



Thursday 20th October 2022

Dear Parents/Guardians,

Re: Year 13 Mock examinations

The Mock Examination period for Year 11 students will take place between 14th and 25th November. Unless otherwise indicated on the timetable, all written papers will take place in the Sports Hall under full exam conditions. This is to enable students to gain valuable experience of the environment they will be in when taking their formal external examinations next summer. The only exception will be for Art and Photography, these practical sessions will take place in January and the date confirmed nearer the time.

The timetable for the Mock Exams accompanies this letter. Students can also view their own exam timetable under the "Exams Tab" in Edulink. When students are not sitting a paper, they will be in their normal lessons where they will revise for upcoming exams, so it is important that students bring their own revision materials into school during this period.

To aid students' revision over the coming weeks a list of the topics that will be assessed in each of the subjects is attached. The Learning Leaders for each subject will also communicate the areas of study that will be covered in their respective exams in lessons.

It is important that these Mock Exams are taken seriously. They act as they act as an excellent opportunity to get used to the experience of sitting a formal exam whilst also enhancing subject specific knowledge and skills in the lead up to the external exams in the summer. The exams will also give the teachers and students a really clear picture of their strengths and areas of development in each subject, which will help provide a clear platform from which preparation for the Summer 2023 exams can begin.

Yours sincerely,

Mr A Shields
Deputy Head teacher

MOCK EXAMINATION TIMETABLE Year 13– Autumn 2022

	09:00	12:15
Monday 14 th Nov	Y13 Psychology (2hr)	Y13 Biology Paper 1 (2hr 15)
Tuesday 15 th Nov	Y13 Further Maths Paper 1 (1hr 30)	Y13 Geography Paper 1 (2hr 15)
Wednesday 16 th Nov	Y13 Spanish Writing Paper 2 (2hr)	Y13 Physics Paper 1 (2hr 15)
Thursday 17 th Nov	Y13 PE Paper (2hr) Y13 Chemistry Paper 1 (2hr 15)	Y13 Philosophy Paper 1 (3hr) Y13 Further Maths Paper 2 (1hr 30) Y13 English Lit Paper 1 (2hr 15)
Friday 18 th Nov		Y13 Biology Paper 2 (2hr 15) Y13 Physics Paper 2 (2hr 15)

	09:00	12:15
Monday 21 st Nov	Y13 History Paper 1 (2hr 15) Y13 Media Paper 2 (1hr 45) <i>Students studying Media and History will sit the Media exam in afternoon.</i>	Y13 Theatre Studies (3hr) Y13 Chemistry Paper 2 (2hr 15) Y13 BTEC Sport (3hr) Y13 Maths Paper 1 (2hr) <i>Students studying Chemistry and Maths will sit the Maths exam in the morning.</i>
Tuesday 22 nd Nov	Y13 Business Studies (1hr)	Sixth Form Event
Wednesday 23 rd Nov	Y13 Health and Social Care (1hr 30) Y13 Geography Paper 2 (2hr 15) Y13 Media Studies (2hr 15) (in F5)	Y13 Spanish Listening, Reading and Writing (2hr 30) (in class/computer room) Y13 BTEC Business (1hr) Y13 Chemistry Paper 3 (1hr 30)
Thursday 24 th Nov	Y13 History Paper 2 (1hr 30) Y13 Physics Paper 3 (1hr 30) <i>Students studying History and Physics will sit the Physics exam in the afternoon.</i>	Y13 Philosophy Paper 2 (1hr 30) Y13 English Lit Paper 2 (2hr 15)
Friday 25 th Nov	Y13 Maths Paper 2 (45mins)	Y13 History Paper 3 (1hr 30) Y13 Biology Paper 3 (1hr 30) <i>Students studying History and Biology will sit the Biology exam in the morning.</i>

Students studying Art/Photography will sit a practical exam in January, date to be confirmed.

Year 13 topics - November 2022 Mock examinations

Subject	Topics due to be assessed
Art A level	To be confirmed- the mock exam will take place in January 2023
Biology A level	All of the topics studied during the course to date. Three papers will be sat: <ul style="list-style-type: none"> • Biological Processes paper • Biological Diversity paper • Unified paper
Business A level	All of the topics included in Themes 3 & 4
Business BTEC	All of the topics included in Unit 3
Chemistry A level	Topics which will be assessed across all three papers are: <ul style="list-style-type: none"> • C2 – Atoms, ions and compounds • C3 – Amount of substance • C4 – acids and redox • C5 – electrons and bonding • C6 – Shapes of molecules and intermolecular forces • C7 – Periodicity • C8 – Reactivity trends • C9 – Enthalpy • C10 – Reaction rates and equilibrium • C11 – Basic concepts of organic chemistry • C12 – Alkanes • C13 – Alkenes • C14 – Alcohols • C15 – Haloalkanes • C16 – Organic synthesis • C17 – Spectroscopy • C18 – Rates of reaction • C19 – Equilibrium • C20 – Acids, bases and pH • C21 – Buffers and neutralisation • C22 – Enthalpy and entropy • C23 – Redox and electrode potentials • C24 – Transition elements • C25 – Aromatic chemistry •
Drama A level	Drama and Theatre Component
English Literature A level	A Level Edexcel Literature Paper 1: Drama - Othello and A Streetcar Named Desire A Level Edexcel Literature Paper 3: Poetry - Forwards Poems of the Decade and Rossetti
Further Maths A level	Paper 1 – Decision Mathematics D1 curriculum. <ul style="list-style-type: none"> • Algorithms, Graphs and networks, Algorithms on graphs, Route inspection, The travelling salesperson problem, Linear programming, The simplex algorithm, Critical path analysis. <p>Paper 2 – Core Pure Mathematics</p> <ul style="list-style-type: none"> • AS Curriculum Plus Complex Numbers from Y13 Curriculum.

	<ul style="list-style-type: none"> Complex numbers, Argand diagrams, Series, Roots of polynomials, Volumes of revolution, Matrices, Linear transformations, Proof by induction, Vectors.
Geography A level	<p>Paper 1 – Physical paper:</p> <ul style="list-style-type: none"> Tectonics and Hazards Landscapes systems, processes and change = Coasts <p>Paper 2</p> <ul style="list-style-type: none"> Globalisation/Superpowers Shaping places - Regenerating Places Global development and connections - Health, Human Rights and Intervention
Health & Social Care BTEC	<ul style="list-style-type: none"> A1 The roles of people who work in health and social care settings A2 The responsibilities of people who work in health and social care settings A3 Specific responsibilities of people who work in health and social care settings A4 Multidisciplinary working in the health and social care sector A5 Monitoring the work of people in health and social care settings B1 The roles of organisations in providing health and social care services B2 Issues that affect access to services B3 Ways organisations represent interests of service users
History A level	<p>Paper 1 - USA</p> <ul style="list-style-type: none"> Living standards Changes to presidency Civil Rights Women Reagan presidency <p>Paper 2- South Africa</p> <ul style="list-style-type: none"> National Party 1948-1960 and National Party 1970-1990 South Africa withdrawing from Commonwealth <p>Paper 3- Experience of Warfare</p> <ul style="list-style-type: none"> Crimean War – Winter of 1854 Wellington's leadership in Peninsular war and at Waterloo French wars and economy
Maths A level	<p>Paper 1 - Pure Mathematics Paper</p> <ul style="list-style-type: none"> Y12 pure mathematics content plus the topics of Algebraic Methods, Functions and Graphs, Sequences and Series, Binomial Expansion, Radians and Trigonometric Functions from Y13 curriculum (First 6/7 chapters). <p>Paper 2 – Statistics</p> <ul style="list-style-type: none"> Y12 Statistics Curriculum Plus Regression and Probability topics from the 13 curriculum.
Media Studies A level	<p>Component 1:</p> <ul style="list-style-type: none"> Media language- Music videos- unseen Representation – Film poster and unseen comparison Industries- Newspapers Audience- Water Aid <p>Component 2:</p> <ul style="list-style-type: none"> Section A: TV- The Bridge- 15 mark

	<ul style="list-style-type: none"> • Section B: Magazine- Vogue - 15 mark • Section C: Online- Attitude -15 mark
PE A level	<p>Section A: Applied anatomy and physiology</p> <p>Section B: Skill acquisition</p> <p>Section C: Sport and society</p>
Philosophy A level	<p>Paper One: Epistemology</p> <p>What is knowledge?</p> <ul style="list-style-type: none"> • JTB and its reforms • Gettier Counter examples • Infallibilism • No False Lemmas • Reliabilism • Virtue Epistemology <p>Perception as a source of knowledge</p> <ul style="list-style-type: none"> • Direct Realism • Indirect Realism • Idealism <p>Reason as a source of knowledge</p> <ul style="list-style-type: none"> • Innatism • The Intuition and Deduction Thesis • The limits of knowledge <p>Moral Philosophy</p> <ul style="list-style-type: none"> • Utilitarianism • Applying utilitarianism • Kantian ethics • Applying Kantian Ethics • Aristotelian Ethics • Applying Aristotelian ethics • Metaethics • Applying metaethics <p>Paper Two: Metaphysics of God</p> <p>Characteristics of God</p> <ul style="list-style-type: none"> • Paradox of the stone • Euthyphro dilemma • Free Will Challenge • ET Simultaneity <p>Ontological Arguments</p> <ul style="list-style-type: none"> • Anslem • Descartes • Malcolm • Empirical Challenges <p>Teleological Arguments</p> <ul style="list-style-type: none"> • Aquinas • Hume • Paley • Swinburne • Hume and Russell's critiques • Kant, Darwin and Dawkins's objections
Photography A level	To be confirmed- the mock exam will take place in January 2023
Physics A level	<ul style="list-style-type: none"> • Module 1, Module 2, Module 3 and Module 4 from AS. • Module 6 capacitance, electric fields and magnetic fields. • Module 5: Thermal physics, Ideal gases, circular motion.
Psychology A level	<ul style="list-style-type: none"> • Cognitive Psychology

	<ul style="list-style-type: none"> • Learning theories • Research Methods • Clinical Psychology
Spanish A level	<ul style="list-style-type: none"> • Traditional values • Cyberspace • Equality • Influence of idols • Regional Identity • Cultural Heritage • Immigration • Racism • Coexistence • Young people and politics • Dictatorships and monarchies • Social movements
Sports BTEC	Unit 22: Business in Sport