1st and 2nd law of thermodynamics.Thermodynamic processes,reversible&irreversible process,carnot'sengine **Behaviorofperfectgasandkinetic theory of gas** Equationofstateforperfectgas ,kinetic theory of gas, degree of freedom ,laws of equitation of energy(statementonly),meanfree path.	differentproperties ofsolidsandliquids.	practice.	
DECEMBER	**Oscillations and waves** Periodic motions SHM &characteristicofSHM. Energy in SHM. Motion of loaded spring free,forced&damped oscillations,resonance,wavemotion ,speed of wave motion progressive wavesuperposition,wavesstationary wavesbeats,organpipes,fundamental modes of harmonics, Doppler's effect.	To make the students understand the behaviorofperfect gas.	Lecture cum discussionmethod with problem practice.	Students would be able to understandthebehaviorof perfect gas.

	PERIODICTEST-II			
JANUARY	**REVISION**			
FEBRUARY	**FINALTERMEXAMINATION**			

TEACHER

BGS INTERNATIONAL PUBLIC SCHOOL
SECTOR 5, DWARKA, NEW DELHI -75
CURRICULUM

SUBJECT: CHEMISTRY **CLASS XI**

TEXT BOOK: NCERT **SESSION: 2025-26**

TEACHERS NAME: Ms. SUMANLATA

MONTH	CONTENT	OBJECTIVES	METHODOLOGY	EXPECTED LEARNING OUTCOMES	ACTIVITIES /PRACTICALS
APRIL	**1. Some Basic Concepts of Chemistry** Importance & scope, laws of chemical combination, Dalton's atomic theory, elements, atoms & molecules, atomic & molecular masses, mole concept and molar mass, % composition, empirical & molecular formula, chemical reactions, stoichiometry and calculations based on stoichiometry.	To make students understand basic concepts involved in physical chemistry.	1. Discussion method 2. Chalk n Talk 3. Lecture demonstration 4.Problem solving	Students would be able to explain the concepts and solve the numerical based on them.	Preparation of standard solutions of Oxalic acid and Sodium carbonate
	2. Structure of Atom Discovery of Electron, Proton and Neutron, atomic number, isotopes and isobars. Thomson's model and its limitations. Rutherford's model and its limitations, Bohr's model and its limitations, concept of shells and subshells, dual nature of matter and light, de Broglie's relationship, Heisenberg uncertainty principle,	To make students understand basics of structure of atom.	1. Discussion method 2. Chalk n talk 3. Lecture demonstration 4.Problem solving	Students would be able to explain the concepts and solve the numerical based on them.	Determination of melting and Boiling point of organic compounds

	concept of orbitals, quantum numbers, shapes of s, p and d orbitals, rules for filling electrons in orbitals - Aufbau principle, Pauli's exclusion principle and Hund's rule, electronic configuration of atoms, stability of half-filled and completely filled orbitals.				
MAY-JUNE	**3. Classification of Elements and Periodicity in Properties** Significance of classification, brief history of the development of periodic table, modern periodic law and the present form of periodic table, periodic trends in properties of elements - atomic radii, ionic radii, inert gas radii, Ionization enthalpy, electron gain enthalpy, electronegativity, valency. Nomenclature of elements with atomic number greater than 100.	To discuss the trends in periodic properties.	1. Lecture method 2. Chalk n Talk 3. Discussion method 4. Assignment	Students would be able to explain the trends in periodic properties and the reasons for them.	Determination of strength of given NaOH solution with help of standard oxalic acid solution
JULY	**PERIODIC TEST I**				
JULY	**4. Chemical Bonding and Molecular Structure** Valence electrons, ionic bond, covalent bond, bond parameters, Lewis's structure, polar character of covalent bond, covalent character of ionic bond, valence bond theory, resonance, geometry of covalent molecules, VSEPR theory, concept of	To explain the basics involved in structure of chemical compounds.	1. Lecture method 2 Chalk n Talk 3. Discussion method 4.Problem solving	Students would be able to explain structures of different compounds.	Determination of strength of given HCl solution with help of standard Na_2CO_3 solution

	hybridization, involving s, p and d orbitals and shapes of some simple molecules, molecular orbital theory of homonuclear diatomic molecules (qualitative idea only), Hydrogen bond.				
AUGUST	**5. Organic Chemistry: Some Basic Principles and Techniques** General introduction, methods of purification, qualitative and quantitative analysis, classification and IUPAC nomenclature of organic compounds. Electronic displacements in a covalent bond: inductive effect, electromeric effect, resonance and hyper conjugation. Homolytic and heterolytic fission of a covalent bond: free radicals, carbocations, carbanions, electrophiles and nucleophiles, types of organic reactions.	To make students learn the basics of organic chemistry.	1. Discussion method 2. Chalk n Talk 3. Flow Chart preparation 4.Problem solving	Students would be able to name organic compounds and explain other concepts.	Salt analysis
SEPTEMBER	**MID TERM**				
SEPTEMBER	**6. Redox Reactions** Concept of oxidation and reduction, redox reactions, oxidation number, balancing redox reactions, in terms of loss and gain of electrons and change in oxidation number, applications of redox reactions.	To make students understand the concepts of redox reactions.	1. Discussion method 2. Chalk n Talk 3. Flow Chart preparation 4. Problem solving 5. Printed worksheets	Students would be able to explain different concepts, calculate oxidation no. and balance redox reactions.	Salt analysis

OCTOBER	**7. Equilibrium** Equilibrium in physical and chemical processes, dynamic nature of equilibrium, law of mass action, equilibrium constant, factors affecting equilibrium , Le Chatelier's principle, ionic equilibrium- ionization of acids and bases, strong and weak electrolytes, degree of ionization, ionization of poly basic acids, acid strength, concept of pH, hydrolysis of salts (elementary idea), buffer solution,Henderson Equation, solubility product, common ion effect (with illustrative examples).	To make students understand different theories and concepts in chemical equilibrium.	1. Discussion method 2.Chalk n Talk 3. Lecture demonstration method 4.Problem solving	Students would be able to explain different theories and apply them. They will be able to solve numericals based on them.	

NOVEMBER	**8. Hydrocarbons** **Classification of Hydrocarbons** **Aliphatic Hydrocarbons**: Alkanes - Nomenclature, isomerism, conformation (ethane only), physical properties, chemical reactions including free radical mechanism of halogenation, combustion and pyrolysis. Alkenes - Nomenclature, the structure of double bond (ethene), geometrical isomerism, physical properties, methods of preparation, chemical reactions: addition of hydrogen, halogen, water, hydrogen halides (Markovnikov's addition and peroxide effect), ozonolysis, oxidation, mechanism of electrophilic addition. Alkynes - Nomenclature, the structure of triple bond (ethyne), physical properties, methods of preparation,	To make students learn about organic compounds.	1. Discussion method 2. Problem solving 3. Chalk n Talk 4. Lecture method	Students would be able to write the chemical equations on their own.	Salt analysis

	chemical reactions: acidic character of alkynes, addition reaction of - hydrogen, halogens, hydrogen halides and water. **Aromatic Hydrocarbons**: Introduction, IUPAC nomenclature, benzene: resonance, aromaticity, chemical properties: mechanism of electrophilic substitution. Nitration, sulphonation, halogenation, Friedel Craft's alkylation and acylation, directive influence of the functional group in monosubstituted benzene. Carcinogenicity and toxicity.				
DECEMBER	**PERIODIC TEST II**				
DECEMBER	9. CHEMICAL THERMODYNAMICS: Concepts of System and types of systems, surroundings, work, heat, energy, extensive and intensive properties, state functions. First law of thermodynamics -internal energy and enthalpy, heat capacity and specific heat, measurement of ΔU and ΔH, Hess's law of constant heat summation, enthalpy of bond dissociation, combustion, formation, atomization, sublimation, phase transition, ionization, solution and dilution. Second law of Thermodynamics (brief introduction) Introduction of entropy as a state function, Gibb's energy change for spontaneous and non- spontaneous processes, criteria for equilibrium. Third	To make students learn the basics of thermodynamics.	1.Discussion method 2.Printed notes 3.Chalk n Talk 4.Problem solving	Students would be able to explain different concepts	Salt analysis

	law of thermodynamics (brief introduction).				
JANUARY	**REVISION FOR FINAL EXAMINATION**				
FEBRUARY	**REVISION FOR FINAL EXAMINATION + FINAL EXAMINATION**				
MARCH	**FINAL EXAMINATION**				

BGS INTERNATIONAL PUBLIC SCHOOL

SECTOR 5, DWARKA ,NEW DELHI

CURRICULUM

SUBJECT : COMPUTER SCIENCE **CLASS : XI**
TEXT BOOK: NCERT **SESSION : 2025-26**
TEACHERS NAME: MS. ANUPAMA SRIVASTAVA

MONTH	CONTENT	OBJECTIVES	METHODOLOGY	EXPECTED LEARNING OUTCOMES	ACTIVITIES
APRIL	**Programming and Computational Thinking** • Introduction to problem solving • Familiarization with the basics of Python programming • Knowledge of data typesOperators • Conditional statements if-elif statements.	• To make them understand the need of Algorithm(steps for solving a problem) and Flowcharts • Understand the concept and usage of different data types & operators in python • Create Python expression(s) and statement(s). • To implement Conditional and Iteration statements in Python using if-else ,nested if-elif statements.	Discussion and Practical	Students will learn the various Steps for solving a problem using algorithm, flow chat and pseudo code. They will become familiar with features of Python, character sets. Various data types and Operators permitted in Python . Students will be able to learn and apply reasoning and logic in the programmimg.	❖ **Practical questions** ❖ **Recapitulation test** ❖ **Assignments**
MAY-JUNE	**Programming and Computational Thinking** • Notion of iterative computation and control flow: FOR, WHILE • Jump Statements like Break and Continue.	• Students will learn the about the concept of Flow of control statements using FOR, WHILE loops etc.in the programs.	Discussion and Practical	They will implement conditional and iterative statements and nested if-else statements and looping constructs.	❖ **Practical questions** ❖ **Recapitulation test** ❖ **Assignments**

				Students will be able to apply logical concepts to solve.	
JULY	**Programming and Computational Thinking** • Strings: Compare, Concat, substring, notion of states and transitions. • REVISION	Students will be able to learn the types of Traversal, operations – concatenation, repetition, membership; functions/methods in String	Discussion and Practical	Students will learn the concepts of String Manipulation as a data sequence of python .	❖ **Practical questions** ❖ **Recapitulation test** ❖ **Assignments**
		JULY PERIODIC TEST - I			
AUGUST	**Programming and Computational Thinking** • Lists and Tuples	To understand the concepts of Lists, Tuples and the notion of accessing elements in a collection using numbers and names.	Discussion and Practical	Students will enhance their knowledge of higher order data structures. Students will apply their pre acquired knowledge of fundamentals of Python to create more complex programs of higher order data structures.	❖ **Practical questions** ❖ **Recapitulation test** ❖ **Assignments**
SEPTEMBER	Dictionaries.	To understand the concepts of Dictionaries and the notion of accessing elements in a collection using numbers and names.	Discussion and Practical	Students will enhance their knowledge of higher order data structures.	❖ **Practical questions** ❖ **Recapitulation test** ❖ **Assignments**
		MID TERM EXAM			
OCTOBER	**Programming and Computational Thinking**	Students will learn methods to import various modules and associated functions.	Discussion and Practical	Importing math module (pi, e, sqrt, ceil, floor, pow, fabs, sin, cos, tan); random module (random, randint,	❖ **Practical questions** ❖ **Recapitulation test** ❖ **Assignments**

	• Python Modules like Math, Random and Statistics module.			randrange), statistics module (mean, median, mode).	
NOVEMBER	**Computer Systems and Organisation** • Compiler and Interpreter • Functioning of operating System • Concept of Cloud computing and Parallel Computing.	Students will learn the difference between Compiler and Interpreter. Operating System as a resource manager. Students will be able to understand cloud storage (private / public) and acquire knowledge of parallel computing.	Discussion	Students will develop a basic understanding of computer systems-architecture, OS mobile and cloud computing.	❖ **Practical questions** ❖ **Recapitulation test** ❖ **Assignments**
DECEMBER	• Society, Law and Ethics- • Cyber Safety • Technology and Safety	Students will learn about the importance of Cyber Safety and appropriate usage of Social networks.	Discussion	Students will know about the appropriate usage of social networks and safely accessing web sites.	❖ **Practical questions** ❖ **Recapitulation test** ❖ **Assignments**
		PERIODIC TEST -II			
JANUARY	**REVISION**				
FEBRUARY-MARCH	**FINAL TERM**				

SUBJECT TEACHER

BGS INTERNATIONAL PUBLIC SCHOOL

SECTOR 5, DWARKA ,NEW DELHI

CURRICULUM

SUBJECT : PHYSICAL EDUCATION (048) **SESSION: 2025-26**
TEXT BOOK: NCRT **CLASS : XI**
TEACHERS NAME: ANITA SHARMA

MONTH	CONTENT	OBJECTIVES	METHODOLOGY	EXPECTED LEARNING OUTCOMES	ACTIVITIES
APRIL	**1.Changing trends & career in physical education.** Aim & Objective of physical education, career options in physical education ,changing trends in physical education.	To make them understand Aim and objective of physical education.	Discussion method and with the help of notes.	Students would be able to list various career options available in physical education.	TEST.
MAY	**2. Olympic Value Education** Modern Olympics, & organizational set-up of CBSE S.	To make them understand the modern Olympic.	Discussion method and with the help of notes.	Students would be able to gain knowledge about Olympic association.	TEST
JUNE	**3.Physical fitness,wellness & lifestyle**	To make them understand the value of physical fitness	Discussion method.	Students would be able to prevent various health threats.	TEST.

	Importance & components of physical fitness, concept of positive lifestyle	and lifestyle.			
JULY	**4.<u>Physical education & sports for Differently abled</u>** Aim & objective, Organization promoting Adaptive sports. **PERIODIC TEST-I**	To make them understand the value of physical education for special child.	Discussion method.	Students would be able to understand role of various professionals for children.	TEST.
AUGUST **SEPTEMBER**	**5.<u>Yoga</u>** Elements of yoga introduction of Asana , Pranayam & Yogic Kriyas . **6.<u>Physical activity leadership training</u>.** Qualities of a Leadership, objective and types of Adventure Sports **MID-TERM EXAM**	To make them understand different types of asana. To make them understand the leadership traits and types of adventure in sports.	Discussion method Discussion method	Students would able to perform various types of Yoga and will know their benefit too. Students would be able to learn safety measures to prevent sports injury.	PRACTICE. TEST
OCTOBER	**<u>7.Test, measurement & evaluation</u>**	To make them learn various tests ,	Discussion method.	Students would be able to calculate different tests	TEST

	Define, Importance & calculation of various and measurement. Various body types. **8.Fundamentals of Anatomy , Physiology & kinesiology in Sports** Define, functions & properties of muscles, oxygen debt & second wind.	measurement and function of muscles.		and function of muscles. They would be able to define properties of muscles too.	
NOVEMBER	**9.Psychology & Sports** Meaning & principles of Sports Training, warming up & Limbering Down.	Students would able to perform various types of Yoga and will know their benefit too.	Discussion method with notes on the sub topics. Class assignments.	Help the students to understand the psychology of sports in one's life.	TEST.

DECEMBER	**<u>10.training and doping in Sports</u>** Definition & importance, differentiate between growth & development, plateau, concept of emotion. **PERIODIC TEST-II**	To make them understand doping and classification of doping	Discussion method with notes on the sub topics. Class assignments.	Students would be able to understand the concept of growth and development.	TEST
JANUARY			**REVISION**		
FEBRUARY	**FINAL EXAMINATION**				

SUBJECT TEACHER

BGS INTERNATIONAL PUBLIC SCHOOL
SECTOR 5, DWARKA ,NEW DELHI
CURRICULUM

SUBJECT : BIOLOGY **SESSION : 2025-26**
TEXT BOOK : NCERT **CLASS : XI**
TEACHER : Ms. CHITRA CHAKRAVARTY

MONTH	CONTENT	OBJECTIVES	METHODOLOGY	EXPECTED LEARNING OUTCOMES	ACTIVITIES
APRIL	UNIT I DIVERSITY IN THE LIVING WORLD 1.THE LIVING WORLD	• To develop knowledge skills that would enable the students understand the concept of living classification, taxa, nomenclature and other taxonomic categories and taxonomic aids.	Lecture, Discussion Demonstration Problem solving and Multimedia	<u>After completing the First unit, children will be able to:</u> • Understand the basis of classification and its application • Prepare a herbarium	• Study of the different parts of a compound microscope.
	2.BIOLOGICAL CLASSIFICATION	• Enable them to understand the characteristics of five kingdom classification, and two kingdom classification,detailed study of various kingdoms.	Lecture, Discussion, Interaction and Multimedia	• Become familiar with basis of classification and its various attributes. • Prepare a chart showing diversity in organisms.	• Study of the specimens/slides/models and identification with reasons- Bacteria.Oscillatoria,Spirogyra,Rhizopus,mushroom, yeast,lichen etc
	3.PLANT KINGDOM	• To acquaint them with Thallophyta Bryophyta,Pteridophyta,Gymnosperms and and their characteristics.	Lecture, Discussion, Interaction and Multimedia	• Discuss the structure of various lower plants, their evolution with respect to modern day plants. • Prepare a chart work on • contrasting features of Thallophyta Bryophyta and Pteridophyta	• Study of the specimens/slides/models and identification with reasons- Liverwort.moss.fern,pine,one monocotyledonous plant,one dicotyledonous plant.

MAY	**4.ANIMAL KINGDOM**	• **To familiarise the learners with the study of various organisms on various basis categorisation of chordates and non chordates their** • **structure and appearance and occurrence.**	**Lecture, Discussion, Interaction and Multimedia**	• **Differentiate the contrasting features of various phylum and their comparative study** • **Exhibit the various contrasting features of various organisms on the basis of specimens given** • **Prepare a chart on contrasting features of different phyla** • **Differentiate between invertebrates and Vertebrates** •	• **Study of the specimens/slides/models and identification with reasons-Amoeba,hydra,liverfluke,ascaris,leech,earthworm,prawn,silkworm,honeybee,snail, starfish,sharkrohu,frog,lizard, pigeon and rabbit.**
JUNE	**5.MORPHOLOGY OF FLOWERING PLANTS**	• **To study the various morphological aspects of plants.** • **To help them to study root,shoot,leaves,their region,modifications and uses. Parts of flower,floral formula, structure of seed.**	**Lecture, Discussion, Interaction and Multimedia**	**<u>After completing the unit, children will be able to:</u>** • **Learn various parts of a plant and their importance and modifications**	• **Sudy and identification of different types of inflorescence (cymose and racemose)** • **Study and description of locally available common flowering plants,one from the Family Solanaceae.**
JULY	**PERIODIC TEST I**				
JULY	**6.ANATOMY OF FLOWERING PLANTS**	• **To emphasize the structure of various types of tissues,concept of simple and permanent tissues,various tissue system,Anatomy of dicot and monocot root,stem and leaf in plants.**	**Lecture, Discussion, Interaction and Multimedia**	• **Understand and differentiate the various tissues along with their role.** • **Explain the differences between monocot and dicot root and stem.**	• **Preparation and study of T.S. of dicot and monocot roots and stem (primary)**

	7.STRUCTURAL ORGANISATION IN ANIMALS	• **Various types of animal tissues and their structure,anatomy of frog**	**Lecture, Discussion, Interaction and Multimedia**	• **Explain the structure and functioning of various organ systems in frog.**	
AUGUST	**UNIT III CELL: STRUCTURE AND FUNCTIONS** **8.CELL: THE UNIT OF LIVING**	• **To make the students learn the introduction of cell, its discovery, and its various cell organelles, the roles of various cell organelle,and cell theory.**	**Lecture, Discussion, Interaction and Multimedia**	**<u>After completing the unit, children will be able to:</u>** • **Learn various cell organelles and their role** • **Explain the Fluid mosaic model of plasma membrane**	• **Study of osmosis by potato osmometer** • **Study of plasmolysis in epidermal peels (e.g. Rhoeo leaves)**
	9.BIOMOLECULES	• **To acquaint them with the macro and micro molecules,structure of carbohydrates,proteins, fats and nucleic acids,concept of enzyme action**	**Lecture, Discussion, Interaction and Multimedia**	• **Learn all the important components of the cell** • **Demonstrate the various structure of carbohydrates, proteins fats and nucleic acids etc.**	**Test for the presence of sugar,starch,proteins and fats.Detection in suitable plant and animal materials.**
	10.CELL CYCLE AND CELL DIVISION	**To make them understand various phases of cell cycle,phases of cell division,mitosis and meiosis**	**Lecture, Discussion, Interaction and Multimedia**	• **Understand the importance of various phases of cell division.** • **Show the various phases of mitosis and meiosis.**	**Study of mitosis in onion root tip cells and animal cells (grasshopper) from permanent slides.**
SEPTEMBER	**MID TERM EXAMINATION**				
SEPTEMBER-OCTOBER	**UNIT IV PLANT PHYSIOLOGY**	• **To develop scientific approach towards Photosynthesis and its** • **role, concept of light**	**Lecture, Discussion, Interaction and Multimedia**	**<u>After completing the unit, children will be able to:</u>** • **Explain the concept photosynthesis and its**	• **Separation of plant pigments through paper chromatograpy.**

	13.PHOTOSYNTHESIS IN HIGHER PLANTS	**and dark reactions,**		**applications.** • **Understand the differences between light and dark reaction.**	
	14.RESPIRATION IN PLANTS	• **glycolysis,Kreb's cycle, factors affecting photosynthesis** **To make them understand Glycolysis,fermentation,differences between aerobic and anaerobic respiration,electron transport chain.**	**Lecture, Discussion, Interaction and Multimedia**	• **Learn Respiration and its uses in various attributes.** **Describe events occurring in glycolysis and Krebs cycle.**	• **Study of the rate of respiration in flower buds/leaf tissue and germinating seeds.** • **Comparative study of the rates of transpiration in the upper and lower surface of leaves.**
	15.PLANT GROWTH AND DEVELOPMENT	**To develop and promote the knowledge of Growth and phases of growth, various growth model,conditions for growth,plant hormones and their uses.**	**Lecture, Discussion, Interaction and Multimedia**	**Lecture, Discussion, Interaction and Multimedia**	• **Study of distribution of Stomata on the upper and lower surfaces of the leaf.**
NOVEMBER	**UNIT V HUMAN PHYSIOLOGY** **17.BREATHING AND EXCHANGE OF GASES**	**To describe Human respiratory system,mechanism of breathing,respiratory volumes and capacities,exchange of gases,transport of oxygen and carbon dioxide,disorders of respiratory system**	**Lecture, Discussion, Interaction and Multimedia**	**<u>After completing the unit, children will be able to:</u>** • **Get familiar with the mechanism of breathing and exchange of gases.** **Calculate the total lung capacity In an organism**	

	18.BODY FLUIDS AND CIRCULATION	**To acquaint them with the Components of circulatory system,components of blood,concept of blood groups,coagulation of blood,circulation mechanism,cardiac cycle and ECG**	**Lecture, Discussion, Interaction and Multimedia**	• **Understand the underlying principle behind circulation of body fluids.** **Calculate the pulse and breathing rate.** • **Describe the concept of functioning of kidney.**	
	19.EXCRETORY PRODUCTS AND THEIR ELIMINATION	**To mention about the Human excretory system,structure of kidney,counter current mechanism,urine formation,disorders of excretory system**	**Lecture, Discussion, Interaction and Multimedia**	**Explain the various steps involved in urine formation.**	• **Test for presence of urea in urine** • **Test for presence of sugar in urine** • **Test for presence of albumin in urine.** **Test for presence of bile salt in urine.**
DECEMBER	**PERIODIC TEST II**				
DECEMBER	**20.LOCOMOTION AND MOVEMENT**	• **To encourage types of movement,types of muscles and muscle contraction and theories related to it,human skeleton system and types of bones.**	**Lecture, Discussion, Interaction and Multimedia**	• **Demonstrate various types of bones in human body** • **Become familiar with the human skeletal system and its disorders associated to it.**	• **Study of human skeleton and different types of joints with the help of virtual images/models only.**

JANUARY	**21.NEURAL CONTROL AND COORDINATION** **22. CHEMICAL COORDINTION AND INTEGRATION**	• **To explain the Human neural system, structure of neuron, generation of nerve impulse and transmission, central nervous system, structure of human brain and spinal cord.** **To motivate them to learn about the Human endocrine system, various endocrine glands and their hormones associated to it,and their mode of action**	**Lecture, Discussion, Interaction and Multimedia** **Lecture, Discussion, Interaction and Multimedia**	• **Study the various parts of human brain via different models.** **Learn various parts of brain and its co ordination with various parts of the body.** • **Explain the action of different hormones and their impact on body** • **Show the mechanism of action of hormones by the hep of well labelled diagrams.**	
JANUARY	**REVISION**				
FEBRUARY--MARCH	**FINAL EXAMINATION**				

BGS INTERNATIONAL PUBLIC SCHOOL
SECTOR 5, DWARKA ,NEW DELHI
CURRICULUM

SUBJECT: PSYCHOLOGY **SESSION: 2025-26**
TEXT BOOK: NCERT **CLASS: XI**
TEACHER'S NAME: MS SHUBHAM DHIR

MONTH	CONTENT	OBJECTIVES	METHODOLOGY	EXPECTED LEARNING OUTCOMES	ACTIVITIES
APRIL	Ch-1 What is Psychology	• To understand the nature and role of psychology, its relationship with other disciplines. • To appreciate the value of psychology in daily life.	Lecture & Discussion	• The students will understand the role and application of Psychology in daily life. • They will appreciate the evolutionary process of Psychology.	Assignment, worksheet
	INTRODUCTION TO PRACTICALS: Self Concept Questionnaire	• To explain the process of experiments. • To explain the essentials of research process.	Lecture and Demonstration	• The student will understand the procedure of experiments including hypothesis formation, administration, scoring as well as interpretation.	Conduction of Practicals

	Ch-2 Methods of Enquiry in Psychology	• To explain the goals and nature of psychological enquiry • To describe important methods of psychological enquiry	Lecture & Discussion	• They will learn the ethics of experimental psychology. • They will learn the research process. • They will understand the importance of different variables in experimental process. They will learn various methods of psychological enquiry	Worksheets, Practicals
MAY	Ch-3 Bases of Human Behaviour	• To understand the evolutionary nature of human behavior. • To explain the role of culture in shaping human behaviour. • To describe the processes of enculturation, socialisation and acculturation.	Lecture & Discussion &Multimedia	• The students will learn biological bases of behaviour. • They will understand how culture affects individuals and how individuals affect culture.	Demonstration of videos about how neurons work

JULY	Ch-4 Human Development	• To describe the meaning and process of development • To identify the stages of development and their challenges. **PERIODIC TEST I**	Lecture, Discussion & Multimedia	• The students will learn various facets of development during different developmental stages. • They will also understand various challenges during these stages.	ASSIGNMENT WORKSHEETS REVISION THROUGH QUIZZES APP
AUGUST+ SEPTEMBER	Ch-5 Sensory, Attentional and Perceptual Processes	• To understand the nature of sensory processes. • To explain the processes and types of attention and their use in everyday life.	Lecture, Discussion & Multimedia	• To understand the nature of sensory processes, • To explain the processes and types of attention, • To analyse the problems of form and space perception, • To examine the role of socio-cultural factors in perception, and • To reflect on sensory, attentional and perceptual processes in everyday life.	ASSIGNMENT WORSHEETS DISCUSSION OF CASE STUDY BASED QUESTIONS

	Ch-6 Learning	• To describe the nature of learning and its types. • To explain various theories of learning and their determinants. **MID TERM**	Lecture, Discussion and Multimedia	• The students will learn different models of conditioning including classical conditioning and operant conditioning. • They will also learn verbal learning, insight learning and latent learning. • They will also learn to implement learning principles into daily life.	Application of learning principles, Real life examples, demonstration of videos related to learning classic experiments.
OCTOBER	Ch-7 Human Memory	• To understand the nature of memory. • To distinguish between different types of memory. • To explain the nature and causes of forgetting	Lecture and Discussion	• The students will learn stage model of memory. • They will understand role of rehearsal in transfer of memory from short term to long term.	ASSIGNMENT, WORKSHEETS
NOVEMBER	Ch 9 Motivation and Emotion	To understand the nature of human motivation		• The students will understand what	ASSIGNMENT WORKSHEETS

		To describe the nature of human expression.		guides people's behaviour • They will learn to identify and modify emotions • The students will learn the theories of motivation.	REVISION THROUGH QUIZZES APP
DECEMBER		**PERIODIC TEST 2**			
JANUARY		**REVISION**			
FEBRUARY-MARCH		**FINAL EXAMINATION**			

SUBJECT TEACHER: Ms SHUBHAM DHIR, PGT Psychology

BGS INTERNATIONAL PUBLIC SCHOOL
SECTOR – 5, DWARKA, NEW DELHI
CURRICULUM

Subject: Economics (030) Class : XI

Books: Part A Introductory Microeconomics (NCERT) Session: 2025-26

Part B Statistics for Economics (NCERT)

Teacher Name: Mr. Gaurav

Month	Content	Objectives	Methodology	Expected Learning Outcomes	Activities
APRIL	Unit 1 Central Problem of an economy Unit 2 Consumer Behaviour and Demand	- Familiar with the concept of micro & macro economics - Central Problems of an economy - Understand different concepts of utility & maximum satisfaction level of a consumer under cardinal & ordinal approach - Understand the meaning & different concepts of demand	- Lecture method - Use of multimedia - Discussion - Test	Students would be able to relate the concept of resources with their own time constraint. -Students would be able to implement Opportunity Cost and PPC concept with their own performance in subject. - Students would be able to analyze their own behavior while buying goods in the market. - Students would be able to analyze the role of other factors when they make changes in the demand. - Students would be able to differentiate the category of products.	- Friday Recapitulation - Practice Questions - Ask students to prepare the activity based on concept
MAY	Ch. 1 Introduction to Statistics Ch. 2 Collection of data	- Understanding the meaning of statistics - Understand the use of statistics in economics and daily life application - Know the types of data Methods of collection of data, census and sample method	- Lecture method - Use of multimedia - Discussion - Test	- Students would be able to relate the statistics to their daily life. - Students would be able to relate the methods of collecting data in news paper .	- Friday Recapitulation - Practice Questions - Ask students to prepare the activity based on concept
JULY	Ch. 4 Organization of data	- Know about the organizations	- Lecture method - Use of multimedia - Discussion	- Students can make best of these methods while	Friday Recapitulation Practice Questions

	Ch. 5 Presentation of data, Textual & Tables	- Understand the need of methods to frame policy or programmes - Know about the types of series, class interval, midpoint etc - Know how to make table & its contents - Know how to present data in different forms like bar & pie diagrams, line diagrams etc. - **PERIODIC TEST -1**	- Test	preparing their economics project	Ask students to prepare the activity based on concept
AUGUST	Ch. 8 Measures of central Tendency	- Know the different methods to find out the mathematical & positional averages	- Lecture method - Use of multimedia - Discussion - Test	- Students can best use of central tendency in project work as well as to evaluate their average performance in the class.	
SEPTEMBER	Unit 3 Producer Behaviour	- Understand the theory of Production - Understand the different stages of production - Understand the terms used for cost & revenue **MID TERM EXAMINATION**	- Lecture method - Use of multimedia - Discussion - Test	- Students would be able to understand the mechanism of production unit or any business. - Students can easily identify the types of cost in their day to day life.	- Friday Recapitulation - Practice Questions - Ask students to prepare the activity based on concept
OCTOBER	Unit 3 : Supply Ch.9 Measures of dispersion	- Know about the concept of supply and elasticity of supply - Know how to find out the difference between mean value & value given in series.	- Lecture method - Use of multimedia - Discussion - Test	- Students would be able to understand the concept of supply and its change due to other factors. - Students would be able to know why sellers are charging higher price for the product. - Students would be to calculate the variations in result and the real data.	- Friday Recapitulation - Practice Questions - Ask students to prepare the activity based on concept
NOVEMBER	Ch. 10 Correlation	- To understand the relationship between the two variables	- Lecture method - Use of multimedia - Discussion - Test	- Students would be able to analyze the strength of relationship between economic variables.	- Friday Recapitulation - Practice Questions

	Unit 4 Forms of Market and Price Determination under Perfect Competition with simple applications	- Understand the forms of market and their features - Understand the price determination and its chain reaction		- Students can make best use of concept in project. - Students would be able to identify the markets in real life and can see the features in it.	- Ask students to prepare the activity based on concept -

DECEMBER	Ch Index Number	- Know the concept of general price level - Helps to understand the concept of inflation - Know the different consumer index number **PERIODIC TEST -II**	- Lecture method - Use of multimedia - Discussion - Test	- Students would be able to use the concept in their project work . - Students would be able to understand the concept of inflation and its reason. - Students would be able to analyze the role of government in controlling these economic instability.	- Friday Recapitulation - Practice Questions - Ask students to prepare the activity based on concept -
JANUARY	REVISION FOR FINAL EXAMINATION				
FEBRUARY	FINAL EXAMINATION				

BGS INTERNATIONAL PUBLIC-SCHOOL

SECTOR 5, DWARKA, NEW DELHI

CURRICULUM

SUBJECT : Mathematics (041) **SESSION: 2025-26**

TEXTBOOK: NCERT **Class: XI**

TEACHER'S NAME: Sunita Pandey

MONTH	CONTENT	OBJECTIVES	METHODOLOGY	EXPECTED LEARNING OUTCOMES	SUGGESTED ACTIVITIES
APRIL	**CHAPTER 1** **SETS** **CHAPTER 2** **RELATIONSAND FUNCTIONS** .	To learn definition, Types of sets, formulae of sets. Venn-Diagrams, problems of sets using algebra of sets and formulas. To learn definition, algebraic properties of complex numbers, Argand plane and polar representation, square root of a complex number, solution of quadratic equation	Discussion Explanation Discussion Problem-solving Demonstration Explanation	Develops the idea of Set from the earlier learnt concepts in number system, geometry etc. Identifies relations between different sets and applies the concept of a function.	To find the number of subsets of a given set and verify that if a set has n number of elements, then the total number of subsets is 2^n. To represent set theoretic operations using Venn diagrams. To verify that for two sets A and B, n (A×B) = pq and the total number of relations from A to B is 2^{pq}, where n(A) = p and n(B) = q.

MAY	**CHAPTER 4** **COMPLEX NUMBERS AND QUADRATIC EQUATIONS -**	Introduction of complex numbers and their algebra. Modulus and the conjugate of a complex number Argand Plane and polar representation.	Discussion Explanation Demonstration Problem- solving	Extends the idea of real numbers to a larger system of complex numbers.	To interpret geometrically the meaning of $i = \sqrt{-1}$ and its integral powers.

JUNE-JULY	**CHAPTER 3** **TRIGONOMETRIC FUNCTIONS** **CHAPTER 5** **LINEAR INEQUALITIES**	To understand positive and negative angles, conversion of angles: degrees to radians and vice-versa, signs of trigonometric ratios, addition theorem for Sin(x±y),Cos (x±y),tan (x ± y), allied angle formulas, multiple and sub-multiple angle formulas, factorization and de- factorization theorem, general solutions. Algebraic solutions of in-equations in one and two variables and representing on number line, system of in-equations and graphical representation.	Discussion Problem-solving Drilling Explanation Discussion Explanation	Relates earlier learnt concept of trigonometric ratios to functions and evolves the idea of trigonometric functions. Determine the sign of trigonometric functions based on the quadrant of the angle. Demonstrates strategies for solving systems of linear inequalities. Graphical representation of solutions of Linear Inequalities in one variable.	To find the values of sine and cosine functions in second, third and fourth quadrants using their given values in first quadrant. To verify that the graph of a given inequality, say 5x + 4y – 40 < 0, of the form ax + by + c < 0, a, b > 0, c < 0 represents only one of the two half planes.
	PERIODIC TEST-1	.			
AUGUST	**CHAPTER-6 PERMUTATIONS AND COMBINATIONS**	Applies the ideas of permutations and combinations to daily life situations of arranging and grouping the objects.	Explanation Discussion Problem-solving Multimedia	Applies the ideas of permutations and combinations to daily life situations of arranging and s	

	CHAPTER- 7 **BINOMIAL THEOREM**	Students should be able to define and calculate binomial coefficients using the formula nC_r = n! /[r! (n-r)!] and recognize their relationship to Pascal's Triangle.	Explanation Drilling method	Develops the idea of the Binomial theorem for a positive integral index from the earlier learnt concepts of finding squares and cubes of binomials. electing the objects.	To obtain formula for the sum of squares of first n-natural number
AUGUST-SEPTEMBER	**CHAPTER- 8** **SEQUENCES AND SERIES** **Revision & Mid-Term Exams**	Understanding the concept of a sequence, identifying different types of sequences (particularly arithmetic progression (AP) and geometric progression (GP)), calculating the nth term of a sequence, recognizing the relationship between arithmetic mean (AM) and geometric mean (GM), and applying these concepts to solve real-world problems.	Demonstration Explanation Class tests, quizzes & worksheet discussion.	Extends the ideas related to Arithmetic progressions and Geometric progression. Relationship between A.M. and G. M.	To demonstrate that the Arithmetic mean of two different positive numbers is always greater than the Geometric mean
OCTOBER	**CHAPTER 9** **STRAIGHT LINES** **CHAPTER 10** **CONIC SECTIONS**	To learn concept of slope, various forms of straight lines, equation of straight lines, general form of a straight line, angle between the lines, and perpendicular distance of a line. Concept of conics through focus – directrix property, definition of conics, standard forms of circle, parabola, ellipse, hyperbola and their formula.	Demonstration Problem-solving Multimedia Discussion Problem-solving Brain-storming	Constructs different forms of a straight line using the earlier learnt concepts of coordinate geometry. Various forms of the equation of a line. Distance between a point and a line. Analyses different curves like circles, ellipses, parabolas, and hyperbolas based on the ideas developed for straight lines using coordinates.	An alternative method of constructing a parabola.

NOVEMBER	**CHAPTER-12** **LIMITS & DERIVATIVES** **CHAPTER-13 STATISTICS**	To understand the concept of limits, how to calculate them using various techniques, grasp the idea of a derivative as the instantaneous rate of change of a function, learn basic differentiation rules, and apply these concepts to solve problems related to real-world scenarios, Understanding the basic concepts of data collection, organization, and presentation, calculating measures of central tendency (mean, median, mode), measures of dispersion (range, variance, standard deviation), interpreting data. Apply statistical concepts to solve real-world problems from various fields.	Discussion Explanation Demonstration Problem-solving Discussion Explanation Demonstration Problem-solving	Evolves the concepts of limit and derivative of a function by analyzing the behaviour of functions when the corresponding variable approaches a certain value. Applies Measures of dispersion to get a better interpretation of data of different daily life situations.	To find analytically $\lim_{x\to c} f(x) = \frac{x^2-c^2}{x-c}$ Verification of the geometrical significance of derivative.
DECEMBER	**CHAPTER- 11** **INTRODUCTIO N TO THREE DIMENSIONAL GEOMETRY** **CHAPTER- 14** **PROBABILITY**	Understanding the concept of a three-dimensional Cartesian coordinate system with x, y, and z axes, representing points in space using coordinates, calculating distances between points in 3D space. While applying these concepts to solve geometrical problems in three dimensions. Understanding and calculating the probability of simple and compound events, distinguishing between different types of events (like	Discussion Explanation Demonstration Problem-solving Discussion Explanation Demonstration Problem-solving	Develops strategies of locating a point in three dimensions based on the concepts of two dimensional coordinate geometry. Builds up the axiomatic approach to Probability through the terms, random experiment, Sample space, events etc.	To write the sample space, when a coin is tossed once, two times, three times, four times.

		mutually exclusive, independent, complementary), applying probability rules to solve real-life problems, and interpreting probability values in the context of uncertainty, all while utilizing basic set theory.			
	PERIODIC TEST-2				
JANUARY-FEBRUARY	**REVISION AND PRACTICE FOR FINAL TERM EXAMINATION**		Practice of worksheets and Class tests.		
FEBRUARY-MARCH	**FINAL EXAMINATION**				

SUBJECT TEACHER

BGS INTERNATIONAL PUBLIC SCHOOL
SECTOR 5, DWARKA, NEW DELHI

CURRICULUM XI

SUBJECT : Accountancy (055) **SESSION: 2025-2026**

TEXT BOOK : NCERT

TEACHERS NAME: Manoj Kumar

MONTH	CONTENT	OBJECTIVES	METHODOLOGY	EXPECTED LEARNING OUTCOMES	ACTIVITIES
APRIL	1. Introduction to Accounting Meaning, objectives, limitations, process of accounting.	To gain knowledge of meaning, objectives, limitations of accounting To gain knowledge of Accounting Process	Theory and Discussion	After completing the topics students will be able to describe the meaning, objectives, limitations of accounting and accounting process	Assignments and text book
	2. To gain knowledge of meaning, objectives, limitations of accounting	To gain knowledge of different terms used in accounting	Theory and Discussion	Explain the various terms used in accounting and differentiate between different related terms	Assignments
MAY	3. To gain knowledge of meaning, objectives, limitations of accounting	To gain knowledge of drawing accounting equation	Theory and Discussion	Explain the concept of accounting equation and analyse their impact PT 1 EXAMINATION	Assignment and text book questions

JULY	**PERIODIC TEST 1** **Remaining part of Accounting Equation**	**To gain knowledge of drawing accounting equation**	**Practical and Discussion**	**Expain the concept of accounting equation and analyse their impact**	**Assignment**
	Theory base of Accounting	**To make them understand accounting assumptions and their relevance in accounting**	**Lecture and discussion method**	**Appreciate various accounting assumptions/ concepts and their importance in accounting Explain the meaning objectives of Accounting**	**Theory assignments**
AUGUST	**1 Basis of Accounting** **Cash and Accrual basis** **2 Vouchers** **Source documents, cash and non cash vouchers**	**To make them understand difference b/w cash and accrual basis of accounting**	**Lecture Method**	**After completing the topic students will be able to appreciate that on the basis of source documents, accounting vouchers are prepared for recording transactions**	**Assignments and work sheets**
		To make them understand different types of source	**Lecture Method**	**Develop understanding of calculating income on the cash basis and accrual basis of accounting**	**Assignments and Work sheets**
SEPTEMBER	**Rules of debit and credit** **Traditional and modern approach**	**To gain knowledge of classification of accounts as per traditional as well as modern approach**	**Problem solving**	**After completing the topics students will be able to develop understanding of classifying accounts as per traditional and modern**	**Assignment and recapitulation sheets alongwith text book questions**

				approach.	
	Journal and ledger	To learn how to pass journal entries of various business transactions with the help of rules of debit and credit	Practical and Discussion	Develop the understanding of recording of transactions in journal and skill of calculating GST and develop the understanding and skill of ledger posting	Assignment and recapitulation tests
SEPTEMBER	MID TERM EXAMINATION				
OCTOBER	Special purpose books-I Simple cash book and two column cash book	To gain knowledge of maintaining format of different types of cash books and the method of recording cash transactions in cash book	Practical and discussion	After completing the topic students will be able to acquire knowledge of preparing different types of cash books	Assignments and recapitulation tests
	Special purpose books – II Other books such as Purchas/ Sales / Purchase return/ Sales return	To develop understanding of preparing Purchase / Sales/ Purchase return/ Sales return book	Chalk and talk	Describe the method of recording transactions other than cash transactions as per their nature in different subsidiary books	Theory assignments and recapitulation tests alongwith text book question
OCTOBER	Bank Reconciliation Statement Need and methods of preparing Bank Reconciliation Statement	To acquire knowledge of reconcile the bank balance as shown by cash and Pass book	Practical and discussion	After completing the topic students will develop understanding of preparing Bank Reconciliation Statement	Assignments and recapitulation tests.
	Trial Balance Objectives	To develop	Chalk and talk	After completing the	Text book questions

	and preparation	knowledge of preparing trial balance as per balance method		topic students will be able to draw trial balance with the help of ledger balances and correct the wrong trial balance	alongwith recapitulation tests
	Depreciation Features, causes, methods SLM and WDV	To develop understanding of using different methods for computing depreciation	Practical and discussion	Understand the accounting treatment of providing depreciation directly to the concerned asset account or by creating provision for depreciation account	Assignments and recapitulation tests
NOVEMBER	1 Provisions and Reserves Types of reserve capital and revenue	To develop knowledge of need of creating reserves and also for making reserves		After completing the topic students will be able to appreciate need to create reserve and making of provisions for future	Theory assignments
	2 Rectification of Errors	To gain knowledge of rectification of two sided and one sided errors		To learn how to pass journal entries to rectify two sided and one sided errors	Assignments and recapitulation tests alongwith text book questions Assignment and text book questions
DECEMBER	1 Final accounts of sole proprietor without adj Trading and Profit and loss Account, Balance sheet	To develop Understanding of how to prepare Trading A/C, Profit	Chalk and talk	After completing the topic students will be able to draw Trading & Profit and	Assignments and recapitulation sheets

		and loss A/C and Balance Sheet of a business		**loss account and Balance sheet as per order of permanence and order of liquidity**	
	2 Final Accounts with adjustments Outstanding / prepaid expenses, accrued advance income, depreciation abnormal loss, bad debts provision for d/d	**To develop knowledge of making adjustments like outstanding / prepaid expenses, accrued/ advance income abnormal losses etc.**	**Practical and discussion**	**Develop skill to do adjustment for items and their presentation in financial statement like depreciation, provision and abnormal loss etc.**	**Assignments and text book questions**
		PERIODIC TEST 2		**PERIODIC TEST 3**	
JAN	**REVISION**				
Feb-MARCH	**Final Examination**				

SUBJECT TEACHER

BGS INTERNATIONAL PUBLIC SCHOOL
SECTOR 5, DWARKA, NEW DELHI -75
CURRICULUM

SUBJECT : BUSINESS STUDIES (054) **CLASS XI**

TEXT BOOK: NCERT **SESSION : 2025-26**

TEACHERS NAME: MS.SAKSHI VIRMANI

MONTH	CONTENT	OBJECTIVES	METHODOLOGY	EXPECTED LEARNING OUTCOMES	ACTIVITIES
APRIL	**Foundations of Business.** Ch: Nature & Purpose of Business • History of commerce in India: Indigenous Banking System, Rise of Intermediaries, Transport, Trading Communities Merchant Corporations , Major Trade Centers ,Major Imports and Exports, Position of Indian Sub-Continent in the World Economy. • Economic & Non economic Activities. • Concept & characteristics of Business. • Business, profession & employment: distinctive features. • Objectives of business. • Role of profit in business. • Business Risk. • Classification of Business Activities.	To make students understand the concept of business and various economic activities.	Discussion, lecture, Multimedia.	Students would be able to understand different types of economic activities and able to characterise distinct features of business.	Assignment.

MAY-JUNE	Ch : Forms of Business Organizations • Sole Proprietorship- meaning, features, merits & limitations. .	Student will be able to list the different forms of business organizations and understand their meaning.	Discussion, lecture, Multimedia	Students would be able to differentiate between different types of Business Organisations	Assignment.
JULY	• Formation of a Company • Promotion • Incorporation • Capital Subscription	Student will be able to list the stages in formation of company. **PT I EXAMINATION**	Discussion, lecture, Multimedia	Student will be able to list the stages in formation of company	Role Play
AUGUST	Ch: Forms of Business Organizations • Hindu Undivided Family Business features, merits and Limitations Cooperative Societies- features, merits& limitations. • Company: Private & public Company- features, merits & limitations. • Formation of a company- stages in Private Ltd and Public Ltd Ch: Public, Private & Global Enterprises • Private & Public Sector Enterprises. • Forms of public sector enterprises: features, merits & limitations of departmental undertakings, statutory corporations	Student will be able to develop an understanding of Public Sector and Private Sector Enterprises.	Question-Answer method, Discussion, lecture, Multimedia.	After going through this unit students would be able to know different forms of business organisations with their individual merits and demerits. Which form is suitable where n under which circumstances.	Case study.

	(Contd) • Government Company. • Changing role of public sector enterprises. Global Enterprises, Joint Ventures, Public Private Partnership –features				
	Ch: Business Services • Banking: types of bank accounts. • Banking Services. • e- Banking. • Insurance & principles. • Types of Insurance. • Postal & Telecom Services	To enable student to understand the meaning of banking and various other services required by business.	Question-Answer method, Discussion, lecture, Multimedia.	After going through this unit students will understand the role of Business services and how various services lead to smooth flow of business.	Assignments.
SEPTEMBER	Ch : Emerging Modes of Business • E-business- Scope& benefits, resources required for successful e-business implementation, online transactions , payment mechanism , security & safety of business transactions. • Outsourcing – concept , need &scope of BPO (Business process outsourcing) & KPO (Knowledge process outsourcing. Ch: Social Responsibility of Business & Business Ethics	Student will be able to state the meaning of e-business, its scope, appreciate its benefits and identify resources required for implementation	Question-Answer method, Discussion, lecture, Multimedia.	After going through this unit students will get knowledge about latest modes of Business with their pros and cons.	Assignments.

	• Concept of Social Responsibility. • Case for Social Responsibility. • Responsibility towards owners. Investors, consumers, employees. government &community. • Environment protection • Business ethics	Students will be able to examine the case for social responsibility and its requirement in real life too. **MID TERM EXAMINATION**			
OCTOBER	**Part - B: Finance & Trade.** Ch: <u>Sources of Business Finance</u> Concept of business finance. .Owner`s funds: equity shares , preference shares, GDR , ADR , IDR & retained earnings. .Borrowed funds – debentures & bonds, loans from financial institutions, loans from commercial banks , public deposits , trade credit , ICD . Ch: <u>Small Business</u> • Entrepreneurship Development Concept,Feature and Need. • Process Entrepreneurship Development :Start up Indian Scheme,Ways to fund start-up. Intellectual Rights and Entrepreneurship.	To make students understand the meaning ,nature and importance of business finance. Various kinds of sources and their detailed analysis also. Students will be able to understand the concept of small business	Question-Answer method, Discussion, lecture, Multimedia.	Students would be able to analyse different sources of finance available under various parameters.	Case study.

	• Small Scale Enterprises as defined by MSMED Act 2006.				
NOVEMBER	• Role of Small Business in India (with special reference to rural areas). • Government Schemes & Agencies for Small Scale Industries. Ch: <u>Internal Trade</u> • Internal Trade : Meaning & Services. • Services rendered by a wholesaler & a retailer. • GST(Goods and Services Tax):Concept and key features. • Types of retail trade – itinerant & small scale fixed shops. • Large Scale retailers- departmental stores, chain stores, mail order business. • Concept of automatic vending machine. Chambers of Commerce & industry : basic functions.	Students will be able to understand role and appreciate various government schemes and agencies for development of small scale industries. To make students appreciate the services of wholesalers and retailers.	Discussion, lecture, Multi media.	Students will get knowledge about small business and its role.	Assignment. Visit to any SSI.

	• Main Documents used in internal trade: Performa Invoice, invoice, debit note, credit note. LR (Lorry Receipt) • Terms of trade :COD , FOB , CIF E&OE				
DECEMBER	Ch: International Trade • Concept &Problems. • Scope • Export Procedure & Documentation. • Import Procedure & Documentation. • Role of World Trade Organizations	Student will be able to differentiate internal trade and international trade. To make students understand the various documents used in international trade. **PERIODIC TEST -II**	Discussion, lecture, Multi media.	After going through this unit student will learn the procedure required for export and import trade	Assignment.
JANUARY	**REVISION**				
FEBRUARY-MARCH	**FINAL EXAMINATION**				

SUBJECT TEACHER

BGS INTERNATIONAL PUBLIC SCHOOL
SECTOR 5, DWARKA ,NEW DELHI
CURRICULUM

SUBJECT : APPLIED MATHEMATICS (241) **SESSION: 2025-26**
TEXT BOOK : CBSE BOOK **CLASS: XI**
TEACHER NAME : Vashvinder Kaur

MONTH	CONTENT	OBJECTIVES	METHODOLOGY	EXPECTED LEARNING OUTCOMES	ACTIVITIES
April	**Unit – I** **Numbers, Quantification and Numerical Applications** (Indices, Logarithm and Antilogarithm, Laws and Properties of logarithms, Simple applications of logarithm and antilogarithm)	-● Express decimal numbers in binary system • Relate indices and logarithm /antilogarithm ● Find logarithm and antilogarithms of given number • Determine average for a given data	• Lecture method • Discussion method • Online ppt	-Students would be able to do conversion from decimal to binary system and vice - versa Students would able to solve problems on average, weighted average	➢ Assignments. ➢ Practice on Spread Sheet ➢ Recapitulation tests.

May	**Unit – I** **Numbers, Quantification and Numerical Applications (** Average, clock, Calender, Time , Work and Distance, Mensuration, Seating Arrangement)	• Calculate the angle formed between two hands of clock at given time • Determine Odd days in a month/ year/ century ● Compare the work done by the individual / group w.r.t. time ● Solve problems based on surface area and volume of 2D and 3D shapes ● Locate the position of a person in a seating arrangement ● Solve logical problems involving odd man out, syllogism, blood relation and coding decoding	• Lecture method • Inductive-deductive method. • Discussion method • Online ppt .	Number of rotations of minute hand / hour hand of a clock in a day ● Students would able to learn odd days in a year/ century.and day corresponding to a given date Students would able to do comparison between 2D and 3D shapes ● Make combination of solids and Transform one solid shape to another • Linear and circular seating arrangement ● Position of a person in a seating arrangement Students would able to do solve problems on odd man out , Syllogism ,Blood relations , Coding Decoding	➢ Assignments. ➢ Recapitulation tests.
JUNE	**Unit – III** **Mathematical Reasoning** **(**Logical reasoning)	• Song logical problems involving odd man out, syllogism, blood relation and coding decoding	• Inductive-deductive method. • Discussion method	Odd man out ●Syllogism ●Blood relations ●Coding Decoding	➢ Assignments. ➢ Recapitulation tests.

JULY	**Unit – IV** **(Calculus)** (Function, Domain and Range of a functions, Graphical representation of function, limits and continuity, rate of change, differentiation) **(PT – I)**	Define a function using dependent and independent variable Define domain, range and co-domain of a given function ● Define limit of a function ● Solve problems based on the algebra of limits ● Define continuity of a function ● Find the derivative of the functions		Students would able to do solve problems on Function as a rule or law that defines a relationship between one variable (the independent variable) and another variable (the dependent variable) a set of all values of dependent variable Graph of some polynomial functions, Logarithm function, Exponential Function, Modulus function, Greatest integer Students would able to do differentiation of algebraic functions Domain as a set of all values of independent variable	➢ Assignments. ➢ Recapitulation tests.
AUGUST	**Unit – II** Algebra(Sets, Relation, Sequence and Series, Permutation and Combinations) **Unit – V** **Probability** (Introduction, Random Experiment and Sample Space, Event, Conditional Probability, Total Probability, Bayes Theorem)	Define set as well-defined collection of objects • Find number of subsets of a given set • Find number of elements of a power set • Write Cartesian product of two sets. Solve application problems based on AP ● Find arithmetic mean (AM) of two positive numbers. Derive the $n\ th$ term and sum of n terms of a given GP	• Lecture method • Discussion method • Chalk-n-talk Method • Brain-Storming Method	Students would able to write elements of a set in Set Builder form and Roster Form and Convert a set given in Roster form into Set builder form and vice-versa Students would able to make venn diagrams as the pictorial representation of relationship between sets Students would able to solve the problems of AP, GP , AM and GM. ● Fundamental Principle of Addition	➢ Dice simulation activity on spread sheet ➢ Assignments. ➢ Recapitulation tests.

		● Solve problems based on applications of GP ● Apply the formula of combination to solve the related problems Define factorial of a number Appreciate the use of probability in daily life situations • Recognize and differentiate different types of events and find their probabilities Interpret mathematical information and identify situations when to apply total probability • Solve problems based on application of total probability State Bayes' theorem • Solve practical problems based on Bayes' Theorem		● Fundamental Principle of Multiplication Students would able to understand probability as quantitative measure of uncertainty and Use of probability in determining the insurance premium, weather forecasts etc. Types of Event: Impossible and sure event, Independent and dependent event, mutually exclusive and exhaustive event Students would able to solve problems on Total Probability, Conditional Probability and Bayes Theorem.	
SEPTEMBER	**Revision of Units : (I – V)** **Mid Term Exams**		• Lecture method • Discussion method • Inductive-Deductive method. • Online ppt.	Students would be able to understand the concept of generalization	➢ Assignments. ➢ Recapitulation tests. ➢ **Practice of finding Measure of Dispersion on Spread Sheet**

OCTOBER	**Unit – VII** **Financial Mathematics** (Interest and Interest Rates, Accumulation with simple and compound interest, Simple and compound interest rates with equivalency, Effective rate of interest, Present value, net present value and future value, Annuities, Calculating value of Regular Annuity, Simple applications of regular annuities (upto 3 period), Tax, calculation of tax, simple applications of tax calculation in Goods and service tax, Income Tax, Bills, tariff rates, fixed charge, surcharge, service charge, Calculation and interpretation of electricity bill, water supply bill and other supply bills)	Compare the difference between Nominal Interest Rate, Effective Rate and Real Interest Rate ● Calculate Simple Interest and Compound Interest ● Define with examples the concept of effective rate of interest •Compute net present value Apply net present value in capital budgeting decisions •Apply the concept of Annuity in real life situations •Differentiate between Direct and indirect tax •Define and explain GST •Calculate GST •Explain rules under State • Analyze the meaning and rules determining tariff rates Evaluate how to calculate units consumed under electricity bills/water bill	• Discussion method • Chalk-talk method. • Inductive method	Students would able to understand Impact of high interest rates and low interest rates on the business Students would able to find effective rate of interest, present value and Future Value. Students would able to solve problems on Annuity Students would able to find income Tax and utility bills.	➢ Assignments ➢ Recapitulation tests. ➢ **Practice of find Simple Interest and compound interest on spreadsheet.**

NOVEMBER	**Unit – VI** **Descriptive Statistics** (Data Interpretation, Measure of Dispersion, Skewness and Kurtosis, Percentile rank and Quartile rank, Correlation)	Differentiate between range, quartile deviation, mean deviation and standard deviation ● Calculate range, quartile deviation, mean deviation and standard deviation for ungrouped and grouped data set Define Skewness and Kurtosis using graphical representation of a data set ● Interpret Skewness and Kurtosis of a frequency distribution by plotting the graph ● Calculate coefficient of Skewness and interpret the results Define Percentile rank and Quartile rank ● Calculate and interpret Percentile and Quartile rank of scores in a given data set ● Calculate Product moment correlation for ungrouped and grouped data ● Calculate Karl Pearson's coefficient of correlation ● Calculate Spearman's rank correlation	• Lecture method • Discussion method • Inductive-Deductive method. • Online ppt • Chalk –n – talk Method.		➢ Assignments. ➢ Recapitulation tests.

DECEMBER	**REVISION FOR PT- II** **PT- II Exams**		**Brain storming session**		➢ **Rapid Revision Tests.**
JANUARY	UNIT – VIII COORDINATE GEOMETRY (Straight line, Circle, Parabola) **REVISION FOR FINAL TERM**	• Find the slope and equation of line in various form ● Find angle between the two lines ● Find the perpendicular from a given point on a line ● Find the distance between two parallel lines Define a circle ● Find different form of equations of a circle ● Solve problems based on applications of circle Define parabola and related terms ● Define eccentricity of a parabola ● Derive the equation of parabola	• Discussion method • Brainstorming session. **Brain storming session**	Students would be able to find mean deviation around mean and median ●Standard deviation and variance ●Visualization of graphical representation of data using Excel Spreadsheet or any other computer assisted tool Students would able to find centre and radius of circle Students would able to form equation of a circle in standard form, central form, diameter form and general form. ● Equation of a parabola in standard form: ● Focus, Directrix, Axis, Latus rectum, Eccentricity ● Application in parabolic reflector, beam supported by wires at the end of the support, girder of a railway bridge, etc.	**Rapid Revision Tests.**
FBRUARY-MARCH	**FINAL TERM EXAM**				

SUBJECT TEACHER

BGS INTERNATIONAL PUBLIC SCHOOL
SECTOR 5, DWARKA, NEW DELHI -75
CURRICULUM

SUBJECT: ENTREPRENEURSHIP (066) **CLASS XI**
TEXTBOOK: CBSE **SESSION: 2025-26**
TEACHER'S NAME: MS. SHWETA GARG

MONTH	CONTENT	OBJECTIVES	METHODOLOGY	EXPECTED LEARNING OUTCOMES	ACTIVITIES
APRIL	**Unit -1 <u>Entrepreneurship –What, Why and How</u>.** • Concept, Functions, Need &Importance. • Myths about Entrepreneurship. • Pros and cons of Entrepreneurship. • Process of Entrepreneurship. • Startup and its stages. • Entrepreneurship –The Indian Scenario	To make students understand the concept of entrepreneurship and appreciate their need in our economy.	Discussion, lecture, Multimedia.	Students will know about the evolution of an entrepreneur and their contribution for economy.	Examples from real life.
MAY	**Unit-2 <u>An Entrepreneur</u>** • Why be an entrepreneur? • Types of Entrepreneurs. • Competencies and Characteristics: Ethical Entrepreneurship. • Entrepreneurial Values, Attitudes and Motivation. • Mindset of an employee and an entrepreneur difference. • Intrapreneur: Importance in any organization.	To make students differentiate between various types of entrepreneurs and understand the values, attitudes and motivation required by them.	Question-Answer method, Discussion, Multimedia.	Students would be able to enlist various types of entrepreneurs on the basis of various competencies.	Case study.
JULY PERIODIC TEST I					
JUNE-JULY	**<u>Unit -3 Entrepreneurship Journey</u>** • Generation of Ideas. • Feasibility Study and Opportunity Assessment.	To make students identify the sources of business idea. To	Question-Answer method, Discussion, Multimedia.	Students would be able to assess various qualities	Quiz.

	• Business Plan • Role of networking in entrepreneurship. Execution of Business Plan.	enable students to know the role of networking in entrepreneurship.		required by entrepreneurs.	
AUGUST	**Unit -4 Entrepreneurship – as Innovation and Problem Solving.** • Entrepreneurs –as problem solvers. • Innovations and Entrepreneurial Ventures. • Role of Technology: E-commerce and social media. • Social Entrepreneurship – Concept and Importance.	Student will be able to understand the role of entrepreneurs as problem solvers.	Question-Answer method, Discussion, Multimedia.	Students would be able to analyse the barriers faced by an entrepreneur and ways to overcome too.	Assignments.
SEPTEMBER MID TERM EXAMINATION					
SEPTEMBER-OCTOBER	**Unit-5 Understanding the, Market** • Market –Traditional and E-commerce-Concept and Role. • Micro and Macro Environment • Marketing Mix: Concept and Elements. • Pricing and Factors affecting pricing. • Market Survey: Concept, Importance and Process.	To make students understand the concept of market and its evolution.	Question-Answer method, Discussion, Multimedia.	Students would be able to understand 4P's and their elements.	Assignment.
NOVEMBER	**Unit -6: Business Arithmetic** • Unit of Sale, Unit Price and Unit Cost for single product or service. • Types of Costs –Start up, Variable and Fixed. • Income Statement. • Break Even Analysis	Students will be able to understand the concept Unit of Sale, Unit Price and Unit Cost. Calculating Break-even point	Question-Answer method, Discussion, Multimedia.	Students would be able to prepare a cost structure for their business plan.	Assignment.

DECEMBER	**Unit -7: Resource Mobilization** • Types of Resources –Human, Capital and other Resources. • Selection and utilization of human resources and professionals like Accountants, Lawyers, Auditors etc.	To enable student to identify the different types of resources required.	Question-Answer method, Discussion, Multimedia.	Students would be able to analyse the role of each and every resource required for business.	Assignment.
DECEMEBER	**PERIODIC TEST-II**				
JANUARY	**REVISION**				
FEBRUARY - MARCH	**FINAL EXAMINATION**				

PROJECT WORK:

TWO PROJECTS IN THE ENTIRE ACADEMIC SESSION

1. POWER POINT PRESENTATION ON MARKET

2. MARKET SURVEY

3. VIVA (INTERNAL)

4. WRITTEN TEST

BGS INTERNATIONAL PUBLIC SCHOOL

SECTOR 5, DWARKA ,NEW DELHI

CURRICULUM

SUBJECT : INFORMATICS PRACTICES **CLASS : XI**
TEXT BOOK : NCERT **SESSION : 2025-26**
TEACHERS NAME: Ms. ANUPAMA SRIVASTAVA

MONTH	CONTENT	OBJECTIVES	METHODOLOGY	EXPECTED LEARNING OUTCOMES	ACTIVITIES
APRIL	**Introduction To Python** • Basics of Python programming • Data types and operators • structure of a program, comments, input and output statements	Familiarization with the Basics of Python programmimg	Discussion and Practical	Students will be able to learn and apply reasoning and logic in the programmimg	❖ **Practical questions on database.** ❖ **Recapitulation test** ❖ **Assignments**
MAY - JUNE	**Introduction To Python** • Conditional statements if-elif statements. • Notion of iterative computation and control flow: FOR Loop	• To implement Conditional and Iteration statements in Python using if-else ,nested if-elif statements. • Students will learn the about the concept of Flow of control statements using FOR loop in the programs.	Discussion and Practical	Students will be able to learn and apply reasoning and logic in the programmimg. They will implement conditional and iterative statements and nested if-else statements and looping constructs.	❖ **Practical questions** ❖ **Recapitulation test** ❖ **Assignments**
JULY	• Notion of iterative computation and control flow: FOR Loop • WHILE LOOP	• Students will learn the about the concept of Flow of control statements using FOR and WHILE loop in the programs.	Discussion and Practical	They will implement conditional and iterative statements and nested if-else statements and looping constructs	❖ **Practical questions** ❖ **Recapitulation test** ❖ **Assignments**

		JULY PERIODIC TEST - I			
AUGUST	**Introduction To Python Programming** • Lists and Dictionaries.	To understand the concepts of Lists, and Dictionaries and the notion of accessing elements in a collection using numbers and names.	Discussion and Practical	Students will be able to apply logical concepts to solve. Learn how to reason with variables, state transitions, conditions and iterations.	❖ **Practical questions** ❖ **Recapitulation test** ❖ **Assignments**
SEPTEMBER	**Data Management** • Relational databases: Idea of a database and the need for it, relations, keys, primary key, Candidate , Alternate & Foreign key concepts. • DDL and DML commands of SQL: to create a table, insert/delete/Update an entry, delete a table.	• To know about the fundamental concepts of database and SQL commands. • Students would learn about how to create, populate and query database using MySQL.	Discussion and Practical	Students will apply their knowledge of SQL commands to create database, insert values in the table, delete , update and select the records from the database.	❖ **Practical questions** ❖ **Recapitulation test** ❖ **Assignments**
		MID TERM EXAM			
OCTOBER	DDL and DML commands of SQL: to create a table, insert/delete/Update an entry, delete a table.	Students would learn about how to create, populate and query database using MySQL	Discussion and Practical	Students will apply their knowledge of SQL commands to create database, insert values in the table, delete , update and select the records from the database.	❖ **Practical questions** ❖ **Recapitulation test** **Assignments**
NOVEMBER	**Introduction to the Emerging Trends** • Artificial Intelligence, Machine Learning, , Internet of Things (IoT), Cloud Computing and Cloud Services	Students will understand how machine learning provides system the ability to automatically learn and improve using AI.	Discussion and Practical	Students would be able to understand, explore and make good use of the emerging trends like AI ,cloud storage and its services	❖ **Practical questions** ❖ **Recapitulation test** ❖ **Assignments**

DECEMBER	**Introduction To Computer System** • Basic concept of Data representation • Types of software	Students will learn the Binary, ASCII, Unicode Operating System as a resource manager.Students will be able to understand Application software, System software and Utility software.	Discussion	Students will develop a basic understanding of computer systems And concept of Number system and Character set . And various types of software and its usage.	❖ **Practical questions** ❖ **Recapitulation test** ❖ **Assignments**
		PERIODIC TEST -II			
JANUARY	**REVISION**				
FEBRUARY-MARCH	**FINAL TERM**				

SUBJECT TEACHER

BGS INTERNATIONAL PUBLIC SCHOOL

SECTOR 5, DWARKA ,NEW DELHI

CURRICULUM

SUBJECT : Political Science **SESSION: 2025-26**

TEXT BOOK: Constitution At Work and Political Theory **Class-XI**

TEACHERS NAME: Shampa Ghosh

MONTH	CONTENT	OBJECTIVES	METHODOLOGY	EXPECTED LEARNING OUTCOMES	ACTIVITIES
April	**Chapter-1 ,2,9,10** Constitution: Why and How?& philosophy of the constitution. Rights in the Indian constitution. Constitution As a Living document	To make the students aware of the making of the Constitution, the constituent Assembly, Procedural achievements and Philosophy of the Constitution. To create an awareness about the importance of Rights, Fundamental Rights in the Indian Constitution, Directive Principles of State Policy, Relationship between Fundamental Rights and Directive Principles Are Constitutions static? The procedure to amend the Constitution. Why have there been so many amendments? Basic Structure and Evolution	Discussion method with notes on the sub topics. Class assignments . Discussion method with notes on the sub topics. Class assignments	It is expected that the students to learn in detail about the objectives of the constitution and the principals to be associated with it. To create an awareness about the importance of Rights, Fundamental Rights in the Indian Constitution, Directive Principles of State Policy, Relationship between Fundamental To understand the value of a constitution in any independent country, discussion on its dynamic character	Assignments and debate over the articles if the constitution. Enactment of various rights in the class in the form of mock drill to make all the students aware of our fundamental rights. Class assignment and group discussions

		of the Constitution. Constitution as a Living Document.			
May/June	**Chapter-3** Election And Representation	Elections and Democracy, Election System in India, Reservation of Constituencies, Free and Fair Elections, Electoral Reforms	Discussion method with notes on the sub topics.	Making the students aware about the systems of representative democracy through the study of various election procedures followed in a democratic country.	To prepare the students for mock election so as to make them learn about the various procedures involved in the process
June	**Chapter-4** Legislature	Why do we need a Parliament? Two Houses of Parliament. Functions and Power of the Parliament, Legislative functions, control over Executive. Parliamentary committees. Self-regulation.	Usage of multimedia, class activity and class assignment, discussion method.	Importance of the two Houses of Parliament. Functions and Power of the Parliament, Legislative functions, control over Executive. Parliamentary committees. Self-regulation.	Debates and group discussion on the topics , newspaper clips collection.
JULY	**PERIODIC TEST -1**				
August	**Chapter-8** An Introduction to political theory	What is politics?, Meaning and scope of political theory, Relation between theory and practice,	. Discussion method with notes on the sub topics and class assignments	To enable the students to understand the necessity of political theory and the ways of its application	Assignments and debate over the articles if the constitution

		Utility and Significance of the study of Political theory.			
August	**Chapter-12** Rights	What are Rights? Where do Rights come from? Legal Rights and the State. Kinds of Rights. Rights and Responsibilities	Usage of multimedia, class activity and class assignment, discussion method.	Help the students to know the basic concept of rights and its implementation.	Debates and group discussion on the topics, newspaper clips collection.
August	**Chapter-13** **Citizenship**	a) Introduction b) Full and equal membership c) Equal Rights d) Citizen and Nation e) Universal Citizenship f) Global Citizenship	Debates associated with citizenship Relationship between the citizen and the nation; and different criteria of citizenship adopted by various countries. Issues about refugees or illegal migrants Concept of Global Citizenship	Discussion: Norms of granting citizenship put forth by different countries Debate: Should India grant dual citizenship? Interpretation of newspaper articles	Explain the meaning of citizenship. Contribute to• meaningful discussion on ways of granting citizenship. Discuss the probable• solutions or alternatives to solve citizenship issue. Analyze the problems• to be surmounted to strengthen links between the peop
AUGUST	**Chapter-10** Equality	Significance of Equality. What is Equality? Various dimensions of Equality. How can we promote equality.	. Usage of multimedia, class activity and class assignment, discussion method.	To create an awareness about the concept of equality in a democratic country and its implication in the everyday life of a citizen.	Mock drill activities and assignments.
SEPTEMBER	**MID TERM EXAMINATION**				
October	**Chapter-5** Executive	To create an awareness among the students about the importance of the executive branch of the government.	Class assignments, using multimedia.	The students became familiarise About the working of political and permanent executive in a democratic country .	To draw a flow chart identifying the names of different presidents and prime ministers of India.

October	**Chapter-6** Judiciary	Why do we need an Independent Judiciary? Structure of the Judiciary, Judicial Activism, Judiciary and Rights, Judiciary and Parliament	Discussion method with notes on the sub topics.	To familiarise the students once more with the organs of a democratic government, to help them to get an idea about the workings of the most important judiciary organs of the country	To prepare the students for mock drill so as to make them learn about the various procedures involved in the process
October	**Chapter-7** **Federalism**	Federalism a) What is Federalism? b) Federalism in the Indian Constitution Division of Powers • c) Federalism with a strong central government d) Conflicts in India's federal system Centre-State Relations• Demands for Autonomy• Role of Governors and• President's Rule Demands for New States• Interstate Conflicts• e) Special provisions Jammu and Kashmir•	Familiarize the students with the: Key ideas & basic concepts of federalism. Provisions of the Indian Constitution regarding federalism. Need to have a strong Central government in India owing to its diversity and size. Issues involving relations between Centre and States	Cartoon interpretation Textual reading Group Discussion/Debate: Prevailing issues in Centre-state relations. Map activity	After completion of the chapter Students will be able to: Explain the basic• features of a federation. Identify the different• levels of the government &subjects on which the union and state governments can make laws. Discuss the various• constitutional provisions that led to a strong Centre in India

November	**Chapter-9** **Freedom**	Liberty Vs Freedom The Ideal of Freedom. What is Freedom? Why do we need constraints? Harm principle. Negative and Positive Liberty	Discussion method with notes on the sub topics. Class assignments, using multimedia.	To familiarise the students about the concept of Freedom ,its relation with liberty, John Stuart Mill's Theory of Harm Principle, Freedom of speech and expression	Debate and discussion on the chapter	
November	**Chapter-8** Local government	Why do we need Local Governments? Growth of Local Government in India, 73rd and 74th Amendments, implementation of 73rd and 74th Amendments	Discussion method with notes on the sub topics	To familiarise the students once more with the organs of a democratic government, to help them to get an idea about the workings of the most important executives of the country.	Mcq activities usingthe multimedia ,debate and group discussion incliding class assignment.	
December	**PERIODIC TEST -2**					
December	**Chapter-11** **Social Justice**	What is justice ?Different dimensions of justice. Distributive Justice	Discussion method with notes on the sub topics.	To enlighten the students about the concept of distributive justice John Rawl 's theory of justice and different dimensions of justice that we find in the world	Debate and discussion on the chapter	cu
January	Chapter-7 Nationalism	a)Introducing Nationslism. b) Nations and Nationalism Shared Beliefs History Shared National Identity c) National self-	Distinction between state, nation, and nationalism Concept of National self determination Difference between Nationalism and Pluralism Emergence and phases of	Recapitulation of definitions. Group interaction: The factors that help in creating the sense of collective identity Textual explanation Debate: Can identity claims lead to social divisions or will it strengthen and recognize multiple identities	Understand the concepts of nation and nationalism Assess the strengths and limitations of nationalism. Identify and build and understanding on the factors related to creation of collective	

		determination d) Nationalism and Pluralism	nationalism		identities Examine the concept of national selfdetermination Acknowledge the need to make nations more democratic and inclusive.
January	Chapter-8 Secularism	a) What is Secularism? ● Inter-religious Domination ● Intra-religious Domination b) Secular State c) The western model of secularism d) The Indian model of secularism e) Criticisms of Indian secularism ● Western Import ● Minoritism ● Interventionist ● Vote Bank Politics	Meaning of Secularism • Inter-religious and IntraReligious Domination. • Characteristics of a Secular State Western and Indian Model of Secularism. Limitations of Indian • Secularism	Discussion and Debate: On Indian Secularism Inquiry based learning Comparative Study: The Western model and the Indian model of secularism	After completion of the chapter, student will be able to: Define Secularism. • Differentiate between• Inter-religious and Intra-Religious Domination. Recognize the concept of a Secular State. Compare Western and• Indian Model of Secularism. Make an appraisal of• Indian Secularism.
COMPLETION OF THE ENTIRE SYLLABUS					
January	REVISION				
February-March	FINAL EXAMINATION				

BGS INTERNATIONAL PUBLIC SCHOOL
SECTOR - 5, DWARKA, NEW DELHI-75
CURRICULUM

SUBJECT: Sociology **SESSION: 2025-26**
CLASS XI **TEACHER'S NAME: Dr. Reena Samal**
TEXTBOOK: Book 1 Introducing Sociology, Book 2 Understanding Society

MONTH	CONTENT	OBJECTIVES	METHODOLOGY	EXPECTED LEARNING OUTCOME	ACTIVITIES
APRIL	**BOOK I Ch 1 – Sociology and Society** Unravelling myths about humanities at large, Sociological Imagination, Pluralities and Inequalities in Society, Biography of sociology in Europe and India, Relationship of sociology with other disciplines.	To familiarise students with sociological perspective,To help them understand how sociology as body of knowledge is distinguishable from common sense knowledge about society.	Discussion, lecture, notes, assignments, role plays in class on specific issues	Students would become familiar with sociological concepts and differentiate it from common sense knowledge.	Assignment, worksheet, Recap test
MAY	**BOOK I Ch 2** Social groups in society, social stratification with specific reference to caste, class, status and role.	To understand the concepts used in sociology and various social institutions	Discussion, lecture, notes, assignments, and case studies.	Students would be able to understand various terms and concepts used in sociology.	Worksheets, Group Presentations
JULY Revision and PERIODIC TEST I					

AUGUST	**BOOK I Ch. 3-** Understanding social institutions like family, marriage, and religion; work and economic life in relation to division of labour; concept of State. **Book 1 Ch 4,5-** Culture and its dimensions: Cognitive, Normative and Material; Ethnocentrism; Cultural change; Socialisation and its agencies. Objectivity and subjectivity in sociology, Methods of research used in sociology- Field work, social surveys, participant observations and interviews	To develop sociological understandings of various social institutions To understand the concept of socialistion and to appreciate different aspects of culture. To familiarise students with emperical research; processs and tools of research	Discussion, lecture, notes, assignments, role plays in class on specific issues	Students would develop sociological understanding of various social institutions. Students would understand diverse aspects of culture and socialisation.	Assignment, worksheet, Recap test
SEP.	**Book 2 Ch 1-** Social sructure and stratification, Funcionalists and conflict perspective; conflict and cooperation	To unerstand different perspctives for studying social processes. To introduce the idea of cooperation and competition, both as idea and practise.	Discussion, lecture, notes, assignments, role plays in class on specific issues	Students would understand diverse perspectives for studying social processes of competition, cooperation and conflict in society.	Assignment, worksheet, Recap test
	MID TERM				
SEP	**Book 2 Ch 2-**Technology and Economy; Social order and social change in rural and urban areas; Domination, authority and law	To help students to look at continuity and changes in rural and urban society	Discussion, lecture, notes, assignments, role plays in class on specific issues	Students would be able to state and appreciate the continuity and changes in rural and urban society.	Assignment, worksheet, Recap test

OCT	**Book 2 Ch 3-** Major environmental problems and risks; environmental problems are also social problems	To understand the fundamental relationship between environment and society in order to draw a sociological understanding of our environment	Discussion, lecture, notes, assignments, role plays in class on specific issues	Students would be able to understand the complexities of relationship between environment and society.	Assignment, worksheet, Recap test
NOV	**Book 2 Ch 4-** The context of sociology: Enlightenment, French revolution and Industrial revolution. Introduction to three significant western thinkers- Marx, Durkheim and Weber and their vision of sociology	To help them appreciate and understand the contributions of western sociologists	Discussion, lecture, notes, assignments, and case studies	Students would be able to understand and appreciate the contributions of western sociologists.	Assignment, worksheet, Recap test
DEC	**Book 2 Ch 5**- G.S Ghurye's ideas on race and caste, DP Mukherji's ideas on tradition and change, AR Desai's ideas on State, M.N Srinivas on Village	To introduce students to founding fathers of Indian Sociology and to appreciate how these scholars have helped to shape the discipline	Discussion, lecture, notes, assignments, and case studies	Students would be able to understand and appreciate the contributions and works of Indian sociologists.	Assignment, worksheet, Recap test
PT II EXAMINATION					
JAN	**Revision+ Practical Files completion**				
FEB-MARCH	**Revision and FINAL EXAMINATION**				

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GENERAL STUDIES SYLLABUS

CLASS XI (2025-26)

References: Competitive Success Reviews, Study Material from Pratham, Career Launcher and FIIT JEE

S.No.	DURATION	CONTENT	ASSESSMENT CRITERIA
1.	**April- July**	**General Mathematical Ability-** **A. VERBAL SECTION:** Coding- decoding, Directions, Family tree, Clock and calendar, Case based Analytical Reasoning. **B. NON VERBAL SECTION:** Symbols, Number writing and sequencing, mirror images, Figure Matrix. **C. QUANTITATIVE SECTION/ MATHEMATICAL REASONING (BASICS):** Time, speed and work, Percentage, Ratio and proportion, Time and work, Simple interest, profit and loss, Number systems and averages, Data Interpretation.	-Class Participation -Attendance -Notebook Maintenance -Quizziz score -Pen paper Test (Pre/Post PT I) -Discipline
2.	**August- September**	**Basic Social Sciences-** **A. ABOUT OUR INDIA:** Ancient and Medieval History, Modern History (Features and facts) **B. BASICS OF GEOGRAPHY:** World and Indian	-Class Participation -Attendance -Notebook Maintenance -Quizziz score

		Geography, Physical and general geography (Features and facts) **C. POLITY:** Indian Politics, Constitution and its Preamble, World politics. **D. BUSINESS AWARENESS AND BASIC ECONOMICS:** Regional differences in production and consumption of goods (National and International statistics), Business GK, Facts and figures, Awards and achievements.	-Pen paper Test (Pre/Post PT II) -Discipline
3.	**October- December**	**Language Usage** **A. INTERACTRIVE VOCABULARY:** Word Power, Vocabulary Building, Word Relations, Word usages **B. GRAMMAR RULES AND COMMON ERRORS:** Idioms, Phrasal Verbs, Articles, Nouns and pronouns, Overview of English Grammar. **C. READING COMPREHENSION:** Case study based passages followed by Reference to context type questions. **D. MISCELLANEOUS TOPICS:** Analogies, Fill in the blanks, Jumbled sentences,	-Language skills -Verbal Expression -Listening and comprehension - Attendance -Quizziz - Pen Paper Test (Pre/Post PT III)
4.	**Jan- March**	**Miscellaneous GK** **A. GENERAL AWARENESS-** Social issues, Contemporary debates **B. CURRENT AFFAIRS-** Newspaper and updates **C. LOGICAL REASONING-** Analogies **D. ANALYTICAL ABILITY-** Case studies, Documentaries discussion	**-**Daily News updates -Knowledge of current affairs -Quizziz -Pen Paper Test (Before final exam) -Overall discipline -Attendance

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CURRICULUM (2025-2026)

Teacher Incharge:Rajiv Dahiya

CLASS: XI SUBJECT- Badminton

MONTH	OBJECTIVES	METHODOLOGY	EXPECTED LEARNING OUTCOMES
APRIL	Introduction to badminton, understanding rules and court dimensions.	Classroom theory sessions and practical court visit. Demonstrate court markings, explain rules, and conduct quizzes.	Demonstrate court markings, explain rules, and conduct quizzes.
MAY	Basic grip techniques and footwork drills.	Demonstrate different grips and footwork movements.	Shadow practice, ladder drills, cone drills.
JULY	Basic strokes - Forehand and Backhand. Serve techniques - High Serve, Low Serve, and Flick Serve.	Step-by-step stroke practice using shuttle throws. Explanation and practical demonstrations.	Wall hitting, partner rallies, slow-motion stroke practice. Serve practice in pairs, accuracy challenges.
AUGUST	Return of Serve and basic game strategies.	Explain positioning and movement.	Return drills, practice mini matches.

SEPTEMBER	Smash and Net Play Techniques.	Demonstrate smash and net lifts.	Smash target practice, net rally competitions.
OCTOBER	Doubles and Singles Game Tactics.	Strategy sessions and practical application.	Simulated matches, strategy discussions.
NOVEMBER	Fitness and Agility Training.	Circuit training and strength-building exercises.	Agility ladder, shuttle run, endurance drills.
DECEMBER	Review and Evaluation	Conduct friendly matches and assess skills.	Organize mini tournaments and provide feedback.
JANUARY	Advanced Techniques – Dropshots and Drives.	Explain placement strategies and court control.	Target-based drop shot practice, defensive drive drills.
FEBRUARY	Match Play and Tactical Understanding.	Match analysis and situational play practice.	Encourage students to analyze professional matches.

March	Exam Time	Exam Time	Exam Time

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CURRICULUM (SESSION: 2025-26)

CLASSES:XI

SPORT: BASKETBALL **TEACHER NAME: NARENDER SINGH**

S.No.	MONTH	OBJECTIVES	METHODOLOGY	ACTIVITIES
1	April	○ To demonstrate an understanding of basic basketball rules such as scoring, fouls.	○ Demonstration ○ Explanation ○ Imitation ○ Repetition	○ Introduction of game ○ Warm up exercise ○ Ball holding ○ Dribbling
2	May	○ To apply basic fundamental moment skills like running and jumping.	○ Demonstration ○ Explanation ○ Imitation ○ Repetition	○ Jogging ○ Warm up exercise ○ Dribbling ○ Passing
3	July	○ To develop hand-eye coordination by dribbling, passing and shooting the ball.	○ Demonstration ○ Explanation ○ Imitation ○ Repetition	○ Warm up exercise ○ Dribbling

				O Specific exercise O Lay-Up Shot
4	**August**	**O To practice dribbling and ballhandling techniques such as stationary dribbling and moving while dribbling.**	**O Demonstration O Explanation O Imitation O Repetition**	**O Warm up exercise O Specific exercise O Cross dribbling O Passing-two men pass O Lay-Up shot**
5	**September**	**MID-TERM EXAM**		
6	**October**	**O To learn proper shooting techniques and practice scoring from different spots on the court.**	**O Demonstration O Explanation O Imitation O Repetition**	**O Warm up exercise O Lay-up shot with dribble O Specific exercise O Defence (One Vs One)**
7	**November**	**O To handle both winning and losing. O To use experience of playing as opportunities for growth and improvement.**	**O Demonstration O Explanation O Imitation O Repetition**	**O Warm up exercise O Specific exercise O Defence (Men to Men) O Improve defence skill O Practice matches**

8	**December**	**To develop confidence and selfesteem through participation in matches.**	**Demonstration** **Explanation** **Imitation** **Repetition**	**Specific exercise** **Matches** **Offence skills**
9	**January**	**To learn to respect the opponents, team mates and officials and to play fairly and safely.**	**Demonstration** **Explanation** **Imitation** **Repetition**	**Specific exercise** **Practise matches**
10	**February & March**	**REVISION**		