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)**	**Week 8 & 9 (July 1 - July 12)**	**Week 10 & 11 (July 15 - July 26)**	**Week 12 & 13 (July 29 - July 31) (Aug 5 - Aug 10)**	**Week 14 , 15 & 16 (Aug 12 - Aug 17) (Aug 19 - Aug 30)**	**Week 17 (02 Sep - 07 Sep)**
A Level (Grade 12)	**English: Ms. Sakshi**	**Topics Covered**	Revision - Essay, Structure of an Essay - Title, Thesis, Background, Outline	Essay on Globalization	Essay on Technology - Focusing on the Structure	-FA on dedicated research and presentation of Essay Structure -Exam Style Essay - Paper 1	Revision Paper 1 - Essay. Identification of 4 Core Areas. Essay development in each.	Revision - Paper 1 - Comprehension	Language Features of an Essay - Hyperbole, Rhetorical, Repetition,	Comprehension Paper	Essay Structure
	ICT Mrs.Tejinder Kaur	**Topics Covered**	--	--	--	--	Started with flowcharts			--	--
	Math Ms. Geeta Joshi	**Topics Covered**	Chapter 1 - Algebra Exercise - 1A, 1C, 1D	Exercise - 1 E-Algebra	Ex 1 F Algebra Polynomials	-Remainder Theorem -Logrithum Function Ex 1 and 2 Done	Differential Equations	Trigonometry	Differentiation	Differentiation	Revision of As level differentiation
	Physics Mr. Vipin	**Topics Covered**	Chapter 16 - Circular motion Chapter 17 -	Completion of Gravitation and previous year questions Chapter 18 - Oscillations Started	Completion of Oscillation and practice of previous year questions Chapter 19 - Thermal Physics	-Chapter 20 - Ideal gases -Chapter 21 - Electrical Field -Chapter 22 - Coulomb's Law -Chapter 23 - Capacitor	Quantum Physics Radioactivity Magnetic Induction	Motion Of a charged particle Alternating Current	Quantum Physics Astronomy Revision of first three chapters of AS level Physics	Revision chapter 1 to 6 As Level Physics	Revision from Past papers topic wise questions
	Chemistry Ms. Poorti Garg	**Topics Covered**	Organic Chemistry- Halogenoalkanes - Properties and Reactions	Organic chemistry 1. Alcholos 2. Carboxylic acid 3. Ethers	1. FA of reactions 2. Benzene and its properties. 3. Carboxylic acids ans its reactions 4. Practical of salt analysis.	Carboxlyic acids and its comparison with alcohols on acidity. - PYQS of AS level organic questions -SA of Organic Chemistry (AS level)	Transition Elements 1. Representation 2. Oxidation States 3. Colours 4. Complex Compound Formation. 5. Reactions 6. Ligands	SA of Chapter 1,2,3 1. Revision of chapter 3,4,5 2. Electrochemistry 3. Electrolytic cell	Redox Reaction Revisited Electrolysis Quantitative Electrolysis Electrode Potential Combining Half Cells Using E values More about Electrolysis Revision of : Masses of atoms and Molecules Hydrated and anhydrous salts Accurate Relative atomic masses Amount of substance Mole calculations	Atoms and Molecules Stoichiometry Chemical Bonding States of Matter	Previous Year Questions Practice
	Biology Ms. Sumati Mishra	**Topics Covered**	Respiration and Energy: -Glycolysis -Kreb's Cycle	- Q/A discussion on respiration and energy - Class test on respiration and energy	Photosynthesis : Light and Dark Reactions	-Photosystem-1 and Photosystem-11 -Biosynthetic Phase	Revision and Question Practice on Transport in mammals	Test on Photosynthesis Formative Assessment-1	Mechanism of Muscle Contraction: Sliding Filament Theory Biodiversity:	Class Test on Biomolecules and Revision	Class test on Nucleic acids and protein synthesis and Transport in plants.
	Business Studies Ms. Shilpa Arora	**Topics Covered**	--	--	--	--	Chapter - 13 Organisational Structure Chapter-14 Communication	Chapter - 15 Leadership Chapter - 16 Human resource Management Strategy	Chapter-21 Marketing Analysis elasticity of demand – price, income and promotional impact of elasticity results on business decisions importance of new product development and of research and development moving-average method	Chapter-21 Marketing Analysis Qualitative sales forecasting methods Impact of sales forecasting on business decisions chapter 22 Marketing strategy importance of planning marketing strategy need for a coordinated and consistent marketing strategy need to link marketing strategy to marketing objectives	Changing role of IT and AI in marketing Evaluate and select appropriate strategies for entering international markets. Pan global marketing strategies Global localisation
	Accounting Ms. Shilpa Arora	**Topics Covered**	--	--	--	--	--	-----	-----	--	-------
	Economics Mr. Gagan Singh	**Topics Covered**	--	--	--	--	--	Chapter 30 Utility define the meaning of total utility and marginal utility • calculate total utility and marginal utility • explain diminishing marginal utility	Continue Chapter 30 explain the equi-marginal principle • derive an individual demand curve • evaluate the limitations of marginal utility and its assumptions of rational behaviour. Chapter 31 Indifference Curves and Budget Line define the meaning of an indifference curve and a budget line • explain the causes of a shift in the budget line • analyse the income, substitution and price effects for normal, inferior and Giffen goods • evaluate the limitations of the model of indifference curves.	Chapter 33 Types of Cost, Revenue and Profit, Short Run and Long Run Production explain the short-run production function, including: fixed and variable factors of production; total product, average product and marginal product; the law of diminishing returns (law of variable proportions) • calculate total product, average product and marginal product • explain the short-run cost function, including: fixed costs (FC) and variable costs (VC); total, average and marginal costs (TC, AC, MC); the shape of short-run average cost and marginal cost curves • calculate fixed costs and variable costs, and total, average and marginal costs • explain the long-run production function, including no fixed factors of production and returns to scale • explain the long-run cost function,	describe the market structures of perfect competition and imperfect competition (monopoly, monopolistic competition, oligopoly and natural monopoly) • explain the characteristics of the market structures in terms of the number of buyers and sellers, product differentiation, degree of freedom of entry and availability of information • explain barriers to entry and exit (legal, market, cost, physical) • analyse the performance of firms in different market structures through • revenues and revenue curves • output in the short run and in the long run • profits in the short run and in the long run • shutdown price in the short run and in the long run • deriving a firm's supply curve in a perfectly competitive
	Wellbeing Ms. Vanya Chadha	**Topics Covered**	-Detailed discussion on wellbeing. -Activity on reflections towards positive and negative emotions.	-Express it out activity on dimensions of wellbeing, wherein the students wrote their ways of describing the numerous dimensions of wellbeing.	-Discussion on several dimensions of wellbeing using conceptual videos. -Discussion on upcoming Individual presentation activity	Understanding emotions worksheet was given to the students, to enrich their understanding of positive vs. negative emotions followed by their reflections towards emotions. -Discussion on upcoming activity for presentation of posters on several dimensions of wellbeing along with it's benefits in their daily	-Detailed discussion on the importance of navigating their career. -Workshop on Scholarships in India & Abroad	-Poster presentation on dimensions of wellbeing. -Introduction to Profile building and discussion about the career path.	-Detailed discussion about the aspects of profile building and the update on ongoing internship.	-Detailed discussion and sharing of career interests. -Preparing towards List of prospective Universities as per the desired courses.	-Discussion about prospective Universities and courses of interest.