

Year 12 Assessments
Monday 12th May to Friday 23rd May

Subject	Summary of Exam (Type/length)	Topic content
Art and Design	Monday 19 th May (TBC) 1 day (5 hours)	Produce a personal response to a self-selected theme. It must include evidence of the student's ability to research and develop ideas and relate their work in meaningful ways to relevant critical/contextual materials.
Business	<p style="text-align: center;">Paper 1 Multiple Choice, short and long written responses up to 16 marks.</p> <p style="text-align: center;">Paper 2 Calculations, short and long written responses up to 20 marks based on a case study</p>	<p>Paper 1 topics What is business Types of ownership, Shares and Share prices</p> <p>Leadership Decision trees</p> <p>Marketing The Product Life Cycle, Market Share, Market Mapping, Pricing Decisions</p> <p>Operations Unit Costs, Inventory Control and Lead times</p> <p>Finance Break Even, Costs, Revenue, Profit, Cash Flow, Budgeting</p> <p>HR Delegation, Productivity, Motivation</p> <p>Paper 2 Topics What is business PESTLE</p> <p>Leadership Scientific Decision Making, The Role of Leaders and Managers</p> <p>Marketing Elasticity (PED and YED), Pricing Decisions</p> <p>Operations Capacity Utilisation</p> <p>Finance Cash Flow</p> <p>HR Retention and Turnover, Types of Contracts, Motivation</p>
Biology	<p style="text-align: center;">Paper 1 Breadth Paper</p> <p style="text-align: center;">90 minutes</p> <p style="text-align: center;">70 marks</p> <p style="text-align: center;">Shorter response questions</p> <p style="text-align: center;">Paper 2 Depth Paper</p> <p style="text-align: center;">90 minutes</p>	Both papers cover Chapter 1 to Chapter 12 from the year 12 curriculum.

	70 marks Longer response questions	
Chemistry	<p>Paper 1 Core Inorganic and Physical Chemistry</p> <p>90 minutes</p> <p>Paper 2 Core Organic and Physical Chemistry</p> <p>90 minutes</p>	<p>Paper 1 topics</p> <p>Topic 1 Atomic Structure and the Periodic Table</p> <p>Topic 2 Bonding and Structure</p> <p>Topic 3 Redox I</p> <p>Topic 4 Inorganic Chemistry and the Periodic Table</p> <p>Topic 5 Formulae, Equations and Amounts of Substance</p> <p>Paper 2 Topics</p> <p>Topic 2 Bonding and Structure</p> <p>Topic 5 Formulae, Equations and Amounts of Substance</p> <p>Topic 6 Organic Chemistry I</p> <p>Topic 7 Modern Analytical Techniques I</p> <p>Topic 8 Energetics I</p> <p>Topic 9 Kinetics I</p> <p>Topic 10 Equilibrium I</p>
Computer Science	<p>1 Paper 90 minutes</p> <p>Wednesday 21st May Period 1 and 2</p>	<p>Topics to revise</p> <ul style="list-style-type: none"> • Boolean Algebra • Elements of Computational Thinking • Problem solving and programming • Algorithms including search and sort • OO Programming • Floating binary • Web technology HTML, CSS and JavaScript • Little Man Computer • System Architecture • Relational Database and SQL
English Literature	<p>Paper 3 Post 2000 Poetry</p> <p>1 hour 15 minutes</p> <p>12A</p>	<p>You need to revise all Year 12 poems studied and will compare one of these with an unseen poem. You will have a choice of 2 questions – any poems could be named out of:</p> <ul style="list-style-type: none"> • To My Nine Year Old Self • An Easy Passage • Material

	<p>Wednesday 14th May Period 1 and Period 2</p> <p>12D</p> <p>Thursday 15th May Period 1 and Period 2</p>	<ul style="list-style-type: none"> • Eat Me • The Gun • Chainsaw vs the Pampas Grass • Effects • The Lammas Hireling • Giuseppe • The Deliverer
Economics	<p>Paper 1 Microeconomics</p> <p>Theme 1 Content 1 hour 20 minutes</p> <p>Paper 2 Macroeconomics</p> <p>Theme 2 Content 1 hour 20 minutes</p>	<p>Paper 1 Topics</p> <ul style="list-style-type: none"> • Nature of Economics (taught by Mr Sarcevic) • Supply and demand • Price determination - consumer/producer surplus • Elasticity – PED YED CPED • Consumer spending/producer income • Interrelationships between markets • Market Failure – Externalities, Public Goods <p>Paper 2 Topics:</p> <ul style="list-style-type: none"> • AS/AD • Balance of Payments • Economics Growth • Index Numbers • Inflation • Investment • Measures of Economic Performance • Monetary Policy • Supply Side Policies
French	<p>Paper 3</p> <p>Speaking</p> <p>20 minutes</p> <p>Thursday 8th May Period 1 and Period 2</p> <p>Paper 1 Listening, Reading and Translation</p> <p>2 hours</p>	<p>Topics for speaking</p> <p>Unit 1 – les changements dans les structures familiales</p> <p>Unit 2 – l'éducation</p> <p>Unit 3 – le monde du travail</p> <p>Unit 6 - les festivals</p>
Geography	<p>Paper 1 Hazards</p> <p>90 minutes</p> <p>Paper 2 Contemporary Urban Environments</p> <p>90 minutes</p>	<p>Paper 1: Hazards</p> <ul style="list-style-type: none"> • The concept of hazard in a geographical context • Plate tectonics • Volcanic hazards • Seismic hazards • Storm hazards • Fires in nature • Case studies (multi hazardous environment beyond the UK and a local scale) <p>Paper 2: Contemporary Urban Environments</p> <ul style="list-style-type: none"> • Urbanisation • Urban forms • Social and economic issues associated with urbanisation • Urban climate • Urban drainage

		<ul style="list-style-type: none"> • Urban waste and its disposal • Other contemporary urban issues • Sustainable Urban development
History	<p>Paper 2 Making of Modern Britain, 1951-1979</p> <p>90 minutes Question 1 2 sources worth 20 marks</p> <p>Question 2 & 3 Choose one essay to complete worth 25 marks</p> <p>Spend 45 minutes on each question</p> <p>Paper 1 The Making of a Superpower (1K)</p> <p>Question 1 3 Extracts (30 marks)</p> <p>Question 2 &3 One essay question</p>	<p>Paper 2:</p> <ul style="list-style-type: none"> • Foreign relations, 1951-1964 • Wilson and the Labour governments, 1964-1970 • Social and cultural change, 1964-1970 • Heath's government, 1970-1974 • Labour Governments of Wilson and Callaghan • Foreign Policy 1970-1979 <p>Revision resources on Class Charts</p> <ul style="list-style-type: none"> • US foreign policy 1865 – 1920 • US economic growth post Civil War • American West – the experience of settlers and conflicts between groups • Republican and Democrats – differences, divisions and popular support 1890 – 1912
Law	<p>Paper 1 English Legal System and Criminal Law</p> <p>90 minutes</p> <p>Paper 2 Law Making</p> <p>30 minutes</p>	<p>Paper 1 Legal System Topics</p> <ul style="list-style-type: none"> • Civil Courts and ADR • Criminal Courts • Legal Personnel • Access to Justice <p>Criminal Law Topics</p> <ul style="list-style-type: none"> • Elements of a Crime • Fatal Offences • Non-fatal offences inc evaluation • Property Offences <p>Paper 2 Law Making</p> <ul style="list-style-type: none"> • The legislative process • Delegated Legislation • Statutory interpretation • Judicial Precedent • Law reform • EU Law
Mathematics	<p>Paper 1 Pure and Mechanics</p> <p>90 minutes</p> <p>Friday 16th May</p>	<p>Pure content (both papers) Problem Solving, Surds and Indices, Quadratic Functions, Equations and Inequalities, Coordinate Geometry, Trigonometry, Polynomials, Graphs and Transformations, Binomial Expansion, Differentiation, Integration, Vectors, Exponentials and Logarithms.</p>

	<p>Paper 2 Pure and Statistics</p> <p>90 minutes</p> <p>Friday 23rd May</p>	<p>Mechanics content (paper 1 only) Kinematics, Forces and Newton's Law of Motion, Variable Acceleration.</p> <p>Statistics content (paper 2 only) Data Collection, Data Processing, Presentation and Interpolation, Probability, Binomial Distribution, Statistical Hypothesis Testing</p>
Media Studies	<p>Condensed Component 1 Paper</p> <p>Section A 30-mark representation question comparing an unseen text and a set text</p> <p>Section B Stepped questions on media industries and media audiences</p>	<p>You should revise and prepare all of the Component One texts you have studied so far:</p> <ul style="list-style-type: none"> • Music videos (Turntables & 17 Going Under) • Advertising (Tide & Superhuman) • Video Games (Assassin's Creed) • Radio (George's Podcast) • Film industry only (I, Daniel Blake & Black Panther)
PE	<p>Paper 1 H555/01 Physiological factors affecting performance</p> <p>2 x 60 minute papers</p> <p>Tuesday 13th May Wednesday 14th May</p> <p>Paper 2 H555/02 Psychological factors affecting performance</p> <p>60 minutes</p> <p>Thursday 22nd May</p> <p>Paper 3 H555/03 Socio-cultural issues in physical activity and sport</p> <p>60 minutes</p> <p>Tuesday 20th May</p>	<p>Paper 1</p> <ul style="list-style-type: none"> • Components of Diet and Energy Expenditure • Conduction System & Cardiac Cycle • Planes of movement • Energy Systems: ATP-PC, Aerobic • Definitions/Values: Heart Rate, Stroke Volume, Cardiac Output • Definitions/Values: Breathing Frequency, Tidal Volume, Minute Ventilation • Venous Return • Vascular Shunt & Neural Control • Heart Rate & Neural Control • Leavers - examples, mechanical advantage, mechanical disadvantage • Movement Analysis: Shoulder • Mechanics of Breathing - know Diaphragm, External Intercostal Muscles, Sternocleidomastoid and Internal Intercostal Muscles • Recovery • Ergogenic Aids: Glycogen Loading, EPO, HGH • Altitude & acclimatisation • Exercise in the heat • Motor Unit • Gaseous Exchange and Oxygen dissociation (why larger volumes of O₂ leave the blood during exercise) <p>Paper 2 – Skill Acquisition</p> <ul style="list-style-type: none"> • Classification of skills • Types and methods of practice • Transfer of skills • Principles and theories of learning • Stages of learning • Guidance • Feedback • Memory models <p>Paper 3 How the following factors shaped the characteristics and participation of sport.</p>

		<p>Factors: Social Class, Gender, Law & Order, Education/Literacy, Time, Money and Transport.</p> <ul style="list-style-type: none"> - Pre-industrial Britain - Post-industrial 1850- Britain - 20th Century (including professionalism & amateurism) - 21st Century (Including globalisation of sport) <p>Influence of Public Schools on;</p> <ul style="list-style-type: none"> - The promotion and organisation of sport and games - The promotion of ethics through sports and games - The cult of athleticism - The spread and export of games <p>The modern Olympic Games</p> <ul style="list-style-type: none"> - Background and aims (1896) - Political exploitation <p>Hosting Global Sporting events</p> <ul style="list-style-type: none"> - Positive and negative impacts on a host city or country in the following areas: - Sporting, social, economic, political
<p>Philosophy and Ethics</p>	<p style="text-align: center;">Paper 1 Philosophy and Christianity.</p> <p style="text-align: center;">Question 1 Philosophy Question</p> <p style="text-align: center;">Students have a choice of question from themes 1 and 2</p> <p style="text-align: center;">Section A = 20 MARKS SECTION B = 30 MARKS</p> <p style="text-align: center;">Question 2 Christianity Question</p> <p style="text-align: center;">Students have a choice of question from theme 2</p> <p style="text-align: center;">Section A ONLY = 20 MARKS</p> <p style="text-align: center;">Paper 1 Ethics and Christianity</p> <p style="text-align: center;">Question 1 Ethics Question</p> <p style="text-align: center;">Students have a choice of question from themes 2 and 4</p> <p style="text-align: center;">Section A = 20 MARKS SECTION B = 30 MARKS</p> <p style="text-align: center;">Question 2 Christianity Question</p>	<p>Philosophy THEME 1</p> <ul style="list-style-type: none"> • Inductive arguments – cosmological: • Inductive arguments – teleological: • Challenges to inductive arguments: • Deductive arguments - origins of the ontological argument • Deductive arguments - developments of the ontological argument: • Challenges to the ontological argument: <p>THEME 2</p> <ul style="list-style-type: none"> • The problem of evil and suffering: • Religious responses to the problem of evil • Religious belief as a product of the human mind – Sigmund Freud: • Religious belief as a product of the human mind – Carl Jung: • Atheism: <p>Christianity</p> <ul style="list-style-type: none"> • Religious concepts – the nature of God: • Religious concepts – the Trinity: • Religious concepts – the Atonement: <p>Ethics THEME 2</p> <ul style="list-style-type: none"> • St Thomas Aquinas’ Natural Law - laws and precepts as the basis of morality: • Aquinas’ Natural Law - the role of virtues and goods in supporting moral behaviour: <p>THEME 3</p> <ul style="list-style-type: none"> • Joseph Fletcher’s Situation Ethics - his rejection of other forms of ethics and his acceptance of agape as the basis of morality:

	<p>Students have a choice of question from theme 1</p> <p>Section A ONLY = 20 MARKS</p>	<ul style="list-style-type: none"> Fletcher's Situation Ethics - the principles as a means of assessing morality: Classical Utilitarianism - Jeremy Bentham's Act Utilitarianism: happiness as the basis of morality: John Stuart Mill's development of Utilitarianism: types of pleasure, the harm principle and the use of rules: <p>Christianity</p> <ul style="list-style-type: none"> Jesus – his birth: Jesus – his resurrection: The Bible as a source of wisdom and authority:
Physics	<p>Paper 1 Written exam</p> <p>1 hour 30 minutes</p> <p>70 marks of short and long answer questions from all areas of Y12 content</p> <p>Paper 2 Written exam</p> <p>1 hour 30 minutes</p> <p>Section A 20 marks of short and long answer questions on practical skills and data analysis</p> <p>Section B 20 marks of short and long answer questions from across all areas of Y12 content</p> <p>Section C 30 multiple choice questions</p>	<p>Topics Assessed on both papers:</p> <ul style="list-style-type: none"> Particles and radiation Waves Mechanics Materials Electricity
Psychology	<p>Paper 1 Foundations in Psychology</p> <p>1 hour 30 minutes</p> <p>70 marks</p> <p>Must bring calculators</p>	<ul style="list-style-type: none"> Social Cognitive Biopsychology <p>Detailed checklists have been given to students</p>
Sociology	<p>Paper 1 Education with Methods in Context</p> <p>Paper 2 Families and Households</p> <p>Each paper is 1 hour 30 minutes - both worth 60 marks</p>	<p>Detailed checklists have been given to students for both these papers</p>