Art and Design AS LEVEL - 6 lessons per week

Assessment: Peer/ self formative feedback, teacher formative verbal and written feedback & teacher summative levels at the end of each project.

Cambridge Syllabus

	Topic/ SOW	Assessment
Term 1 16 weeks	**Component 1 - Coursework (50% AS)** **Theme: Distortion** *Moodboard/ Mind Map* *Observational drawing/ photographs* *Developed experiments* *Artist responses X3* *Experiments* *Reflection page and development of ideas* *FINAL PIECE (Completed in 'mock exam' conditions.* ***Date: 3rd December****)* *5 A2 sheets (double sided)* *1 final piece (completed under mock exam conditions - 6 hours: 3rd December 2025)*	Cambridge AO1 AO1 AO2 AO3 AO2 AO1, 2 & 3 AO1, 2, 3, & 4
Term 2 12 weeks	Trip to BACC. **Component 2 - Externally Set Assignment (50% AS)** *3 A2 sheets (double sided & 1 Final piece - presented on A2.* Exam condition time: 15 hours on 23rd/ 24th/ 25th April. All work sent to Cambridge by April 30th (Digital submission)	Cambridge AO1, 2, 3, & 4
Term 3 9 weeks	EXAMS (Start Component 3 - Personal Investigation, if continuing with A Level) *8 A2 sheets (Practical work and 1500 word essay)*	 Cambridge

Biology AS LEVEL - 6 lessons per week- - 2 lessons used for practicals

	Topic/ SOW	Assessment
Term 1 16 weeks	1. Cell structure (3 weeks) 2. Biological molecules (3 weeks) 3. Enzymes (3 weeks) 4. Cell membranes and transport (2 weeks) 5. The mitotic cell cycle (1 weeks) 6. Nucleic acids and protein synthesis (2 weeks) 7. Transport in plants (2 weeks)	***Formative** Google quizzes to check comprehension during each topic. **AO1-AO2** ***Practical per week AO3** *End of topic test to check **summative** understanding. **AO1-AO3**
Term 2 12 weeks	8. Transport in mammals (2 weeks) 9. Gas exchange (1 week) 10. Infectious diseases (2 weeks) 11. Immunity (2 weeks) Weeks of past paper practice	***MOCK EXAM AO1-AO3** ***End of topic tests** to check summative understanding. **AO1-AO3** ***Practice questions** to improve formative comprehension. **AO3**
Term 3 9 weeks	* Students leave to do external exams	

Business AS LEVEL - 6 lessons per week

	Topic/ SOW	Assessment
Term 1 16 weeks	Introduction to AS Business 1: Enterprise 2: Business Structure 3: Size of Business 4: Business Objectives 5: Stakeholders in Business 10: Human Resource Management (HRM) 11: Motivation 12: Management 17: Nature of Marketing 18: Market Research 19: Marketing Mix: Product & Price 20: Marketing Mix: Promotion & Place	Activities (Guided Self-Assessment) W/B ESQ (Semi-Guided Self/Peer/Teacher Formal Assessment) Textbook ESQ's (Independent Self/Peer/Teacher Formal Assessment) Summative Assessment • Revision of Topics • Response Practice • Unit 1: Business and its Environment (1-5) Summative Assessment • Revision of Topics • Response Practice • Unit 2: Human Resource Management (10-12) Summative Assessment • Revision of Topics • Response Practice • Unit 3: Marketing (17-20)
Term 2 12 weeks	23: Nature of Operations 24: Inventory Management 25: Capacity Utilisation & Outsourcing 29A: Business Finance 29B: Sources of Finance 30: Forecasting & Managing Cash Flows 31: Costs 32: Budgets Exam Preparation • Key Skills Exercises • Past Paper Questions Practice	Activities (Guided Self-Assessment) W/B ESQ (Semi-Guided Self/Peer/Teacher Formal Assessment) Textbook ESQ's (Independent Self/Peer/Teacher Formal Assessment) Summative Assessment • Revision of Topics • Response Practice • Unit 4: Operations Management (23-25) Summative Assessment • Revision of Topics • Response Practice • Unit 4: Operations Management (23-25)
Term 3 9 weeks	External Exams	

Chemistry AS LEVEL - 6 lessons per week - 2 classes for practical

CIE Chemistry Syllabus 9701 & Learner's guide

	Topic/ SOW	Assessment
Term 1 16 weeks	1. Atomic structure 2. Atoms molecules and stoichiometry 3. Chemical bonding 4. States of matter 5. Chemical energetics 6. Electrochemistry 7. Equilibria 8. Reaction kinetics 9. The Periodic Table: chemical periodicity 10. Group 2 11. Group 17 12 Nitrogen and sulfur 13. An introduction to AS level organic chemistry 14. Hydrocarbons 15. Halogen compounds 16. Hydroxy compounds 17. Carbonyl compounds	*__End of topic test__ to check summative understanding. *__Practice questions__ to improve formative comprehension.
Term 2 12 weeks	18. Carboxylic acids and derivatives 19. Nitrogen compounds 20. Polymerisation 21. Organic synthesis 22. Analytical techniques *Past paper practice	__*MOCK__ __*End of topic tests__ to check summative understanding.
Term 3 9 weeks	Students leave to do external exams.	

Computer Science - 6 lessons per week

	Topic/ SOW	Assessment
Term 1 16 weeks	Data Representation Hardware Software Development Communication Databases Algorithms and programming - ongoing throughout the year	Unit Tests based on past paper questions
Term 2 12 weeks	Processor Fundamentals System Software Data Security and Data Integrity Ethics and Ownership Algorithms and programming - ongoing throughout the year	Unit Tests based on past paper questions
Term 3 10 weeks	EXAMS	

Economics AS LEVEL - 6 lessons per week

	Topic/SOW	Assessment
Term 1 16 weeks	1.1: Scarcity, Choice and Opportunity Cost 1.2: Positive and Normative Statements 1.3: Factors of Production 1.4: Resource Allocation in different economic systems 1.5: PPC 1.6: Classification of goods and Services **Unit 1 summative assessment** 2.1: Demand and Supply curves 2.2: Price elasticity, income elasticity and cross elasticity of demand 2.3 Price elasticity of supply 2.4: The interaction of demand and supply 2.5: Consumer and Producer Surplus **Unit 2 summative assessment** 3.1: Reasons for government intervention in markets 3.2: Methods and effects of government intervention in markets 3.3: Addressing income and wealth inequality **Unit 3 summative assessment** 4.1: National income statistics 4.2: Introduction to the circular flow of income 4.3: Aggregate demand and aggregate supply analysis 4.4: Economic growth 4.5: Unemployment 4.6: Price stability **Unit 4 summative assessment**	Daily Review Methods: -MCQ & Structured Questions from past year papers, vocabulary review and discussion. - Whiteboard activities - Recall grids - Chapter review student-led “meetings” Additional Review Methods: FA: Open book test, Barter Economy game, discussion on videos and case studies FA: Case studies, debates, discussion on videos FA: Calculation of Income tax in Thailand activity FA: Laws of Economics Wall Activity FA: FA: Case study of Venezuela vs Japan FA: Exam question vocabulary term and command term review. SA: Unit tests 1,2,3,4 (Paper 1 and Paper 2 style questions)
Term 2 12 weeks	5.1: Government macroeconomic policy objectives 5.2: Fiscal policy 5.3: Monetary policy 5.4: Supply-side policy **Unit 5 summative assessment** 6.1: The reasons for international trade 6.2: Protectionism 6.3: Current account of the balance of payments 6.4: Exchange rates 6.5: Policies to correct imbalances in the current account of the balance of payments **Unit 6 summative assessment** Weeks 9-12: Revision and past paper practice	Daily Review Methods: MCQ & Structured Questions from past year papers, vocabulary review and discussion. FA: Discussion and debate on USA China Trade War, Trump Tariffs News analysis and discussion FA: Exam question vocabulary term and command term review.
Term 3 9 weeks	EXAMS	

English Language AS LEVEL - 6 lessons per week

	Topic / SOW	Assessment
Term 1 16 weeks	**Paper 1 -** Revise how to annotate an unseen text. Revise reading / language analysis skills that overlap from IGCSE First language: **PEE / PEEL / PETAL paragraphs; QME paragraphs; comparing non-fiction texts / comparison paragraphs; synthesising information contained in unseen texts via your own continuous prose (P1 Q3); Evaluative Writing (P2).** -Introduce new 'A-Level standard' linguistic and structural techniques. graphological organisation, etc. -Perform brief overview of full Paper 1 -Introduce textbook, syllabus, student guide, essential exam rubric, relevant AOs for Paper 1 (particularly AO1 & AO3 this term, as focus is Q2) & CIE's stated aims / changes to previous spec. -Read, understand, annotate and analyse historic exemplar candidate responses at a variety of levels. -Use the above responses to create and continuously add to a bank of phrases which students can use to build coherent, perceptive points. -Introduce and practise the 'triangle method' for P1 Q2. -Continuous practice of P1 Q2 using a variety of methods. **Paper 2** - Review styles of writing that overlap from IGCSE 1st Language Examination, such as news stories, articles, reviews, letters, diaries, scripted speech, narrative writing, and descriptive writing (Q1a - 2-4), ; -explore characteristics of and practise writing blogs, brochures, leaflets, reviews, advertisements, for Questions 1a and 2-4; -define CIE's expectations of language, form and structure in regards to reflective commentaries (Q1b); -explore structure of and practise composing reflective commentaries (Q1b); -using techniques discussed over the year, compose extended writing pieces (Q2 - 4).	**Paper 1**: AS Assessments Marked with CIE mark schemes. **Paper 2**: Assessments marked with CIE Mark Schemes
Term 2 12 weeks	**Paper 1 -** Switch focus to Question 1. Revise / study writing styles not covered with Paul by this stage (some writing is needed for Question 1a). -Read, understand, annotate and analyse historic exemplar candidate responses at a variety of levels (Questions 1a & 1b). -Continuous practice of Question 1a, using a variety of methods. -Revise / develop strategies for comparing two non-fiction texts. -Continuous practice of Question 1b, using a variety of methods. **Paper 2** - Continue introducing and analysing styles of writing required by the examination, including editorials, investigative journalism, podcasts, (auto)biographies, travel writing, and essays (Q1a - 2-4); -hone skills for constructing reflective commentaries (Q1b); -analyse and improve exemplar candidate responses to each examination question.	**Paper1**: AS Assessments Marked with CIE mark schemes **Paper 2**: Assessments marked with CIE Mark Schemes Full mock exam, P1 & P2
Term 3 9 Weeks	Revision and final examinations	

IT AS LEVEL - 6 lessons per week

	Topic/ SOW			Assessment
Term 1 16 weeks	**Theory** Data processing and information Hardware and software Algorithms and flowcharts	**Practical** Spreadsheets Modelling Intro to databases	**Practical** Audio editing Video editing	Unit Tests based on past paper questions
Term 2 12 weeks	**Theory** Monitoring and control systems eSecurity The digital divide Expert systems	**Practical** Databases File and data management	**Practical** Practical exam practice	Unit Tests based on past paper questions
Term 3 9 weeks	EXAMS			

Mathematics AS LEVEL - 6 lessons per week

	Topic/ SOW		Assessment
	1st half of term	2nd half of term	
Term 1 16 Weeks	• Solving Quadratic equations by factorisation • Completing the square • Quadratic Formula • Solving simultaneous equations • Maximum and minimum values of functions • Solving quadratic inequalities • The number of roots of a quadratic • Intersection of a line and a quadratic equation • Intersection of a line and a quadratic curve • Define a function • Calculate composite and inverse functions and be able to draw their corresponding graphs • Transformations of functions including stretches, reflections, translations • Calculate the length of a line segment and midpoint • Find parallel and perpendicular lines and equations of straight lines • Find the equation of a circles • Use radians to calculate arc length and sector area • Problem solving involving circular measure • Calculate angles between zero and ninety degrees • Find trigonometric ratios of general angles • Graphs of trigonometric functions and their inverse • Trigonometric equations	• Find derivatives and gradient functions • Use the chain rule • Find tangents and normal to curves at a point • Find second derivatives • Find out whether a function is an increasing or a decreasing function • Find stationary points • Practical maximum and minimum problems • Calculate rates of change • Integration as the reverse of differentiation • Finding the constant of integration • Integration using the reverse of the chain rule • Definite integration • Area under a curve • Area bounded by two curves or a line and a curve • Improper integrals • Volumes of revolution • Identifying different types of data and how to represent them (histograms, cumulative frequency diagrams, stem and leaf) • Compare different representations of data • Find the mode, modal class, mean and median	Formative and summative assessments during every unit.

	• Binomial expansion and finding binomial co-efficients • Arithmetic and geometric progression • Infinite geometric series (The assessment objectives above pertain to chapters 1-6 of the Pure 1 textbook)	(The assessment objectives above pertain to chapters 7-9 of the Pure 1 textbook and Chapters 1-2 of the Statistics 1 textbook)	
Term 2 12 Weeks	• Calculate the range, interquartile range and percentiles • Calculate the variance and standard deviation • Calculate the probability of experiments, events and outcomes • Mutually exclusive events and the addition law • Independent events and the multiplication law • Conditional probability • Dependent events and conditional probability • The factorial function • Permutations and combinations • Discrete random variables • Probability distributions • Expectation and variance of a discrete random variable • The binomial distribution • The geometric distribution • The normal distribution • Approximating the binomial distribution using a normal distribution (The assessment objectives above pertain to chapters 3-8 of the Statistics textbook)	• Exam preparation and revision sessions as directed by students • A full mock is to be completed covering both papers and assessing all topic areas with feedback given	Formative and summative assessments during every unit.

Term 3 9 Weeks	• Exam preparation as dictated by students	End of year summative assessment covering all AOs.

PE CORE - 2 lessons per week

	Topic/ SOW	Assessment
Term 1 16 weeks	Athletics and health and fitness rotation (once a week) Games activities (Football/basketball) rotation (once a week) Net and wall rotations (Volleyball, Badminton and Pickleball) (once a week) Focus on play, fun and enjoyment, inclusion	Effort only
Term 2 12 weeks	Student Choice (Teacher varies choices)	Effort only
Term 3 9 weeks	N/A - Study Leave	N/A

Physics AS LEVEL - 6 lessons per week

	Topic/ SOW	Assessment
Term 1 16 weeks	Physical Quantities Kinematics Dynamics Forces, density and pressure Work, Energy, Power Deformation of Solids	worksheet questions (AO 1-2), quizzes (AO 1-2), lab work (AO 1-3), unit tests (AO 1-2) and final exam (AO 1-2)
Term 2 12 weeks	Waves Superposition Electricity D.C Circuits Particle Physics	worksheet questions (AO 1-2), quizzes (AO 1-2), lab work (AO 1-3), unit tests (AO 1-2) and final exam (AO 1-2)
Term 3 9 weeks	Exams / A-level preparation	

Psychology AS LEVEL - 6 lessons per week

	Topic/ SOW	Assessment
Term 1 16 weeks	Research Methods Research Methods and Data Handling - 6 weeks Issues, Debates and Approaches The Social Approach - 5 weeks The Cognitive Approach - 5	Formative and summative assessments during every unit.
Term 2 12 weeks	Research Methods Research Methods Recap - 1 week Issues, Debates and Approaches The Learning Approach- 6 weeks The Biological Approach - 5 weeks	Formative and summative assessments during every unit.
Term 3 9 weeks	Research Methods Research Methods Recap - 1 week Issues, Debates and Approaches Debates - 1 week Revision until off schedule.	End of year summative assessment covering all AOs.

Year 12 - Curriculum Overview 2025