

Year 13 Summer Assessments:

INFORMATION FOR STUDENTS AND PARENTS

Assessment Timetable:

| Date | Day | Morning Session | Afternoon Session |
|------------|-----|---|---|
| 19/04/2021 | Mon | Law 1 Core Maths 1 AS Maths 1 | Geography 1 Biology 1 Sports Studies 1 |
| 20/04/2021 | Tue | Chemistry 1 AS Chemistry 1 Health and Social Care | Further Maths 1 English 1 |
| 21/04/2021 | Wed | Maths 1 Product Design 1 | Psychology 1 AS Psychology 1 Computer Science 1 |
| 22/04/2021 | Thu | Physics 1 Media Studies 1 Sociology 1 | Law 2 |
| 23/04/2021 | Fri | Psychology 2 AS Psychology 2 | Maths 2 |

(one week of normal lessons for revision)

| Date | Day | Morning Session | Afternoon Session |
|------------|-----|--|--|
| 03/05/2021 | Mon | Bank Holiday | |
| 04/05/2021 | Tue | Law 3 Further Maths 2 Core Maths 2 AS Maths 2 | Geography 2 Biology 2 Sports Studies 2 |
| 05/05/2021 | Wed | Chemistry 2 AS Chemistry 2 | Business 1 Further Maths 3 English 2 |
| 06/05/2021 | Thu | Maths 3 Product Design 2 | Psychology 3 Computer Science 2 |
| 07/05/2021 | Fri | Physics 2 Media Studies 2 Sociology 2 | Business 2 |

Subjects

Listed alphabetically

Art

Art will be assessed from coursework only. There are no summer assessments planned for this subject.

Biology

| Date | Summer Assessment Paper | Length | What to revise |
|-------------|--------------------------------|---------------|---|
| 19/4/21 | Biology | 2 hours | Practical skills, cell structure, biological molecules, nucleotides and nucleic acids, enzymes, biological membranes, cell division, diversity and organisation, exchange surfaces, transport in animals, transport in plants, communication and homeostasis, neuronal communication, hormonal communication, plant and animal responses, photosynthesis, respiration |
| 4/5/21 | Biology | 2 hours | Practical skills, cell structure, biological molecules, nucleotides and nucleic acids, enzymes, biological membranes, cell division, diversity and organisation, cellular control, patterns of inheritance, manipulating genomes, cloning and biotechnology, ecosystems, populations and sustainability |

Business

| Date | Summer Assessment Paper | Length | What to revise |
|--------|-------------------------|---------|---|
| 5/5/21 | Business 1 | 2 hours | Unit 1 What is business? Unit 3 Decision making to improve marketing performance Unit 4 Decision Making to improve operational performance |
| 7/5/21 | Business 2 | 2 hours | Unit 6, 7a and b Overall Unit 7a and 7b Analysing the strategic position of a business(internal factors); Analysing the strategic position of a business(external factors and strategic options); Unit 6 Decision Making to Improve human resources performance |

Chemistry

| Date | Summer Assessment Paper | Length | What to revise |
|---------|---|--------|--|
| 20/4/21 | Periodic Table, Elements and Physical Chemistry | 2hr | <p>Atomic Structure; Compounds, Formulae and Equations; Amounts of Substance; Acids; Redox; Electron Structure; Bonding and Structure</p> <p>Periodicity; Group 2; Halogens; Qualitative Analysis; Enthalpy Changes; Reaction Rates; Chemical Equilibrium</p> <p>How Fast?; How Far; Acids, Bases and Buffers; Lattice Enthalpy; Enthalpy and Entropy; Transition Elements; Qualitative Analysis</p> |
| 5/5/21 | Synthesis and Analytical Techniques | 2hr | <p>Atomic Structure; Compounds, Formulae and Equations; Amounts of Substance; Acids; Redox; Electron Structure; Bonding and Structure;</p> <p>Basic Concepts of Organic Chemistry; Alkanes; Alkenes; Alcohols; Haloalkanes; Organic Synthesis; Analytical Techniques;</p> <p>Aromatic Compounds; Carbonyl Compounds; Carboxylic Acids and Esters; Amines; Amino Acids, Amides and Chirality; Polyesters and Polyamides; Carbon–Carbon Bond Formation; Organic Synthesis; Chromatography and Qualitative Analysis; Spectroscopy</p> |

AS Chemistry

| Date | Summer Assessment Paper | Length | What to revise |
|---------|-------------------------|------------|---|
| 20/4/21 | Breadth in Chemistry | 1hr 30mins | <p>TOPIC 2: 2.1.1 Atomic Structure; 2.1.2. Compounds, Formulae and Equations; 2.1.3 Amounts of Substance; 2.1.4 Acids; 2.1.5 Redox; 2.2.1 Electron Structure; 2.2.2. Bonding and Structure</p> <p>Topic 3: 3.1.1 Periodicity; 3.1.2 Group 2; 2.1.3 Halogens; 3.1.4 Qualitative Analysis; 3.2.1 Enthalpy Changes; 3.2.2 Reaction Rates; 3.2.3 Chemical Equilibrium</p> <p>TOPIC 4: 4.1.1 Basic Concepts of Organic Chemistry; 4.1.2 Alkanes; 4.1.3 Alkenes; 4.2.1 Alcohols; 4.2.2 Haloalkanes; 4.2.3 Organic Synthesis; 4.2.4 Analytical Techniques</p> |
| 5/5/21 | Depth in Chemistry | 1hr 30mins | <p>TOPIC 2: 2.1.1 Atomic Structure; 2.1.2. Compounds, Formulae and Equations; 2.1.3 Amounts of Substance; 2.1.4 Acids; 2.1.5 Redox; 2.2.1 Electron Structure; 2.2.2. Bonding and Structure</p> <p>Topic 3: 3.1.1 Periodicity; 3.1.2 Group 2; 2.1.3 Halogens; 3.1.4 Qualitative Analysis; 3.2.1 Enthalpy Changes; 3.2.2 Reaction Rates; 3.2.3 Chemical Equilibrium</p> <p>TOPIC 4: 4.1.1 Basic Concepts of Organic Chemistry; 4.1.2 Alkanes; 4.1.3 Alkenes; 4.2.1 Alcohols; 4.2.2 Haloalkanes; 4.2.3 Organic Synthesis; 4.2.4 Analytical Techniques</p> |

Computer Science

| Date | Summer Assessment Paper | Length | What to revise |
|---------|-------------------------|------------|--|
| 21/4/21 | Computing 1 | 75 minutes | 1.1.1 Structure and function of the processor 1.1.3 Input, output and storage 1.2.4 Types of Programming Language 1.3.1 Compression, Encryption and Hashing 1.3.2 Databases 1.4.1 Data Types 1.4.2 Data Structures 1.4.3 Boolean Algebra 1.5.1 Computing related legislation 1.5.2 Moral and ethical Issues |
| 6/5/21 | Computing 2 | 75 minutes | 2.1.1 Thinking abstractly 2.1.2 Thinking ahead 2.1.3 Thinking procedurally 2.1.4 Thinking logically 2.2.1 Programming techniques 2.2.2 Computational methods 2.3.1 Algorithms- queues, trees, Big O |

English

| Date | Summer Assessment Paper | Length | What to revise |
|---------|---|----------------|---|
| 20/4/21 | Paper 2 Section A – Writing about society. The Great Gatsby. | 1 hour 30mins | The Great Gatsby, characterisation, themes and context. How to analyse your own linguistic choices. |
| 5/5/21 | Paper 2 Section B – Dramatic encounters – A Street Car Named Desire | 1 hour 30 mins | <ul style="list-style-type: none"> - Genre conventions (pre/post-Aristotelian conventions of tragedy and how these can be analysed within the play). - Context of Williams' life and the relationship between this and the plot/characters. - The language levels that are most relevant to analysing dramatic dialogue (focus upon lexical techniques and some prosodic features: stress, intonation, rhythm etc.) - Conceptual analysis of the significance of the central plot events. |

EPQ

EPQ will be assessed from coursework only. There are no summer assessments planned for this subject.

Geography

| Date | Summer Assessment Paper | Length | What to revise |
|-------------|--------------------------------|---------------|--|
| 19/4/21 | Paper 1 – Physical Geography | 2 hour | <p>Water and Carbon Cycles</p> <ul style="list-style-type: none">• Water and carbon cycles as natural systems• Water cycle• Carbon cycle• Water, carbon and life on Earth <p>Coasts</p> <ul style="list-style-type: none">• Coasts as a natural system• Systems and processes• Coastal landscape development• Coastal management |
| 4/5/21 | Paper 2 – Human Geography | 2 hour | <p>Changing Places</p> <ul style="list-style-type: none">• The nature and importance of places• Changing places – relationships, connections, meaning and representation• Place studies <p>Global Systems and Global Governance</p> <ul style="list-style-type: none">• Globalisation• Global systems• International trade and access to markets• Global governance• The global commons• Globalisation critique |

Health & Social Care

| Date | Summer Assessment Paper | Length | What to revise |
|-------------|-----------------------------------|---------------|--|
| 20/4/21 | Working in health and social care | 1 hr 30 | <p>Roles of people who work in a health and social care setting, Responsibilities of people who work in a health and social care setting, Providing equipment and adaptations to support people in being more independent, Providing personal care – including washing, toileting and feeding, Supporting routines of service users in the context of their day-to-day family life, education, employment and leisure activities, Assessment and care and support planning, involving service users and their families, Multi-disciplinary working in the health and social care sector, Monitoring the work of people in health and care settings, Roles of organisations in providing health and social care service, The range of settings that provide health and care services, Issues that affect access to services, Ways organisations represent the interests of service users, Roles of organisations that regulate and inspect health and social care services, The roles of the organisations which regulate or inspect health and care services, Responsibilities of Organisations towards People who Work in Health and Social Care Settings, People with specific needs, specific ages, working practise.</p> |

Law

| Date | Summer Assessment Paper | Length | What to revise |
|-------------|--------------------------------|---------------|--|
| 19/4/21 | Paper 1 – Criminal law | 1 hour | Criminal Law <ul style="list-style-type: none"> • Rules and theory • General elements of criminal liability • Fatal offences against the person • Non-fatal offences against the person • Offences against property • Mental capacity defences • General defences • Preliminary offences • Evaluation |
| 22/4/21 | Paper 2 - Law of tort | 1 hour | Law of Tort <ul style="list-style-type: none"> • Rules and theory • Liability in negligence • Occupiers liability • Torts connected to land • Vicarious liability • Defences • Remedies • Evaluation |
| 4/5/21 | Paper 3 – Further law | 1 hour | Law of Contract <ul style="list-style-type: none"> • Rules and theory • Formation • Terms • Vitiating factors • Discharge • Remedies • Evaluation |

Mathematics

| Date | Summer Assessment Paper | Length | What to revise |
|---------|-------------------------|-----------|--|
| 21/4/21 | Pure Paper 1 | 1.5 hours | Proof; Algebra and functions; Coordinate geometry in the (x, y) plane; Sequences and series; Trigonometry; Exponentials and logarithms; Differentiation; Integration; Numerical methods; Vectors |
| 23/4/21 | Pure Paper 2 | 1.5 hours | Statistical sampling; Data presentation and interpretation; Probability; Statistical distributions ; Statistical hypothesis testing |
| 6/5/21 | Statistics | 1 hour | |

Further Maths

| Date | Summer Assessment Paper | Length | What to revise |
|---------|-------------------------|-----------|---|
| 20/4/21 | Core Pure Paper 1 | 1.5 Hours | Proof; Complex numbers; Matrices; Further algebra and functions; Further calculus; Further vectors; Polar coordinates; Hyperbolic functions; Differential equations |
| 4/5/21 | Core Pure Paper 2 | 1.5 hours | |
| 5/5/21 | Further Mechanics | 1.5 hours | Momentum and impulse; Work, energy and power; Elastic strings and springs and elastic energy; Elastic collisions in one dimension; Elastic collisions in two dimensions |

AS Maths

| Date | Summer Assessment Paper | Length | What to revise |
|-------------|--------------------------------|---------------|---|
| 19/4/21 | Pure | 2 hours | Proof; Algebra and functions; Coordinate geometry in the (x, y) plane; Sequences and series; Trigonometry; Exponentials and logarithms; Differentiation; Integration; Vectors |
| 4/5/21 | Statistics | 45 minutes | Statistical sampling; Data presentation and interpretation; Probability ; Statistical distributions; Statistical hypothesis testing |

Core Maths

| Date | Summer Assessment Paper | Length | What to revise |
|-------------|--------------------------------|---------------|--|
| 19/4/21 | Paper 1 | 1.5 hours | Data; finance; estimation |
| 4/5/21 | Paper 2 | 1 hour | All content from above plus; normal distribution; probability and estimation |

Media Studies

| Date | Summer Assessment Paper | Length | What to revise |
|-------------|--|----------------|--|
| 22/4/21 | Paper 1 Section A – unseen text – Media Language. Section B – Audiences & Industries. Late Night Women’s Hour I Daniel Blake | 1 hour 30 mins | The elements of Media Language. How Media Language is used to position audiences and build representations. The set texts LNWH & IDB The institutions which produce LNWH & IDB and how they are funded and regulated. The ways in which LNWH & IDB target audiences. The ways in which digital technology and contexts have impacted on LNWH & IDB Theories of representation, industry and audiences. How to construct analytical arguments with embedded evidence. |
| 7/5/21 | Paper 2 Section A – television in the Global Age – The Bridge Section B – Magazines. Woman & Adbusters | 1 hour 30 mins | The set texts The Bridge, Woman Magazine & Adbusters. How Media Language is used to position audiences and build representations within these texts. The institutions which produce these texts and how they are funded and regulated. The ways in which these texts target audiences. The ways in which digital technology and contexts have impacted on these texts Theories of representation, industry, audiences, identity and genre. How to construct analytical arguments with embedded evidence. |

AS Photography

Photography will be assessed from coursework only. There are no summer assessments planned for this subject.

Physics

| Date | Summer Assessment Paper | Length | What to revise |
|---------|-------------------------|---------|--|
| 22/4/21 | Paper 1 | 2 Hours | <p>Modules: 2, 3 and 5.</p> <p>Adding vectors, Resolving vectors, acceleration, Freefall and g, Projectile motion, Forces-Drag and terminal velocity, terminal velocity, Archimedes principle, conservation of energy, K.E and GPE, Spring Hooke's Law, Deforming materials, Young's Modulus, Impulse, Collision in 2D, Temperature, Specific heat capacity, Specific latent heat, Kinetic theory, Gas Laws, Boltzmann constant, Angular velocity and radian, Simple harmonic motion, Damping and driving, Resonance, Gravitational field strength for a point mass, Kepler's Laws, Satellites, GPE, Energy levels in atoms, Stellar luminosity, Astronomical distances, Hubble's Law, The Big-Bang Theory, Evolution of the universe.</p> |
| 7/5/21 | Paper 2 | 2 Hours | <p>Modules: 1, 4 and 6.</p> <p>Developmental practical skills in Physics, Moving charges, Kirchhoff's Laws, Mean drift velocity, P.D. and EMF, Resistance and resistivity, Thermistor, LDR, Internal Resistance, Potential Dividers, Reflection and Refraction, Polarisation, Refractive index, TIR, Interference, Young's Double slit, Harmonics, Photoelectric effect, Wave-particle duality, Capacitors in circuits, Discharging capacitors, uses of capacitors, Coulombs law, Electric potential and energy, EM induction, Faraday's Law and Lenz's Law, Transformers, The nucleus, beta decay, radioactive decay calculations, Binding Energy, Einstein's Mass and Energy equation, CAT Scans, PET Scans, Acoustic impedance, Doppler imaging (Ultrasound).</p> |

Product Design

| Date | Summer Assessment Paper | Length | What to revise |
|---------|-------------------------|--------|--|
| 21/4/21 | A level Product Design | 1 hr | <p>Design and Making Principles</p> <ul style="list-style-type: none"> • Materials & their applications • Performance characteristics of materials • Enhancement of materials • Forming, redistribution & addition processes. • The use of finishes • Modern & industrial scales of practice • Digital design & manufacture • The requirements for product design & development • Health & safety • Protecting designs & intellectual property • Design for manufacturing, maintenance, repair & disposal • Feasibility studies • Enterprise & marketing in the development of products • Design communication |
| 6/5/21 | A level Product Design | 1 hr | <p>Technical Principles</p> <ul style="list-style-type: none"> • Design methods & processes • Design theory • Technology & cultural changes • Design processes • Critical analysis & evaluation • Selecting appropriate tools, equipment & processes • Accuracy in design & manufacture • Responsible design • Design for manufacture & project management • National & international standards in product design |

Psychology

| Date | Summer Assessment Paper | Length | What to revise |
|---------|-------------------------|--------|---|
| 21/4/21 | Assessment 1 | 1 hour | Schizophrenia Relationships |
| 23/4/21 | Assessment 2 | 1 hour | Issues and Debates Forensic Psychology |
| 6/5/21 | Assessment 3 | 1 hour | Social Influence Memory |

AS Psychology

| Date | Summer Assessment Paper | Length | What to revise |
|---------|-------------------------|--------|-------------------------------|
| 21/4/21 | Assessment 1 | 1 hour | Social Influence Memory |
| 23/4/21 | Assessment 2 | 1 hour | Attachment Psychopathology |

Sports Studies (Cambridge Technical)

| Date | Summer Assessment Paper | Length | What to revise |
|---------|---|--------|--|
| 19/4/21 | Body systems and the effects of physical activity | 1hr 30 | LO1 Understand the skeletal system in relation to exercise and physical activity LO2 Understand the muscular system in relation to exercise and physical activity LO3 Understand the cardiovascular system in relation to exercise and physical activity LO4 Understand the respiratory system in relation to exercise and physical activity LO5 Understand the different energy systems in relation to exercise and physical activity |
| 4/5/21 | Sport organisation and development | 1hr | LO1 Understand how sport in the UK is organised LO2 Understand sports development LO3 Understand how the impact of sports development can be measured LO4 Understand sports development in practice |

Sociology

| Date | Summer Assessment Paper | Length | What to revise |
|---------|------------------------------|--------|---|
| 22/4/21 | Paper 1 - Beliefs in Society | 2 hour | <p>Beliefs in Society</p> <ul style="list-style-type: none"> • ideology, science and religion, including both Christian and non-Christian religious traditions • the relationship between social change and social stability, and religious beliefs, practices and organisations • religious organisations, including cults, sects, denominations, churches and New Age movements, and their relationship to religious and spiritual belief and practice • the relationship between different social groups and religious/spiritual organisations and movements, beliefs and practices • the significance of religion and religiosity in the contemporary world, including the nature and extent of secularisation in a global context, and globalisation and the spread of religions. |
| 7/5/21 | Paper 2 - Crime and deviance | 2 hour | <p>Crime and Deviance</p> <ul style="list-style-type: none"> • crime, deviance, social order and social control • the social distribution of crime and deviance by ethnicity, gender and social class, including recent patterns and trends in crime • globalisation and crime in contemporary society; the media and crime; green crime; human rights and state crimes • crime control, surveillance, prevention and punishment, victims, and the role of the criminal justice system and other agencies. |

Textiles

Textiles will be assessed from coursework only. There are no summer assessments planned for this subject.