

Term 1 Session 2024-25						
Grade	Subject	Category	Week 1 & 2 (April 2 - April 12)	Week 3 (April 15 - April 19)	Week 4 & 5 (April 22 - May 3)	Week 6 & 7 (May 6 - May 17)
AS Level (Grade 11)	English Ms. Sakshi Seth	Topics Covered	-Curriculum Overview -Text Analysis Basics -Analysis Techniques -Word Category Analysis	Overview of a Text Analysis Commentary - Form, Register, Audience, Subject, Purpose.	-Style and Structure of an Article -Writing the Overview	-Application of Claims - Word Category Analysis -Article Writing - Style and Structure of an Article
	English General Paper Ms Ankita	Topics Covered	Unit 1.1 Utopia High School	Presentation, Analysis of the limitations and forming responses, writing an essay	Analytic Commentary, Socratic Seminar and Unpacking a source. Audience, Purpose and Register	-Writing an introduction and formulating a thesis statement -Understanding the argumentative and expository approach of an essay -Understanding the key elements of an essay - crafting the body paragraph. Using topic sentences and transitions The OPTIC strategy
	German Ms. Kirtika Thakur	Topics Covered	-Revision of sentence structure, paragraph writing -Conjugation of complex verbs	-Reading comprehension -Schreiben on tagesablauf	fragepronomen welche und demonstrativ pronomen diese es gibt, was fur struktur, reading comprehension, sprechen diskussion, kommentieren , sowie, wenn, weil, weil, obwohl , wenn/sofern,falls , darum/deswegen/deshalb, weil da/denn,	-Reading comprehension, damit & um...zu grammatik & worksheet, Bewerbungsbrief schreiben -Zu vs nach unterscheiden , zeit wiederholung , Werden Verben , zu plus Infinitiv Grammatik and associated worksheets & sentences , reading comprehension present in book (beste freunde b1.1) with vocabs associated with text, lesen based on "Im Ausland arbeiten", sodas... So... dass satz unterschied, grammatik : brauchen = nicht/kein/ur = zu + infinitiv satz
	Spanish Ms. Kashish	Topics Covered	--	- Ser & Estar Revision - Regular verbs Revision	- Listening exercise - Writing tasks	- listening task
	Information Technology Ms. Garima	Topics Covered	Data Processing and information: -Data -Information -Data Sources -Encryption	Data Processing and information: -Validation and verification -Data Processing	Spreadsheets: -create/edit spreadsheet structures -protect cells and their content -freeze planes and windows -functions Book practical Exercises	Spreadsheets: -Nested if -Conditional statistical function -Validation rules -Test formulas and functions -Extract data using filters Book Practical Exercises Exam Papers
	Math Ms. Pooja Sharma	Topics Covered	-Solving quadratic equations by factorisation -Completing the square -The quadratic formula -Solving simultaneous equations (one linear and one quadratic) -Solving more complex quadratic equations -Maximum and minimum values of a quadratic function	-Solving quadratic inequalities -The number of roots of a quadratic equation -Intersection of a line and a quadratic curve	-Definition of a function -Composite functions -Inverse functions -The graph of a function and its inverse	- Transformations of functions - Reflections - Stretches - Combined transformations - Length of a line segment and midpoint - Parallel and perpendicular lines - Equations of straight lines
	Physics Mr. Vipin	Topics Covered	-Measurement & uncertainties Kinematics  -Practical Activity - To find time period of a pendulum and its dependence on length. also calculate g using graphical method.	-Errors and uncertainties -Different type of errors -Kinematics -Equation of motion	- Kinematics Equation of motion undr gravity Projectile motion -Range -Max Height - Time of flight Two practical activity done based on feb march series 2023 QP	-Two Practical based on November series up 2022 -Exam style questions of chapter 3 Accelerated motion
	Chemistry Ms. Pooriti Garg	Topics Covered	Atomic Structure - Models of Atom 1. J.J. Thomson Model of an Atom 2. Rutherford Model of an Atom 3. Bohrs Model of an Atom 4. Quantum Model of an Atom Electronic Configuration of Atom- Aufbau Principal, Quantum Numbers, Ionization Enthalphy	States of Matter 1. The Gaseous State 2. Ideal Gas Equation	1. Practical of Salt Analysis 2. States of Matter- Discussed all 5 states of matter in detail. 2. Kinetic Theory for Ideal gas. 3. Limitations of Kinetic Theory 4. Difference between Ideal gas and Real Gas 5. Numerical Practice on Ideal gas Equation $PV=nRT$	1. Practical to identify salt of Lead and nitrate ions. 2. SA of Unit 1. 3. Numericals of Ideal Gas Equation
	Biology Ms. Sarika Ahuja	Topics Covered	-Introduction to the AS Level Biology Curriculum -Introduction to the Biology laboratory apparatus  Unit 1 - Cell Structure -Discovery of cell and cell theory -Components of a plant cell and animal cell as seen under light microscope -Differences between plant cell and animal cell -Details of light microscope - Structure and working -Details of Electron microscope - TEM and SEM -difference between light microscope and electron microscope -Magnified images of different cells -Calculating magnification  Reading material in the form of power point slides is shared in the google classroom.	Unit 1 - Cell Structure (Continued)  - Concept of eyepiece graticule and stage micrometer - Ultra structure of the cell - Electron micrographs of the cell organelles.	Unit 1 - Cell Structure (Continued)  - Ultra structure of Centrioles, microtubules and Lysosomes. -Practice worksheets of cell structure. -Coursebook questions.  Unit 2 - Biological molecules  - Key terms like polymer, monomer, macromolecule, Saccharide - Carbohydrates - Monosaccharides and Disaccharides	Unit 2 - Biological molecules  - Disaccharides - Condensation and hydrolysis. - Reducing and Non reducing Sugars. - Laboratory tests for reducing and non reducing sugar - Polysaccharides - Introduction to Lipids. - Properties of Water with reasons and definitions. - Proteins and four levels of Protein structure. - Hemoglobin and Collagen  Recapitulation of Cell basics and Subcellular Structures
	Business Studies Ms. Shilpa Arora	Topics Covered	-Enterprise -Business activity, Opportunity cost. -Qualities of successful entrepreneurs -Why do some business fails. -Concept of added value and adding value. -Factors of production -Case studies	-Importance of Enterprise -Importance of Entrepreneurs and Intrapreneurs to a Country's Economy -Meaning, purpose, advantages and disadvantages of Business plan -Case Studies	Chapter-2- Economic Sectors. -Business ownership- Sole trader. -Partnership. -Limited Companies. -Cooperatives. -Franchises. -Joint venture. -Social Enterprise. -Case studies.	Ways of measuring size of Business Small business and Family business Internal and external growth and different forms Stakeholders in a business and roles, rights and responsibilities Impact of business decisions on stakeholders and impact of stakeholders aims on business decisions Objectives for businesses and importance of objective objectives. Links between mission statements, aims, objectives and strategies.
	Accounting Ms. Shilpa Arora	Topics Covered	-Accounting concepts. -Business entity concept. -duality concept. -Money measurement concept. -Realisation -Matching. -Prudence. -Historic cost. -objectivity. -Accounting terminology. -Key concepts.	-Double entry book keeping -Ledger accounts -Layout of ledger Accounts -Recording of cash transactions -Worked Examples	Double Entry book keeping - Credit transactions. -Trade discount. -Cash discount  Books of prime entry -Sales journal. -Sales return journal. -Purchase journal. -Purchase return journal -Ledger posting from books of prime entry	-Balancing accounts -Classification of Accounts and division of Ledger -How to prepare Trial balance -Statement of profit or loss-How to calculate profit or loss -Statement of financial position -How to show capital in Statement of financial position
	Economics Ms. Ayushi Chawra	Topics Covered	Chapter -1 Scarcity, choice and opportunity cost	Chapter-2: Economics Methodology Economics as Social science Positive economics & Normative economics Ceteris Paribus Short run, long run, very long run. Chapter 3: Factors of production: Definition, Importance & Rewards of Factors of production Human capital & Physical capital Division of labour & specialisation.	Chapter- 5: Production Possibility Curve -Working of PPC -The PPC & Opportunity Cost -Shape of PPC -Shifts in the PPC -Using of PPC to show choices  Chapter- 6 - Classification of goods & services -Excludability & rivalry -Private goods -Free goods -Public goods	Revision of Unit -1 -Conducted Formative Assessment -Conducted Summative Assessment -Unit -2 - The price system and the microeconomy -Chapter- 7: Demand & Supply curves: The price mechanism & markets The Demand
Psychology Ms. Vanya Chadha	Topics Covered	-Pre-assessment activity on Research methods to gauge their prior knowledge -Introduction to Research -Notion of Experiments -Experimental designs -Debate activity on Experiments -Types of Experiments -Hypothesis in experimental studies -Ethics in experiments and applying your knowledge of experiments to research.	-Concept of Self-reports -Types of self-report: Questionnaires and Interview -Notion of Questionnaires using exemplary situations and activity based on framing open and closed questions -Notion of Interviews using exemplary situations -Evaluation of Questionnaires and Interviews -Concept of Case study with the help of Group work -Evaluation of case studies -Concept of Observation attached with an Individual presentation activity on Naturalistic observation -Discussion on types of observation and their evaluation using conceptual videos -Introduction to the concept of correlation using examples of it's usage in research.	-Concept & types of correlation -Hypothesis in correlational studies -Evaluation of correlation -Concept of Longitudinal studies & Evaluation of Longitudinal studies -Group work activity on case studies -Concept of Definition, manipulation, measurement and control of variables as well as standardisation procedures -Concept of Sampling -Submission of Individual Presentation activity on Observation (Formative Assessment-1) -Types of Sampling techniques -Concept of Data and data analysis -Detailed discussion on descriptive statistics -Submission of Individual Presentation activity on Types of Sampling (Formative Assessment-2)	-Summative Assessment-1 was conducted with the students -Detailed discussion on measures of central tendency as well as measures of spread along with the practise of numericals. -A worksheet was given to the students to enrich their understanding towards descriptive statistics. -A worksheet was given to the students with questions on measures of central tendency and measures of spread. -Revision worksheets were given to the students on types of data, measures of spread, types of sampling, longitudinal vs. cross-sectional study ethical guidelines in research. -Detailed discussion on standard deviation, graphs including bar charts, histograms, scatter graphs, followed by ethical considerations and methodological issues in research. Summative Assessment-2 was conducted with the students.	
Wellbeing Ms. Vanya Chadha	Topics Covered	-Detailed discussion on wellbeing -Activity on Perspectives towards wellbeing wherein the students wrote their understanding of wellbeing followed by it's importance in their lives.	-Discussion on several dimensions of wellbeing. -Reflections on Dimensions of wellbeing activity, wherein the students shared their own examples relating to the various dimensions of wellbeing.	-Discussion about Group presentation activity on several dimensions of wellbeing. -Sharing of progress on upcoming Group presentation activity of the various dimensions of wellbeing	-Recognising emotions worksheet was given to the students, to enrich their understanding of emotions followed by their reflections and the impact of emotions towards their wellbeing. Group presentation on the various dimensions of wellbeing.	