



JAGAT TARAN GOLDEN JUBILEE SCHOOL, PRAYAGRAJ
(CLASS – 12TH)

MONTH WISE SYLLABUS BREAK-UP 2024-25

ENGLISH CORE

| Month | Flamingo | Vistas | Reading and Writing skills |
|------------------|--|---|---|
| APRIL | <ul style="list-style-type: none"> ➤ The Last Lesson ➤ My Mother at Sixty Six (poem) | <ul style="list-style-type: none"> ➤ The Third Level | <ul style="list-style-type: none"> ➤ Reading Comprehension ➤ Notice writing |
| MAY | <ul style="list-style-type: none"> ➤ Lost Spring | <ul style="list-style-type: none"> ➤ The Tiger King | <ul style="list-style-type: none"> ➤ Letters to the Editor |
| JULY | <ul style="list-style-type: none"> ➤ Deep Water (Flamingo) ➤ Keeping Quiet (Poem) | <ul style="list-style-type: none"> ➤ Journey to the End of the Earth | <ul style="list-style-type: none"> ➤ Job Application |
| AUGUST | <ul style="list-style-type: none"> ➤ The Rattrap (Flamingo) ➤ A Thing of Beauty (Poem) | <ul style="list-style-type: none"> ➤ The Enemy | <ul style="list-style-type: none"> ➤ Article Writing |
| SEPTEMBER | <ul style="list-style-type: none"> ➤ Indigo ➤ Poets and Pancakes | <ul style="list-style-type: none"> ➤ On The Face of it | <ul style="list-style-type: none"> ➤ Report-Writing |
| OCTOBER | <ul style="list-style-type: none"> ➤ The Interview ➤ A Roadside Stand (Poem) | <ul style="list-style-type: none"> ➤ Memories of Childhood | <ul style="list-style-type: none"> ➤ Invitation Writing & Replies |
| NOVEMBER | <ul style="list-style-type: none"> ➤ Going Places ➤ Aunt Jennifer's Tigers (Poem) | Revision and Project | |
| DECEMBER | REVISION & 1st Pre-Board | REVISION & 1st Pre-Board | REVISION & 1st Pre-Board |

HINDI

| माह | आरोह-2 | वितान-2 | अभिव्यक्ति और माध्यम |
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| अप्रैल | पद्य आत्म परिचय, एक गीत गद्य- भक्तिन | | अपठित गद्यांश एवं पद्यांश पाठ -3 |
| मई | पद्य पतंग गद्य बाजार दर्शन | सिल्वर वेडिंग | अप्रत्याशित लेखन ,पत्र पाठ -4, |
| जुलाई | पद्य कविता के बहाने, बात सीधी थी पर गद्य काले मेघा पानी दे | जूझ | पाठ-5,11 |
| अगस्त | पद्य कैमरे में बंद अपाहिज, उषा गद्य पहलवान की ढोलक | | पाठ-12,13 |

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| सितंबर | पद्य बादल राग गद्य शिरीष के फूल | अतीत में दबे पाँव | पुनरावृत्ति |
| अक्टूबर | पद्य कवितावली, लक्ष्मण मूर्छी और राम का विलाप | | पुनरावृत्ति |
| नवम्बर | पद्य रुबाइयाँ, <i>छोटा मेरा खेत, बगुलों के पंख</i> गद्य श्रम विभाजन और जाति प्रथा एवं मेरी कल्पना का आदर्श समाज | | पुनरावृत्ति |

PHYSICS

| Month | Chapter | Practical/Activity |
|--------|--|---|
| April | CHAPTER – 1 : ELECTRIC CHARGES AND FIELDS. | 1. TO DETERMINERESISTIVITY OF TWO/THREE WIRES BY PLOTTING A GRAPH FOR POTENTIAL DIFFERENCE VERSUS CURRENT. 2. TO DETERMINE ANGLE OF MINIMUM DEVIATION FOR A GIVEN PRISMBY PLOTTING A GRAP BETWEEN INCIDENT ANGLE & ANGLE OF DEVIATION. |
| May | CHAPTER – 2 ELECTROSTATIC POTENTIAL AND CAPACITANCE | 3. TO FIND RESISTANCE OF A GIVEN WIRE USING METER BRIDGE. 4. TO FIND FOCAL LENGTH OF A CONVEX LENS BY PLOTTING GRAPHS BETWEEN u and v OR BETWEEN $1/u$ and $1/v$. <u>ACTIVITY 1</u> : TO ASSEMBLE THE COMPONENTS OF A GIVEN ELECTRICAL CIRCUIT. |
| July | CHAPTER – 3 CURRENT ELECTRICITY. CHAPTER – 4 MAGNETIC EFFECTS OF CURRENT AND MAGNETISM | 1. TO DETERMINE RESISTIVITY OF TWO/THREE WIRES BY PLOTTING A GRAPH FOR POTENTIAL DIFFERENCE VERSUS CURRENT. 2. TO DETERMINE ANGLE OF MINIMUM DEVIATION FOR A GIVEN PRISMBY PLOTTING A GRAP BETWEEN INCIDENT ANGLE & ANGLE OF DEVIATION. 3. TO FIND RESISTANCE OF A GIVEN WIRE USING METER BRIDGE. 4. TO FIND FOCAL LENGTH OF A CONVEX LENS BY PLOTTING GRAPHS BETWEEN u and v OR BETWEEN $1/u$ and $1/v$. 5. TO VERIFY LAWS OF COMBINATION(SERIES/PARALLEL) OF RESISTANCES USING METER BRIDGE. <u>ACTIVITY 2</u> : TO ASSEMBLE A GIVEN HOUSEHOLD CIRCUIT. |
| August | CHAPTER – 5 MAGNETISM AND MATTER. CHAPTER – 6 ELECTROMAGNETIC INDUCTION. CHAPTER- 7 ALTERNATING CURRENT CHAPTER – 8 ELECTROMAGNETIC WAVES . | 6. TO FIND THE VALUE OF v FOR DIFFERENT VALUES OF u IN CASE OF A CONCAVE MIRROR AND TO FIND FOCAL LENGTH. <u>ACTIVITY 3</u> : TO MEASURE RESISTANCE, VOLTAGE, CURRENT & CHECK THE CONTINUITY OF A CIRCUIT USING MULTIMETER. 7.TO FIND THE FOCAL LENGTH OF A CONVEX MIRROR, |

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| | | USING A CONVEX LENS |
| September | CHAPTER – 9 RAY OPTICS AND OPTICAL INSTRUMENTS CHAPTER – 10 WAVE OPTICS. | 8. TO DETERMINE RESISTANCE OF A GALVANOMETER BY HALF – DEFLECTION METHOD AND TO FIND ITS FIGURE OF MERIT. <u>ACTIVITY 4:</u> DIFFRACTION THROUGH THIN SLIT <u>ACTIVITY 5:</u> TO OBSERVE REFRACTION & LATERAL DEVIATION OF A BEAM OF LIGHT INCIDENT OBLIQUELY ON A GLASS SLAB. |
| October | CHAPTER – 11 DUAL NATURE OF RADIATION AND MATTER. CHAPTER - 12 : ATOMS CHAPTER - 13: NUCLIE | <u>ACTIVITY 6:</u> TO IDENTIFY DIODE, AN LED, A TRANSISTOR, AN IC, RESISTOR & CAPACITOR FROM A MIXED COLLECTION OF SUCH ITEMS. 9. TO DRAW THE I-V CHARACTERISTIC CURVE FOR A P-N JUNCTION DIODE IN FORWARD AND REVERSE BIAS. |
| November | CHAPTER – 14 SEMICONDUCTOR ELECTRONICS. | |

CHEMISTRY

| S. No | Month | Chapter's Name |
|-------|--------|--|
| 1. | April | <p>Solutions Types of solutions, expression of concentration of solutions of solids in liquids, solubility of gases in liquids, solid solutions, Raoult's law, colligative properties - relative lowering of vapour pressure, elevation of boiling point, depression of freezing point, osmotic pressure, determination of molecular masses using colligative properties, abnormal molecular mass, Van't Hoff factor.</p> |
| 2. | May | <p>Electrochemistry Redox reactions, EMF of a cell, standard electrode potential, Nernst equation and its application to chemical cells, Relation between Gibbs energy change and EMF of a cell, conductance in electrolytic solutions, specific and molar conductivity, variations of conductivity with concentration, Kohlrausch's Law, electrolysis and law of electrolysis (elementary idea), dry cell-electrolytic cells and Galvanic cells, lead accumulator, fuel cells, corrosion.</p> |
| 3. | July | <p>Chemical Kinetics Rate of a reaction (Average and instantaneous), factors affecting rate of reaction: concentration, temperature, catalyst; order and molecularity of a reaction, rate law and specific rate constant, integrated rate equations and half-life (only for zero and first order reactions), concept of collision theory (elementary idea, no mathematical treatment), activation energy, Arrhenius equation.</p> <p>d and f Block Elements General introduction, electronic configuration, occurrence and characteristics of transition metals, general trends in properties of the first row transition metals – metallic character, ionization enthalpy, oxidation states, ionic radii, colour, catalytic property, magnetic properties, interstitial compounds, alloy formation, preparation and properties of $K_2Cr_2O_7$ and $KMnO_4$. Lanthanoids - Electronic configuration, oxidation states, chemical reactivity and lanthanoid contraction and its consequences. Actinoids - Electronic configuration, oxidation states and comparison with lanthanoids.</p> |
| 4. | August | <p>Coordination Compounds Coordination compounds - Introduction, ligands, coordination number, colour, magnetic properties and shapes, IUPAC nomenclature of mononuclear coordination compounds. Bonding, Werner's theory, VBT, and CFT; structure and stereoisomerism, importance of coordination compounds (in qualitative analysis, extraction of metals and biological system).</p> <p>Haloalkanes and Haloarenes. Haloalkanes: Nomenclature, nature of C–X bond, physical and chemical properties, optical rotation mechanism of substitution reactions. Haloarenes: Nature of C–X bond, substitution reactions (Directive influence of halogen in monosubstituted compounds only). Uses and environmental effects of - dichloromethane, trichloromethane, tetrachloromethane, iodoform, freons, DDT.</p> |

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| 5. | September | <p>Alcohols Phenols and Ethers Alcohols: Nomenclature, methods of preparation, physical and chemical properties (of primary alcohols only), identification of primary, secondary and tertiary alcohols, mechanism of dehydration, uses with special reference to methanol and ethanol. Phenols: Nomenclature, methods of preparation, physical and chemical properties, acidic nature of phenol, electrophilic substitution reactions, uses of phenols.</p> <p>Ethers: Nomenclature, methods of preparation, physical and chemical properties, uses.</p> <p>Aldehydes, Ketones and Carboxylic Acids Aldehydes and Ketones: Nomenclature, nature of carbonyl group, methods of preparation, physical and chemical properties, mechanism of nucleophilic addition, reactivity of alpha hydrogen in aldehydes, uses. Carboxylic Acids: Nomenclature, acidic nature, methods of preparation, physical and chemical properties; uses.</p> |
| 6. | October | <p>Amines Amines: Nomenclature, classification, structure, methods of preparation, physical and chemical properties, uses, identification of primary, secondary and tertiary amines.</p> |
| 7. | November | <p>Amines contd Diazonium salts: Preparation, chemical reactions and importance in synthetic organic chemistry.</p> <p>Biomolecules Carbohydrates - Classification (aldoses and ketoses), monosaccharides (glucose and fructose), D-L configuration oligosaccharides (sucrose, lactose, maltose), polysaccharides (starch, cellulose, glycogen); Importance of carbohydrates. Proteins -Elementary idea of - amino acids, peptide bond, polypeptides, proteins, structure of proteins primary, secondary, tertiary structure and quaternary structures (qualitative idea only), denaturation of proteins; enzymes. Hormones - Elementary idea excluding structure. Vitamins - Classification and functions. Nucleic Acids: DNA and RNA.</p> |

MATHS

| MONTH | CHAPTER |
|---------------------|--|
| 1. April | Relation and Function |
| 2. May | Inverse Trigonometric Function |
| 3. July | Matrices and Determinants |
| 4. August | Continuity and Differentiability Application of Derivatives |
| 5. September | Application of derivatives Integrals |
| 6. October | Application of integrals Differential Equations Vector |
| 7. November | Vector 3- Dimensions Probability Linear programming Revision for Pre board |

APPLIED MATHS

| MONTH | CONTENT |
|---------------------|---|
| 1. April | Numbers, quantification and Numerical Application |
| 2. May | Numerical inequalities |
| 3. July | Matrices and Determinants |
| 4. August | Differentiation Application of Derivatives |
| 5. September | Integrals Stocks, shares and debentures |
| 6. October | Differential Equation Returns, growth and depreciation |
| 7. November | Inferential statistics Probability Index numbers and Time- based data Probability distribution Perpetuity, sinking funds, bonds and EMI Linear programming Revision for Pre board |

BIOLOGY

| Sr. No. | Month | Chapter's Name |
|----------------|--------------|---|
| 1. | April | 1. Sexual Reproduction in flowering Plants |
| 2. | May | 2. Human Reproduction 3. Reproductive Health 4. Microbes in human welfare |
| 3. | July | 5. Human Health and Disease 6. Organisms and Populations |
| 4. | Aug. | 7. Ecosystem 8. Biodiversity and its Conservation |
| 5. | Sept. | 9. Biotechnology – Principles and Processes 10. Applications of Biotechnology 11. Principles of Inheritance |
| 7. | Oct. | 12. Molecular Basis of Inheritance |
| 8. | Nov. | 13. Evolution |

ACCOUNTANCY

| Months | Syllabus |
|-----------|--|
| APRIL | Accounting for Partnership Firms – Fundamentals, |
| MAY | Goodwill: Meaning, Nature, Factor affecting and need for valuation. Methods for Calculation of Goodwill (Average profit, super profit, and capitalization), |
| JULY | Admission of a Partner- effect of admission of a partner on change in the profit sharing ratio, treatment of goodwill. Treatment of revaluation of assets and reassessment of liabilities, treatment of reserves, accumulated profits and losses, preparation of capital, current account, and balance sheet, Adjustment of Capital |
| AUGUST | Retirement and Death of a Partner, Accounting for Share Capital. Dissolution of a Partnership Firm – Meaning, Types, Preparation of Realization account and other related accounts, capital accounts of partners, and cash/bank a/c. |
| SEPTEMBER | Accounting for Share Capital, Preparation of Balance Sheet, Comparative and Common Size Statements |
| OCTOBER | Accounting for Debentures, Financial Statement Analysis: Meaning, Significance, Importance and Limitations |
| NOVEMBER | Dissolution of a Partnership Firm – Meaning, Types, Preparation of Realization account and other related accounts, capital accounts of partners and cash/bank a/c, Accounting Ratios, Cash Flow Statements – Meaning, Objectives, Benefits, Cash and Cash Equivalents, Classification of Activities and preparation (as per AS 3 (Revised) (Indirect Method)). |
| DECEMBER | REVISION |

ECONOMICS

| Months | Syllabus |
|------------------|--|
| APRIL | <ul style="list-style-type: none">• Circular flow of income• Basic Concepts of Macroeconomics |
| MAY | <ul style="list-style-type: none">• Indian Economy on the Eve of Independence• National Income and Related Aggregates• Banking |
| JULY | <ul style="list-style-type: none">• Methods of Calculating National Income• Indian Economy (1950-1990) |
| AUGUST | <ul style="list-style-type: none">• Money.• Indian Economy (1950-1990)• Aggregate Demand and Related Concepts |
| SEPTEMBER | <ul style="list-style-type: none">• Income determination and multiplier• Excess Demand and Deficient Demand.• Liberalisation, Privatisation and Globalisation : An Appraisal |
| OCTOBER | <ul style="list-style-type: none">• Liberalisation, Privatisation and Globalisation : An Appraisal• Human Capital Formation in India |
| NOVEMBER | <ul style="list-style-type: none">• Government Budget and the Economy• Foreign Exchange Rate• Balance of Payment.• Rural Development• Employment :Growth, Informalisationand other issues• Environment and Sustainable Development.• Comparative Development Experience of India and it's Neighbours |
| DECEMBER | REVISION |

BUSINESS STUDIES

| Months | Syllabus |
|------------------|---|
| APRIL | Nature and Significance of Management |
| MAY | Principles of Management |
| JULY | Business Environment Planning |
| AUGUST | Planning (Contd.) Organising Staffing |
| SEPTEMBER | Directing Controlling Financial Management |
| OCTOBER | Revision for PT - 3 (Half Yearly) |
| NOVEMBER | Financial Market Marketing Management Consumer Protection |
| DECEMBER | REVISION |

PHYSICAL EDUCATION

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|--------|---|
| APRIL | <p>Chapter-1 Management of Sporting Events</p> <ul style="list-style-type: none"> • Functions of Sports Event Management (Planning, Organising, Staffing, Directing & Controlling) • Various Committees & their Responsibilities (pre: during & post) • Fixtures & its procedure- Knock-out (Bye & seeding) & League (Staircase & Cyclic) • Tournaments- meaning, objective & its Significance • Community sports programme(sports day, health run, run for fun, run for specific cause & run for unity) |
| MAY | <p>Chapter-2 Children & Women in Sports</p> <ul style="list-style-type: none"> • Common Postural Deformities-Knock Knee: Bow Legs: Flat Foot: Round Shoulders: Lordosis, Kyphosis & Scoliosis & their corrective measures • Special consideration (Menarche & Menstrual Dysfunction) • Female Athletes Triad (Osteoporosis, Amenorrhea, Eating Disorder) • Exercise guidelines of who for different age group |
| JULY | <p>Chapter-3 Yoga as Preventive measures for Lifestyle Disease</p> <ul style="list-style-type: none"> • Obesity: Procedure, Benefits & Contradictions for Vajrasana, Hastotansana, Trikonasana, Ardha-Matsyendrasana • Diabetes: Procedure, Benefits & Contradictions for Bhujangasana, Paschimottanasana, Pavan Muktasana, Ardha-Matsyendrasana, Kapalabhati • Asthma: Procedure, Benefits & Contradictions for Sukhasana, Chakrasana, Gomukhasana, Parvatasana, Bhujangasana, Paschimottanasana, Matsyaasana, Anulom-Vilom • Hypertension: Procedure, Benefits & Contradictions for Tadasana, Vajrasana, Pavan Muktasana, Ardha Chakrasana, Bhujangasana, Shavasana • Back pain & arthritis procedure, benefits & contra indicatives of tadrson, ardh chakrasana, <p>Chapter-4 Physical Education & Sports for CWSN (Children with Special Need - Divyang)</p> <ul style="list-style-type: none"> • Organising promoting Disability Sports (Special Olympics, Paralympics: Deaflympics) • Advantage of Physical Activities for Children with special needs. • Strategies to make Physical Activities assessable for children with special needs. • Concept of inclusion in sports its need & implementation • Concept of classification & divisioning in sports |
| AUGUST | <p>Chapter-5 Sports & Nutrition</p> <ul style="list-style-type: none"> • Concept of balance diet & nutrition • Macro & Micro Nutrients: Food sources & functions • Nutritive & Non-Nutritive components & diet • Eating for weight control pitfalls of dieting, food intolerance & food myths • Importance of diet in sports during and post requirement |

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| <p>SEPTEMBER</p> | <p>Chapter-6 Test & Measurement in Sports</p> <ul style="list-style-type: none"> • Fitness- SAI Khelo India Fitness Test in School: Fitness test <ul style="list-style-type: none"> ➤ Age Group 5-8 yrs./class 1-3: BMI, Flamingo Balance Test, Plate Tapping Test ➤ Age Group 9-18 yrs./class 4-12: BMI, 50mts Speed test, 600mt Run/Walk, Sit & Reach Flexibility Test, Strength Test (Abdominal Partial Curl Up, Push-ups for boys, Modified Push-ups for Girls) • Computing Basal Metabolic Rate (BMR) • Rikli & Jones – Senior Citizen Fitness Test <ol style="list-style-type: none"> 1. Chair stand test for lower body strength 2. Arm Curl test for upper body strength 3. Chair sit * Reach test for lower body flexibility 4. Back Scratch test for upper body flexibility 5. Eight Foot Up & Go Test for agility 6. Six minutes' Walk test for Aerobic Endurance • Johnson-motor educability (front roll, roll jumping) <p>Chapter-7 Physiology & Injuries in Sports</p> <ul style="list-style-type: none"> • Physiological factors determining components of physical fitness • Effects of exercise on Muscular System • Effect of exercise on Cardio-Respiratory System • Sports Injuries: Classification (Soft Tissue Injuries – Abrasion, Contusion, Laceration, Incision, Sprain & Strain: Bone & Joint Injuries – Dislocation, Fractures – Green Stick, Comminuted, Transverse Oblique & Impacted) • Physiological change due to aging |
| <p>OCTOBER</p> | <p>Chapter-8 Biomechanics & Sports</p> <ul style="list-style-type: none"> • Newton's Law of Motion & its Application in sports • Equilibrium – Dynamic & Static and Centre of Gravity and its application in sports • Friction & Sports • Projectile in Sports • Types of levers & their application in sports <p>Chapter-9 Psychology & Sports</p> <ul style="list-style-type: none"> • Personality: Its definition & Types (Jung classification & Big five theory) • Meaning: Concept & Types of Aggression in Sports • Psychological Attributes in Sports – Self Esteem, Mental Imagery, Self-Talk, Goal Setting • Motivation, its type & techniques • Exercise adherence reasons, benefit & strategies for enhancing it |

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| NOVEMBER | Chapter-10 Training in Sports <ul style="list-style-type: none"> • Concept of talent Identification & Talent Development in Sports • Introduction to Sports Training Cycle – Micro, Meso, Macro cycle • Types & Method to Develop – Strength, Endurance & Speed • Types & Method to Develop – Flexibility & Coordinative Ability • Circuit training introduction & its importance |
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COMPUTER SCIENCE

| Month | Chapter |
|-----------|--|
| April | Computer Network |
| May | Relational Database |
| July | 1. Relational database cont. 2. Revision of Python Basics |
| August | 1. Functions 2. Exception handling |
| September | Data File handling |
| October | Interface Python with SQL |
| November | Data Structure in Python |

INFORMATICS PRACTICES

| MONTH | TOPICS/CHAPTERS | LAB WORK |
|------------------|---|--|
| April | Chapter 3 Review of database Concepts and SQL Chapter 4 Database Query using SQL | 1. Practical of SQL commands. 2. Practical of single Row functions and Multiple Row Functions |
| May | Chapter 5 Computer Networks | |
| July | Chapter 1 Data Handling using Pandas uptill comparing the Series | 1. Creating Series using series() method 2. Naming a Series 3. Accessing data from a Pandas series 4. Mathematical operations on series. 5. Vector operations 6. Retrieving and deleting elements from a series. 7. Comparing the series. |
| August | Data Handling using Pandas contd. Data Visualization using Matplotlib | 8. Dataframe Creation. 9. Iterations in dataframe 10.Binary operations 11.Combining data frame 12.Boolean indexing 13.CSV file |
| September | Computer Network contd. | Practical implementation of Matplotlib |
| October | Societal Impacts | |
| November | Revision of entire syllabus | |

HISTORY

| Test/Months | Chapters | Activities |
|-------------|--|----------------------------------|
| April /May | Theme 1 The Harappan Civilization Theme 5 Through the eyes of Travellers Theme 10 Colonialism and the Countryside | Mind map |
| July | Theme 2 Kings Farmers and Towns Theme 6 Bhakti Sufi Traditions Theme 11 Rebels and The Raj | Concept mapping and Chart making |
| August | Theme 3 Kinship caste and class Theme 7 An Imperial Capital Vijayanagara | Discussion of the case studies |
| September | Theme 13 Mahatma Gandhi and the National movement Theme 4 Thinkers Beliefs and Buildings | |
| October | Theme 8 Peasants Zamindars and State | Survey |
| November | Theme 15 Framing the Constitution | Debate |
| Pre Board | Entire year course | |

GEOGRAPHY

| MONTHS | LESSON NAME | ACTIVITY |
|----------------------|--|---|
| APRIL 13 Days | Geography: Book-I Fundamental of Human Geography Book-II India People and Economy Book-I L-1 Human Geography-Nature and Scope L-2 The World Population, Distribution, Density and growth Book-II L-1 Population : Distribution, Density Growth and Composition | Prepare a concept Map of the Ch-Human Geography explaining the following: Definition of Human Geog; Nature, Scope, Schools of thought; branches of Human Geog. |
| MAY 16 Days | Book-II L-1 Population: Distribution, Density, Growth and Composition (contunued) L-4 Human Settlements | |
| JULY 26 Days | Book-II L-4 Human Settlements (Continued) L-5 Land Resources and Agriculture Book-I L-4 Human Development | Mark & Label the following on outline World Map: a. Major subsistence areas b. Major Nomadic Herding areas c. Major Commercial livestock rearing areas d. Major areas of extensive commercial grain |

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| | L-5 Primary Activities | farming. |
| AUGUST 24 Days | Book-II L-6 Water Resources L- 7 Mineral and Energy Resources Book-I L-6 Secondary Activities L- 7 Tertiary and Quaternary Activities | |
| SEPTEMBER 25 Days | Book-I L-7 Tertiary and Quarternary Activities (continued) Book-II L-9 Planning and Sustainable Development in Indian Context Book -I L- 8 Transport and Communication | Make a list of ten Global brands their logos and products on Activity sheets |
| OCTOBER 19 Days | Book-I L-8 Transport and Communication(continued) L- 9 International Trade Book-II L-10 Transport and Communication | Make a sketch/Poster about the environmental conditions surrounding an industry |

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| NOVEMBER 23 Days | Book-I L-9 International Trade(continued) Book-II L-11 International Trade L-12 Geographical Perspective on Selected Issues and Problems | |
| DECEMBER (Till PREBOARD) | L- 12 Geographical Perspective on Selected Issues and Problems (continued) | |

POLITICAL SCIENCE

| Month | LESSON | ACTIVITY |
|-----------|--|--|
| April | Book – I Contemporary World Politics L-2 End of Bipolarity Book II Politics in India Since Independence L-1 Challenges of National Building | *Map Work- New Republics *Short Article on Partition |
| May | Book – I Contemporary World Politics L-4 Alternative Centers of Power Book II Politics in India Since Independence L-2 Era of One Party Dominance | *Cartoon Based Ques. *Map Work – States Where Congress Dominated |
| | P T 1 | |
| July | Book – I Contemporary World Politics L-5 Contemporary South Asia Book II Politics in India Since Independence L-3 Politics of Planned Development | *Map Work South Asian Nations*Comparative Analysis of left &Right Ideology |
| August | Book – I Contemporary World Politics L-6 International Organisations Book II Politics in India Since Independence L-4 India’s External Relations. L-5 Challenges to and Restoration of the Congress System | *Discussion on Role of WHO During Covid – 19 - A Report *Cartoon Work |
| | P T 2 | |
| September | Book – I Contemporary World Politics L-7 Security in the Contemporary World Book II Politics in India Since Independence L-6 The Crisis of Democratic Order | *Discussion on indigenous communities & their concerns * Pages from the Past – Collect newspaper clippings on the Imposition of Emergency in 1975 |
| October | Book – I Contemporary World Politics L-8 Environment and Natural Resources Book II Politics in India Since Independence L- 8 Regional Aspirations | *Quiz |
| | P T 3 (Half Yearly) | |
| November | Book – I Contemporary World Politics L-9 Globalisation Book II Politics in India Since Independence L- 9 Recent Developments in Indian Politics | Collect pictures of goods Produced by MNC’s And briefly write About each product |
| December | PRE-BOARD | |

GENERAL SCIENCE

| Months | Syllabus | Project Work |
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| APRIL | Chapter -1 Science, Technology and Society | Art Integrated Project: Create a slogan in English or Hindi using around 10 words and write it digitally using any suitable App like Canva. |
| MAY | Chapter -2 Contemporary Problems of Indian Society | |
| JULY | Chapter -3 Cultural Heritage of India | Choose any one topic: (i) Education (ii) Gender Discrimination (iii) Unity in Diversity (iv) Child Labour |
| AUGUST | Chapter -4 National Struggle for India's Freedom | |
| SEPTEMBER | Chapter -5 Constitutional Obligations: Basic Principles of Indian Constitution | Use any beautiful scenery of Arunachal Pradesh as background. Submit its colour hardcopy in school. (1) India of My Dream (2) Where do I see myself after five years and how am I going to achieve it ? |
| OCTOBER | Revision for Half Yearly | |
| NOVEMBER | Human Rights | Last Date of Submission: 31-07-2024 |
| DECEMBER | REVISION | |

SUPW

| Months | Syllabus |
|------------------|---|
| APRIL | LORD GANESHA, MICKEY MOUSE |
| MAY | ARCHITECTURAL DRAWING, ZENTANGLE ART |
| JULY | LOGO DESIGN , MANDALA, PAPER BASKET |
| AUGUST | NEWSPAPER GIRL , BOOK COVER DESIGN , PAPER FLOWER |
| SEPTEMBER | BOX DECORATION, PICHWAI ART |
| OCTOBER | KALAMKARI DRAWING, FACIAL FEATURES, SHOE PAINTING |
| NOVEMBER | STILL LIFE, DOODLE ART, QUILLING JEWELLERY |