

# Shenfield High School



## A Level Student Guide for Centre-Assessed Grades 2021

Please note: This is a document designed to inform students and parents on how centre-assessed grades are to be awarded in each subject. The information is based on current guidance and is therefore subject to change if the guidance changes. We will ensure that all amendments are communicated in a timely manner.

## Subject: Art and Design

### Endorsements: Fine Art and Textiles

#### How will I be assessed for my Centre-Assessed Grade?

Your mark will be awarded based on evidence of work in your portfolio (Component One.)

This will contribute 100% towards your final grade.

Your work will be assessed by AQA's original assessment criteria for A 'Level Art and Design. It will be marked across the usual four assessment objectives. (Research, Planning, Recording and Outcome.) We have covered all of the assessment objectives, evenly in class.

#### Which topics will be assessed during the Internal Assessments?

##### Component One – Personal Investigation

##### You must ensure your work includes;

Artist Research (work in the style of artists/designers.)**24 marks**

Design Ideas/Plans (exploring different materials, techniques, and processes.)**24 marks**

Observational Drawings (from own photographs if possible.)**24 marks**

Final Piece (showing clear links to your artist inspiration.)**24 marks**

**Your portfolio (Component One) will be marked out of a maximum, 96 marks.**

#### Which Coursework or Class Work will contribute towards my Centre-Assessed Grade?

***All of your work.***

## Subject: A level Business

### How will I be assessed for my Centre-Assessed Grade?

Your internal A level business assessments will be over two papers, using the same structure as the current A level papers 1 & 2.

Paper 3 will not be assessed. The 20 mark quantitative assessment normally in these papers will not be included in paper 1 & 2. Quantitative skills will be assessed through calculation questions.

### Which topics will be assessed during the Internal Assessments?

#### ***Paper1 : Marketing, people and global businesses – 2 hours, 100 marks***

##### ***Topics:***

- 1.1 Meeting customer needs
- 1.2 Market
- 1.3 Marketing mix and strategy
- 4.1 Globalisation
- 4.2 Global markets and business expansion
- 4.3 Global marketing
- 4.4 Global industries and companies (multinational corporations)

#### ***Paper 2 : Business activities, decisions and strategy - 2 hours, 100 marks***

##### ***Topics:***

- 2.1 Raising finance
- 2.2 Financial planning
- 2.3 Managing finance
- 2.4 Resource management
- 3.1 Business objectives and strategy
- 3.2 Business growth
- 3.3 Decision-making techniques
- 3.4 Influences on business decisions
- 3.5 Assessing competitiveness (excluding 3.5.3 Human resources)

### Which Coursework or Class Work will contribute towards my Centre-Assessed Grade?

***N/A***

## Subject: A level Chemistry

### How will I be assessed for my Centre-Assessed Grade?

Your internal A level Chemistry assessments will be over two papers, these will be as similar in structure and content weighting to the normal A level exams as we can make them. There will be no paper 3.

### Which topics will be assessed during the Internal Assessments?

#### ***Paper 1 – Periodic table, elements and physical chemistry (2 hours)***

##### ***Foundations in chemistry.***

- Atomic structure •quantitative chemistry: formulae, equations, amount of substance and the mole •reactions of acids •oxidation number and redox reactions •bonding and structure

##### **Periodic table and energy**

- The periodic table: periodic and group properties •enthalpy changes and their determination •rates of reaction •reversible reactions and chemical equilibrium •consideration of energy and yield in improving sustainability

##### ***Physical Chemistry and transition elements***

- Rate equations, orders of reaction, the rate-determining step •equilibrium constants,  $K_c$  and  $K_p$  •acid–base equilibria including pH,  $K_a$  and buffer solutions •lattice enthalpy and Born–Haber cycles •entropy and free energy

#### ***Paper 2 – Synthesis and analytical techniques(2 hours)***

##### **Core organic chemistry and analysis**

- Nomenclature and formula representation, functional groups, organic reactions and isomerism •aliphatic hydrocarbons •alcohols and haloalkanes •organic practical skills and organic synthesis •instrumental analytical techniques to provide evidence of structural features in molecules.

##### **Organic Chemistry and analysis**

- Aromatic compounds •carboxylic acids and esters •organic nitrogen compounds: amines and amino acids •polymerisation: addition polymers and condensation polymers •synthetic organic chemistry and further development of practical skills •the importance of modern analytical techniques in organic analysis.

### Which Coursework or Class Work will contribute towards my Centre-Assessed Grade?

**N/A**

## Subject: A level Drama and Theatre

### How will I be assessed for my Centre-Assessed Grade?

Your internal A Level Drama assessment will be over one paper. This paper will be exactly in line with the A level structure and weighting of marks for Analysing Performance. There will be no paper 2 – Deconstructing Texts, as we have not covered the content.

You will also be awarded marks for the Non-Examination Assessments that have been and will be undertaken. Details of this are in the last section of this document.

### Which topics will be assessed during the Internal Assessments?

#### **Paper 1 – 2 hours and 15 minutes, 60 marks**

#### **Drama: Paper 1: Analysing performance**

Learners will explore practically two performance texts on a chosen theme – Family Dynamics. Learners will analyse and evaluate a live theatre performance.

#### **Section A**

**Students will answer two questions. One question will be on Peter Nicholls', *A Day in the Death of Joe Egg*. The other question is on Shakespeare's, *King Lear*. Students will answer these questions in relation to them being any of the following: Director, Actor, Set/ Lighting/ Costume/ Sound designer. These essays are marked out of 15. They will be marked in accordance with the A Level marking scheme set by the examination board.**

#### **Section B**

Students will answer a question on a Live Theatre Performance. The play they will discuss and evaluate is, *Things I Know to be True*, by Andrew Bovell. Students can be asked any question that relates to this production regarding acting, directing or production values. There is only one question. The total that can be awarded for this section is 30 marks. This will be marked in accordance with the A Level marking scheme set by the examination board.

### Which Coursework or Class Work will contribute towards my Centre-Assessed Grade?

#### **NEA**

#### **Practitioners in practice (Unit 11/12 Performing)**

Learners have researched and practically explored practitioners and the work of others.

#### **Component 11/12 Creating, devising and performing original theatre.**

Your Devising Portfolio and your Devised performance marks will contribute to your final mark. These have been marked in line with the A Level marking criteria and will be weighted and awarded with the same marks as they would for the actual exam.

**Both above culminate in 120 marks Non-Exam Assessment – 40% of final mark.**

#### **Exploring and performing texts (Unit 21 Performing) 60 marks Non-exam assessment – 20% of the final mark.**

Your performance – Monologue - and Pro-Forma will contribute to your final mark. These will be marked in line with the GCSE marking criteria and will be weighted and awarded with the same marks as they would for the actual exam. This part of the exam will be taken early next term.

Any work that is completed under timed conditions can also help go towards your mark and if you have submitted class work that has been of a high standard this will also be considered.

## Subject: A level Economics

### How will I be assessed for my Centre-Assessed Grade?

Your internal A level economics assessments will be over two papers.  
Section A (25 marks) will use only multiple choice questions.  
Section B (50 marks) will use the same format as previous A level papers.  
Section C (25 marks) will provide a choice from 3 essays rather than 2.

### Which topics will be assessed during the Internal Assessments?

#### ***Paper1 : Microeconomics – 2 hours, 100 marks***

Full specification content for theme 1 & 3.  
For section C you will have a choice of essays covering market failure, labour markets and theory of the firm. You will select and answer one question.

#### ***Paper 2 : Macroeconomics - 2 hours, 100 marks***

Full specification content for theme 2 & 4 (excluding 4.2 Poverty & inequality and 4.3 Emerging and developing economies).  
For section C you will have a choice of essays covering macro objectives, macro policy and international economics. You will select and answer one question.

### Which Coursework or Class Work will contribute towards my Centre-Assessed Grade?

**N/A**

## Subject: A Level English Language

### How will I be assessed for my Centre-Assessed Grade?

Your internal A Level English Language assessments will be over two papers, these will be as similar in structure and content weighting to the normal A Level exams as we can make them. The main difference is that for the section on Child Language Development in Paper 1, you'll be assessed on Spoken Language Acquisition only. Reading and Writing have not been covered and are therefore dropped.

### Which topics will be assessed during the Internal Assessments?

#### **Paper 1 – 100 marks (In-class Assessments)**

Section A – Textual Variations and Representations

Section B – Child Language Development (Spoken Language)

#### ***Paper 2 – 2h30, 100 marks (Internal Examinations)***

***Section A – Choice between Diversity and Change evaluative essay (as per specification)***

***Section B – Language discourses***

***Diversity topics: Identity, Social Groups, Age, Gender, Regional Variations, World Variations***

***Change topics: Language Levels, Standardisation, Influence of New Technologies, Attitudes towards Change, Driving forces of Change***

### Which Coursework or Class Work will contribute towards my Centre-Assessed Grade?

#### **Coursework – 20% -**

Your **Language Investigation** and **Original Writing piece** will be marked and awarded.

#### **Timed Assessments written in classroom**

In-class assessments written in timed conditions (**Paper 1 questions**) will be used and contribute to your Centre Assessed Grade.

## Subject: English Literature A level

### How will I be assessed for my Centre-Assessed Grade?

You will be assessed on all the Assessment Objectives and on all the texts which you have studied as well as unseens on prose and poetry. This will be split into 4 components, each one contributing 25% towards your final assessed grade. All questions will be marked using the AQA mark schemes and criteria.

### What form will the assessments take?

#### **Internal Exams**

#### **Paper 1 – 2 Hours Total 50 marks**

*Question 1 "Othello" Extract question of the type you should be familiar with. You will be expected to focus closely on the extract itself but also to relate this to the rest of the play. This is a closed book question. 25 Marks*

*Question 2 Unseen prose passage Post 1945 and focusing on some area of social change 25 Marks*

#### **Paper 2 – 2 Hours Total 50 Marks**

Question 1 "A Streetcar Named Desire" You do 1 question from a choice of 2 focusing on the dramatic qualities of this text 25 Marks

Open book question You will be supplied with a clean text in the exam room

Question 2 Unseen poetry You will be asked to compare two love poems in the light of a chosen theme 25 Marks

Your answers will be marked by one teacher and moderated by another to ensure accuracy and fairness

#### **"Course Work" Total 50 marks**

NEA Independent Study You have already completed this 2,500 word comparison of two prose texts 25 marks (Doubled to 50)

This will be independently marked by 2 teachers and then marks refined through a moderation process

#### **Class Work Total 50 Marks**

Timed essay comparing "The Great Gatsby" to poems from the AQA selection 25 marks

Timed essay comparing "Feminine Gospels" and "The Handmaid's Tale" 25 marks



## Subject: A Level Film Studies

### How will I be assessed for my Centre-Assessed Grade?

Your internal A Level Film Studies assessments will be over two papers, these will be as similar in structure and content weighting to the normal A Level exams as we can make them. The main difference is that the Section on comparing two films – Some Like It Hot and Do The Right Thing has been dropped – you have not seen the films in class and you have not been taught the unit in the classroom so to make it fair for everyone this unit will be dropped for assessment.

### Which topics will be assessed during the Internal Assessments?

#### **Paper 1 – 2 hours, 80 marks**

##### **Section A – *La La Land* and *Captain Fantastic***

- Micro Features/Context
- Representations/Spectatorship

##### **Section B – *Shaun of the Dead* and *This is England***

- Micro Features/Opening Scenes
- Context/Character Representations

#### **Paper 2 – 2 hours 30 mins, 100 marks**

##### **Section A – *City of God* and *Mustang***

- **Micro Features/Context**
- **Representations**

##### **Section B – *Amy***

- **Micro Features**
- **Filmmaker Theories/Impact of Digital technology**

##### **Section C – *Sunrise***

- **Context/German Expressionism and Realism Debate**
- **Representations**

##### **Section D – *Pulp Fiction***

- **Experimental Film/Auteur**

### Which Coursework or Class Work will contribute towards my Centre-Assessed Grade?

#### **Coursework – 30% -**

Your first cut/draft of your film/screenplay complete with your evaluation/storyboard will be marked and awarded.

#### **Timed Assessments written in classroom**

Any classwork which was written in the classroom written in timed conditions will also be used and contribute to your Centre Assessed Grade.

## Subject: A Level GEOGRAPHY

### How will I be assessed for my Centre-Assessed Grade?

Your internal A Level geography assessment will be over two papers and include your NEA; these assessed papers will be as similar in structure and content weighting to the normal exams as we can make them. The Carbon and Migration content covered through live lesson has been sufficiently attended to allow us to include this in the assessment. A Paper 3 style assessment will not take place, nor will Tectonics be included in the Paper 1 assessment, stats questions will also be excluded.

### Which topics will be assessed during the Internal Assessments?

#### **Paper 1 – 135 minutes, 105 marks, 37.5%**

**Coastal Landscapes and Change** – full specification content.

What processes cause variation in coastal landscapes, how do landforms impact on them also, how erosion no sea level rise create risk on the coastline and how coastlines can be managed.

**The Water Cycle and Water Insecurity** – full specification content

Processes operating in the water cycle at local and global levels, the factors that cause Horst and long term change in the cycle, how and why water insecurity has become such a large issue in the 21<sup>st</sup> century.

**The Carbon Cycle and Energy Security** – full specification content

How the cycle operates to maintain planetary health, the consequences for the planet and people of our increasing demand for energy, and how the carbon and water cycles are linked to a changing global climate system.

#### **Paper 2 – 135 minutes, 105 marks, 37.5%**

**Globalisation** - full specification content

Causes of globalisations acceleration, the impact of it on countries, peoples, cultures and the physical environment, and how different players respond to the consequences for development, on development and the physical environment.

**Regenerating Places** - full specification content

How and why places vary, with your local and contrasting study, why regeneration might be needed, how it is managed and how successful it is.

**Superpowers** - full specification content

What superpowers are and how they've changed over time, how they impact on the global economy, geopolitics and the physical environment, and what spheres of influence are contested by different powers and the implications of this.

**Migration, Identity and Sovereignty** - full specification content

How globalisation impacts on international migration, how nation states are defined and their evolution in a globalising world, the impacts of global organisation on conflicts and global issues, and the threats to national sovereignty in an ever-globalising world.

### Which Coursework or Class Work will contribute towards my Centre-Assessed Grade?

**NEA** – This will contribute 25% of your grade and be marked in accordance with exam board criteria.

**In Class Assessments** – These will be taken into consideration where necessary.

## Subject: A-Level History

### How will I be assessed for my Centre-Assessed Grade?

You will sit three papers as part of your internal exams. The papers will follow the same structure and question styles as the papers produced by Edexcel. The only exception is to Paper 3 where there will be no Section C on the decline of the belief in magic, as we have not covered this in class. Your coursework will also count towards your final grade.

### Which topics will be assessed during the Internal Assessments?

#### ***Paper 1: Britain Transformed, 1918-1997 – 2 hours 15 minutes, 60 marks***

##### **A changing political and economic environment, 1918–79 – full specification content**

- A changing political landscape: changing party fortunes, 1918–31; the National government, 1931–45; Labour government, the rise of consensus politics and political challenge, 1945–79.
- Economic challenges in 1918 and post-war boom, crisis and recovery, 1918–39; creating a managed economy, 1939–51; the response to economic challenges, 1951–79.
- Change and challenge in the workplace: the reasons for, and consequences of, industrial change and changing industrial relations, 1918–39; changing working opportunities and conditions, 1939–79; industrial relations, 1939–1979, and the reason for their breakdown in the 1960s and 70s.

##### **Creating a welfare state, 1918–79 – full specification content**

- Providing social welfare: the extent, and nature of, social welfare provision, 1918–39; the impact of the Second World War, the Labour government and consensus, 1939–64; the reasons for increasing challenges to state welfare provision, 1964–79.
- Public health: health provision, 1918–45; the creation and impact of the National Health Service (NHS), 1945–79, and the challenge of medical advances.
- Education and widening opportunities: education policy, 1918–43; the significance of the 'Butler Act' 1944, and the development of comprehensive education to 1979; the growth and social impact of university education, 1918–79.

##### **What impact did Thatcher's governments (1979–90) have on Britain, 1979–97?**

- The effect of Thatcher's economic policies.

#### ***Paper 2: The USA: Boom, Bust and Recovery – 1 hour 30 minutes, 40marks***

##### **Boom and crash, 1920–29– full specification content**

- The economic boom of the 1920s: mass production; technological advances and their impact on leisure; the automobile; hire purchase; laissez faire; farmers, black Americans and limits to the boom.
- Causes of the crash of 1929: the Wall Street Crash; overproduction; land speculation; the bull market; weaknesses of the banking system.
- Changes in society; immigration and the 'Red Scare'; the Ku Klux Klan; prohibition and organised crime; the changing role of women.
- Cultural change in the 1920s: the Jazz Age; the Harlem Renaissance; growing popularity of baseball; radio and the cinema; American literature.

##### **Depression and New Deal, 1929–38**

- The spread of the depression, 1929–32: growth of unemployment; collapse of GDP; effects on workers, families, farmers and ethnic minorities; 'gangsterism'.

- Hoover's response to the depression, 1929–33: the Smoot-Hawley Tariff; homelessness and the Hoovervilles; the Reconstruction Finance Corporation; Emergency Relief and Construction Act 1932.

***Paper 3: The witch craze in Britain, Europe and North America, c.1580-c.1750  
– 1 hour 30 minutes, 40 marks***

**Aspects in depth: persecuting witches – full specification content.**

- The North Berwick witches in Scotland, 1590–91 and the aftermath to 1597:
  - The origins of the persecution: Gilly Duncan's confession; the impact of James VI's voyage from Denmark; the extent to which Danish witch hunting influenced events in Scotland.
  - The widening net: the case of Agnes Sampson and John Fian; the role of the king and torture; the involvement of the Earl of Bothwell; impact of the confessions, trials and executions.
  - Reasons for the extent of persecutions in Scotland to 1597, including judicial procedures, lack of strong central control, the role of King James and significance of his Daemonologie.
- The Lancashire witches of 1604–13:
  - The influence of social, economic and religious context of the area around Pendle in the early seventeenth century and the significance of the new witchcraft statute of 1604.
  - The origins of the case: Alizon Device and John Law; the investigations of Roger Nowell; Old Demdike and Old Chattox and their witchcraft families; the meeting at Malkin Tower.
  - The trial 1612: the Judges Bromley and Altham; the conduct and outcomes of the trial; impact of Thomas Potts's account.
- The Great Witch Hunt, in Bamberg, Germany, 1623–32
  - The economic, political and religious context: reclaiming territory for the Catholic Church; the impact of the Thirty Years War on Bamberg in these years; economic crises.
  - Numbers and social groups affected by the witch hunts; the use of torture and property confiscations; the roles of the Prince-Bishop von Dornheim and Frederick Forner.
  - The reasons for the ending of the craze: the influence of the Emperor Ferdinand II and the Imperial Chamber Court; the arrival of the Swedish Army.
- Matthew Hopkins and the East Anglian witch craze, 1645–47:
  - Economic and political context: the impact of the breakdown of traditional authority and legal structures; economic crises.
  - Geography, numbers, class and gender of victims; the roles and methods of Matthew Hopkins and John Stearne and reasons for their influence and power.
  - The ending of the witch craze: the growing cost; the reestablishment of traditional authority; the role of John Gaule.
- Cotton Mather and the Salem witch hunt, 1692–93:
  - The social, economic and political context of Salem: weakened authority following the 1688 Revolution; Indian threats and economic crisis; social tensions.
  - The influence of Cotton Mather, including Memorable Providences relating to Witchcraft and Possessions; instigators, including the roles of Samuel Parris, children and Tituba; the nature of the victims; the trials and executions.
  - Reasons for the ending of the witch hunt: the roles of Cotton Mather's father and Governor Phips; the general pardon.

**Which Coursework or Class Work will contribute towards my Centre-Assessed Grade?**

***Unit 4: Coursework***

## Subject: A Level Law

### How will I be assessed for my Centre-Assessed Grade?

You will sit two internal assessments. Each exam will be worth 70 marks and will last for two hours. The total mark of these two exams will contribute to 70% of your Centre-Assessed Grade. Marks achieved in previous class assessments will also contribute to your Centre-Assessed Grade at a weighting of 30%

### Which topics will be assessed during the Internal Assessments?

#### Paper 1 – 2 hours – 70 Marks

##### Substantive Criminal Law – full specification content.

- General Elements (Actus Reus, Causation, Mens Rea, Transferred Malice, Coincidence Rule, Strict Liability)
- Fatal Offences (Murder, Voluntary Manslaughter (Loss of Control, Diminished Responsibility), Involuntary Manslaughter (Gross Negligence Manslaughter, Unlawful Act Manslaughter)
- Non-Fatal Offences (Assault, Battery, S.47 Actual Bodily Harm, S.20 Grievous Bodily Harm or Wounding, S.18 Grievous Bodily Harm or Wounding with Intent)
- Property Offences (Theft, Robbery)
- Preliminary Offences (Attempts)
- Defences (Insanity, Automatism, Intoxication, self-defence, duress)

##### Criminal Law Concepts - full specification content.

- Theory in Criminal Law
- Law and Society – Fault
- Law and Justice

#### Paper 2 – 2 hours - 70 marks

##### English Legal System – partial specification content.

- Nature of Law
- Statutory Interpretation (Literal Rule, Golden Rule, Mischief Rule, Purposive Approach, Internal and External Aids, Effect of EU Law and Human Rights Act 1998 on Statutory Interpretation)
- Judicial Precedent
- Criminal Courts and Lay People (Classification of Offences, Magistrates, Juries, Sentencing, Appeals)
- Legal Personnel (barristers, solicitors, legal executives)
- Judiciary – Types of judge, Role of judges in criminal courts
- Access to Justice and Funding – in criminal cases

##### Substantive Tort Law - full specification content.

- Negligence for physical injury and property damage (Duty of care, Breach of duty, Causation)
- Negligence for economic loss – Consequential and Pure Economic Loss
- Negligence for psychiatric injury
- Occupiers' Liability (Visitors and Trespassers)
- Nuisance and the Escape of Dangerous Things (Private Nuisance, Rylands v Fletcher)
- Vicarious Liability
- Defences (Contributory Negligence, Consent, Defences to Private nuisance and Rylands v Fletcher)
- Remedies (Compensatory damages, mitigation of loss, injunctions)

### Which Coursework or Class Work will contribute towards my Centre-Assessed Grade?

Your grade will be calculated with 70% of your final grade coming from the two internal papers that you will sit. 30% of your grade will come from assessments that you have completed in class in year 12 and 13 where the assessments were sat in exam conditions.

## Subject: A-Level Mathematics

### How will I be assessed for my Centre-Assessed Grade?

Your internal A-level Maths assessments will be over three papers, these will be as similar in structure and content weighting to the normal A-level exams as we can make them. There will be two pure papers and one applied covering Statistics and Mechanics with the same weighting as normal.

Content not taught or reviewed face to face has been omitted from the papers, this includes proof by contradiction, series and sequences, parametric equations, numerical methods, areas under parametric curves, the trapezium rule, differential equations, the normal distribution and further kinematics.

Where a [terminal internal assessment] mark falls significantly below previous assessment point data, we will review this to ensure no individual student is disadvantaged.

### Which topics will be assessed during the Internal Assessments?

#### *Pure Mathematics*

*Paper 1: 1h 30, 75 marks*

*Paper 2: 1h 30, 75 marks*

#### **Algebraic and partial fractions**

Simplifying algebraic fractions

Partial fractions

#### **Functions and modelling**

Modulus function

Composite and inverse functions

Transformations

Modelling with functions\*

\*examples may be Trigonometric, exponential, reciprocal etc.

#### **The binomial theorem**

Expanding  $(a + bx)^n$  for rational  $n$ ; knowledge of range of validity

Expansion of functions by first using partial fractions

#### **Trigonometry**

Radians (exact values), arcs and sectors

Small angles

Secant, cosecant and cotangent (definitions, identities and graphs);

Inverse trigonometrical functions; Inverse trigonometrical functions

Compound\* and double (and half) angle formulae

\*geometric proofs expected

$R \cos(x \pm \alpha)$  or  $R \sin(x \pm \alpha)$

Proving trigonometric identities

Solving problems in context (e.g. mechanics)

#### **Differentiation**

Differentiating  $\sin x$  and  $\cos x$  from first principles

Differentiating exponentials and logarithms

Differentiating products, quotients, implicit and parametric functions.

Second derivatives (rates of change of gradient, inflections)

**Integration (part 1)**

Integrating  $x^n$  (including when  $n = -1$ ), exponentials and trigonometric functions

Using the reverse of differentiation, and using trigonometric identities to manipulate integrals

**Integration (part 2)**

Integration by substitution

Integration by parts

Use of partial fractions

Areas under graphs or between two curves, including understanding the area is the limit of a sum (using sigma notation)

**Vectors (3D):**

Use of vectors in three dimensions; knowledge of column vectors and **i**, **j** and **k** unit vectors

**Year 1:**

Including all year 1 content listed below:

**Algebra and functions**

Algebraic expressions – basic algebraic manipulation, indices and surds

Quadratic functions – factorising, solving, graphs and the discriminants

Equations – quadratic/linear simultaneous

Inequalities – linear and quadratic (including graphical solutions)

Graphs – cubic, quartic and reciprocal

Transformations – transforming graphs –  $f(x)$  notation

**Coordinate geometry in the (x, y) plane**

Straight-line graphs, parallel/perpendicular, length and area problems

Circles – equation of a circle, geometric problems on a grid

**Further algebra**

Algebraic division, factor theorem and proof

The binomial expansion

**Trigonometry**

Trigonometric ratios and graphs

Trigonometric identities and equations

**Vectors (2D)**

Definitions, magnitude/direction, addition and scalar multiplication

Position vectors, distance between two points, geometric problems

**Differentiation**

Definition, differentiating polynomials, second derivatives

Gradients, tangents, normals, maxima and minima

**Integration**

Definition as opposite of differentiation, indefinite integrals of  $x^n$

Definite integrals and areas under curves

**Exponentials and logarithms**

Exponential functions and natural logarithms

**Statistics and Mechanics**

**Paper 3: 1h 30, 75 marks**

**Statistics**

**Regression and correlation**

Change of variable

Correlation coefficients

Statistical hypothesis testing for zero correlation

**Probability**

Using set notation for probability

Conditional probability

Questioning assumptions in probability

**Year 1:**

Including all year 1 content listed below:

**Statistical sampling**

Introduction to sampling terminology; Advantages and disadvantages of sampling

Understand and use sampling techniques; Compare sampling techniques in context

**Data presentation and interpretation**

Calculation and interpretation of measures of location; Calculation and interpretation of measures of variation; Understand and use coding

Interpret diagrams for single-variable data; Interpret scatter diagrams and regression lines; Recognise and interpret outliers; Draw simple conclusions from statistical problems

**Probability**

Mutually exclusive events; Independent events

**Statistical distributions**

Use discrete distributions to model real-world situations; Identify the discrete uniform distribution; Calculate probabilities using the binomial distribution (calculator use expected)

**Statistical hypothesis testing**

Language of hypothesis testing; Significance levels

Carry out hypothesis tests involving the binomial distribution

**Mechanics**

**Moments**

Forces' turning effect

**Forces at any angle**

Resolving forces

Friction forces (including coefficient of friction  $\mu$ )

**Year 1:**

Including all year 1 content listed below:

**Quantities and units in mechanics**

Introduction to mathematical modelling and standard S.I. units of length, time and mass

Definitions of force, velocity, speed, acceleration and weight and displacement; Vector and scalar quantities

**Kinematics 1 (constant acceleration)**

Graphical representation of velocity, acceleration and displacement



Motion in a straight line under constant acceleration; suvat formulae for constant acceleration; Vertical motion under gravity

**Forces & Newton's laws**

Newton's first law, force diagrams, equilibrium, introduction to i, j system

Newton's second law, 'F = ma', connected particles (no resolving forces or use of F = μR); Newton's third law: equilibrium, problems involving smooth pulleys

**Kinematics 2 (variable acceleration)**

Variable force; Calculus to determine rates of change for kinematics

Use of integration for kinematics problems i.e.  $r = \int v dt$ ,  $v = \int a dt$

**Which Coursework or Class Work will contribute towards my Centre-Assessed Grade?**

**N/A**

## Subject: A Level Media Studies

### How will I be assessed for my Centre-Assessed Grade?

Your internal A Level Media Studies assessments will be over two papers, these will be as similar in structure and content weighting to the normal A Level exams as we can make them. The main difference is that instead of you being told what two mini topics you have to answer in Section B of Paper 1 and Section A of paper 2 you will be given the choice of all three topics – you will still only answer on two however

### Which topics will be assessed during the Internal Assessments?

#### **Paper 1 – 2 hours, 70 marks – 35%**

##### **Section A – Newspapers – 4 questions – *The Daily Mail and The Guardian***

- **CODES + CONVENTIONS ( APPLYING MEDIA LANG + GENRE)**
- **REPRESENTATIONS**
- **CONTEXT**
- **THEORIES** – The imitations and the usefulness of each of the 19 theories
- **SPECIFIC EXAMPLES**

##### **Section B – Two of the following three set texts – *Advertising and Marketing, The Big Issue and Music Videos***

- **Codes and Conventions of Set Products**
- **Representations (including stereotypes)**
- **Industry Context (Viewpoint and Ideology)**
- **Audience Response**
- **Intertextuality**

#### **Paper 2 – 2 hours, 70 marks – 35%**

##### **Section A – Two of the following three set texts – *The Jungle Book, Minecraft and Radio One Breakfast Show***

- **Production**
- **Distribution**
- **Marketing/Circulation**
- **Regulation**
- **Audience response**

##### **Section B – Long Form TV Drama – *Deutschland 83 and Stranger Things***

- **Contexts**
- **Technology**
- **Audience**
- **Media language**
- **Representations**
- **Specific Examples + theories**

### Which Coursework or Class Work will contribute towards my Centre-Assessed Grade?

#### **Coursework – 30% - 60 marks**

Your first cut/draft of your music video/magazine work complete with your first draft of your website will be marked and awarded. Please remember that 25 marks will be awarded to both your website and your other product. A mark out of 10 will be awarded to reflect how well your product and website work together to market and promote your main product.

#### **Timed Assessments written in classroom**

Any classwork which was written in the classroom written in timed conditions will also be used and contribute to your Centre Assessed Grade.

## Subject: A Level Music

### How will I be assessed for my Centre-Assessed Grade?

We will continue with some of the previous changes made by the exam board for this academic year and adapt others. You will be required to record a recital, reduced to minimum of 3:30 minutes, worth 30%, 1 Composition, reduced to a minimum of 1:30 minutes, worth 30% and a listening paper, adapted to include only set works covered, worth 40%

### Which topics will be assessed during the Internal Assessments?

The Internal Listening Assessment will be 3 listening questions, one melodic dictation, one unseen essay and a set work essay question (choice of four) worth 100 marks in total. Listening and Set Works essay based on the following areas of study:

#### Vocal Music

- J. S. Bach, Cantata, Ein feste Burg, BWV 80: Movements 1, 2, 8
- Vaughan Williams, On Wenlock Edge: Nos. 1, 3 and 5 (On Wenlock Edge, Is my team ploughing? and Bredon Hill)

#### Instrumental Music

- Clara Wieck-Schumann, Piano Trio in G minor, Op. 17: movement 1
- Berlioz, Symphonie Fantastique: Movement I

#### Music for Film

- Rachel Portman, The Duchess: The Duchess and End titles, Mistake of your life, Six years later, and Never see your children again
- Bernard Herrmann, Psycho: Prelude, The City, Marion, The Murder (Shower Scene), The Toys, The Cellar, Discovery, Finale

#### Popular Music and Jazz

- Courtney Pine, Back in the Day: Inner state (of mind), Lady Day and (John Coltrane), and Love and affection
- Kate Bush, Hounds of Love: Cloudbusting, And dream of sheep, and Under ice
- Beatles, Revolver: Eleanor Rigby, Here, there and everywhere, I want to tell you, and Tomorrow never knows

#### Fusions

- Debussy, Estampes: Nos. 1 and 2 (Pagodes and La soirée dans Grenade)
- Familia Valera Miranda, Caña Quema: Alla vá candela and Se quema la chumbambà

#### New Directions

- Kaija Saariaho, Petals for Violoncello and Live Electronics
- Stravinsky, The Rite of Spring: Introduction, The Augurs of Spring, and Ritual of Abduction

### Which Coursework or Class Work will contribute towards my Centre-Assessed Grade?

#### Solo Recital

One recorded recital - 3:30 minutes minimum  
Marked out of 60 (using Recital criteria)  
Weighting: 30% of Centre-Assessed Grade

#### Composition 1

One Composition (1:30 minutes at least)  
Marked out of 40 (using composition criteria – judging wholistically if whole composition was this level)  
Weighting: 30% of Centre-Assessed Grade

Please note: Class assessments will only be used if circumstances require it.

## Subject: A Level PE

### How will I be assessed for my Centre-Assessed Grade?

The internal A Level PE assessments will be over all three papers (physiological aspects, psychological aspects and socio-cultural factors affecting sports performance). These will be as similar in structure and content weighting to the normal A Level PE exams as we can make them.

The Non Examined Assessments (EAPI and one practical performance video) are each worth 15% of the final grade and therefore worth 30% in total as is normally the case.

### Which topics will be assessed during the Internal Assessments?

#### ***Paper 1 Physiological Factors Affecting Performance – 2 hours, 90 marks***

##### ***Full specification content:***

- **Anatomy and Physiology**
- Skeletal and Muscular systems: muscle fibre types and movement analysis
- Cardiovascular and respiratory systems: key values for cardiac and respiratory volumes and equations,
- Energy for exercise: the 3 different energy systems and how they produce energy for exercise and the recovery processes (EPOC) systems
- Environmental effects on body systems: Altitude and Heat, how they affect both aerobic and anaerobic performances and adaptations as a result of training in those conditions
- **Exercise Physiology**
- Diet, nutrition and energy balance
- Ergogenic aids and performance enhancement (nutritional, physiological and pharmaceutical)
- Types of training including aerobic and strength: types, of training, factors that affect and adaptations to training
- Types of injuries and methods of treatment including SALTAPS, PRICE, Concussion 6R's, and the different types of treatment for common injuries (stretching, massage, heat, cold, contrast, anti-inflammatory drugs, physiotherapy and surgery)
- **Biomechanics**
- Biomechanical principles: Newton's Laws, free body diagrams
- Analysis through technologies: limb kinematics, force plates, and wind tunnels
- Angular motion: how its created, definitions and calculations of measurements, factors that affect angular motion
- Projectile motion: factors affecting horizontal distance, free body diagrams, resultant forces, flight paths (parabolic/non-parabolic), lift and the Bernoulli principles
- The use of spin in sport to affect/deviate the flightpath of objects (Magnus forces)

#### ***Paper 2 Psychological Factors Affecting Performance – 1 hour, 60 marks***

##### ***Full specification content:***

- Skill Acquisition
- Sport Psychology

#### ***Paper 3 Socio-Cultural Issues in Physical Activity and Sport – 1 hour 60 marks***

##### ***Full specification content:***

### Which Coursework or Class Work will contribute towards my Centre-Assessed Grade?

***The EAPI will still contribute 15% of the final A Level PE grade***

***Practical performance in 1 sport which is still 15% of the final grade***

## Subject: A Level Physics

### How will I be assessed for my Centre-Assessed Grade?

Your internal A Level Physics assessments will be over two papers, these will be as similar in structure and content weighting to the normal A Level exams as we can make them. There will be one paper covering The AS Content and one paper to cover the practical skills and A2 level content

### Which topics will be assessed during the Internal Assessments?

#### ***Physics Paper 1 – 1 hour 45 minutes***

- Particles and nuclides
- Fundamental particles
- Electrons and energy levels
- Particles of Light
- Waves
- Combining Waves
- Mechanics
- Motions
- Work, Energy and Power
- Momentum
- Materials
- Current Electricity
- Electrical Circuits

#### ***Physics Paper 2 – 1 hour 45 minutes***

- Further mechanics and thermal physics
- Simple Harmonic Motion
- Thermal physics
- Gravitational fields
- Electric fields
- Capacitance
- Magnetic fields
- Turning Points in Physics

In addition to the topics listed above you will also be asked about the practical skills involved in establishing scientific data at both an AS and A2 level.

Paper 1 and Paper 2 will also contain a section of multiple choice questions

### Which Coursework or Class Work will contribute towards my Centre-Assessed Grade?

**N/A**

## Subject: A Level Psychology

### How will I be assessed for my Centre-Assessed Grade?

You will sit two internal assessments. Each exam will be worth 70 marks and will last for two hours. The total mark of these two exams will contribute to 70% of your Centre-Assessed Grade.

Marks achieved in previous class assessments will also contribute to your Centre-Assessed Grade at a weighting of 30%

### Which topics will be assessed during the Internal Assessments?

#### **Paper 1 – 2 hours – 84 Marks**

##### **Social Influence – full specification content.**

- Types of Conformity
- Explanations for Conformity
- Variables Affecting Conformity – Asch
- Conformity to Social Roles – Zimbardo
- Explanations for Obedience
- Explanations for Resistance to Social Influence
- Minority Influence
- The Role of Social Influence Processes in Social Change

##### **Memory - full specification content.**

- Multi-Store Model of Memory
- The Working Memory Model
- Types of Long-Term Memory
- Explanations for Forgetting
- Factors Affecting the Accuracy of Eyewitness Testimony
- Improving the Accuracy of Eyewitness Testimony

##### **Attachment – full specification content.**

- Caregiver-Infant Interactions in Humans
- Stages of Attachment
- Multiple Attachments
- Role of the Father
- Animal Studies of Attachment
- Explanations of Attachment
- Ainsworth's "Strange Situation"
- Cultural Variations in Attachment
- Bowlby's Theory of Maternal Deprivation
- Romanian Orphan Studies
- The Influence of Early Attachment

##### **Research Methods – all Year 12 and 13 Content EXCEPT:**

- Features of Science
- Reporting Psychological Investigations
- Designing Investigations

#### **Paper 2 – 2 hours - 84 marks**

##### **Approaches – full specification content.**

- Origins of Psychology
- Behaviourist Approach
- Social Learning Theory
- Cognitive Approach
- Biological Approach
- Psychodynamic Approach

- Humanistic Approach
- Comparison of Approaches

**Biopsychology - full specification content.**

- Divisions of The Nervous System
- Neurons
- Synaptic Transmission
- Endocrine System
- Fight or Flight Response
- Localisation of Function in the Brain
- Hemispheric Lateralisation
- Plasticity and Functional Recovery
- Ways of Studying the Brain
- Biological Rhythms

**Relationships – full specification content.**

- Evolutionary Explanations for Partner Preferences
- Factors Affecting Attraction in Romantic Relationships – Self-Disclosure, Physical Attractiveness, Filter Theory
- Theories of Romantic Relationships – Social Exchange Theory, Equity Theory, Rusbult’s Investment Model, Duck’s Phase Model of Relationship Breakdown
- Virtual Relationships in Social Media
- Parasocial Relationships

**Research Methods – all Year 12 and 13 Content EXCEPT:**

- Features of Science
- Reporting Psychological Investigations
- Designing Investigations

**Which Coursework or Class Work will contribute towards my Centre-Assessed Grade?**

Your grade will be calculated with 70% of your final grade coming from the two internal papers that you will sit. 30% of your grade will come from assessments that you have completed in class in year 12 and 13 where the assessments were sat in exam conditions.

## Subject: A Level Sociology

### How will I be assessed for my Centre-Assessed Grade?

You will sit two internal exams. Each exam will be worth 70 marks and will last for two hours. The total mark of these two exams will contribute to 70% of your centre assessed grade.

Grades achieved in previous class assessments will also contribute to your centre assessed grade at a weighting of 30%.

### Which topics will be assessed during the Internal Assessments?

#### **Paper 1: 2 hours, 70 marks**

##### **Education – full specification content.**

- Theories of education
- Social class and achievement
- Ethnicity and achievement
- Gender and achievement and subject choice
- Education policies

##### **Family- reduced specification content.**

- Theories of the family
- Childhood

##### **Theory- full specification content**

- Functionalism
- Marxism
- Feminism
- Social action theories
- Modernity vs postmodernity
- Sociology and social policy
- Sociology and science
- Values in research

#### **Paper 2: 2 hours, 70 marks**

##### **Crime and deviance – full specification content**

- Theories of crime and deviance
- Gender and crime
- Ethnicity and crime
- Crime and the media
- Globalisation and crime
- Green crime
- State crime
- Victimology
- Statistics on crime

##### **Beliefs in society- reduced specification content**

- Theories of religion
- Religion and social change
- Secularisation
- Fundamentalism
- Religious organisations

##### **Theory- full specification content**

- Functionalism
- Marxism
- Feminism
- Social action theories
- Modernity vs postmodernity
- Sociology and social policy
- Sociology and science
- Values in research

### Which Coursework or Class Work will contribute towards my Centre-Assessed Grade?

Your grade will be calculated with 70% of your final grade coming from the two internal papers that you will sit. 30% of your grade will come from assessments that you have completed in class in year 12 and 13 where the assessments were sat in exam conditions.



## Subject: A LEVEL SPANISH

### How will I be assessed for my Centre-Assessed Grade?

Your A Level Spanish grade will be derived from the following elements;

- *Internal Assessments (85%)*
- *Remote Learning and PREP (15%)*

#### Internal Assessments (85%)

You're a Level Spanish Internal Assessments will be comprised of three papers, and these will be as similar in structure, content weighting and timing to the standard format A Level exams as we can make them.

The three papers you will be assessed in are as follows;

- *Paper 1 – Listening, Reading & Translation (35% of overall grade)*
- *Paper 2 – Written Response to Works (25% of overall grade)*
- *Paper 3 – Speaking (25% of overall grade)*

You will be assessed in all Themes (1 to 4).

As part of Paper 2, you will also be assessed in relation to your responses to questions around the film studies (*Volver*) and literature (*Como Agua Para Chocolate*) elements of the course.

As part of Paper 3, you will be assessed in relation to both Task 1 (relating to the Themes covered in the syllabus) and Task 2 (your Independent Research Project - IRP).

### Which topics will be assessed during the Internal Assessments?

**Paper 1 – 2 hours, 80 marks**

*Listening, Reading & Translation – full specification content*

**Paper 2 – 2 hours 40 minutes, 120 marks**

*Written Response to Works & Translation – full specification content*

**Paper 3 – 21-23 minutes (including 5 minutes' preparation time)**

**72 marks**

*Speaking – full specification content*

**Course Content – this will include the relevant vocabulary and grammar associated within these Themes;**

- **Theme 1 – La evolución de la sociedad española**
  - El cambio en la estructura familiar La evolución de las actitudes hacia el matrimonio, las relaciones y las familias.
  - El mundo laboral La vida laboral en España y las actitudes hacia el trabajo; las oportunidades de trabajo para los jóvenes; la igualdad de género.
  - El impacto turístico en España El impacto económico; las oportunidades que ofrece el turismo; el impacto socioambiental.
- **Theme 2 – La cultura política y artística en el mundo hispanohablante**

- La música Los cambios y las tendencias; el impacto de la música en la cultura contemporánea.
- Los medios de comunicación La televisión y las telenovelas: los medios de comunicación escritos y en internet; el impacto en la sociedad y la política.
- Los festivales y las tradiciones Los festivales, las fiestas, las costumbres y las tradiciones.

- **Theme 3 – La inmigración y la sociedad multicultural española**

- El impacto positivo de la inmigración en la sociedad Española, las aportaciones de los inmigrantes en la economía y la cultura.
- Enfrentando los desafíos de la inmigración y la integración en España, las medidas adoptadas por las comunidades locales; la marginación y el aislamiento desde el punto de vista de los inmigrantes.
- La reacción social y pública hacia la inmigración en España, el enfoque político hacia la inmigración; la opinión pública.

- **Theme 4 – La dictadura española y la transición a la democracia**

- La Guerra Civil y el ascenso de Franco (1936-1939), la Guerra Civil y el ascenso de Franco, los republicanos contra los nacionalistas; las divisiones en la sociedad.
- La dictadura franquista La vida cotidiana bajo la dictadura franquista: la opresión política, la censura, las divisiones en la sociedad.
- La transición de la dictadura a la democracia El papel del Rey Juan Carlos en la transición; el Gobierno de Suárez; el golpe de Estado de 1981.

- **Literature – Como Agua Para Chocolate**

- **Film Studies - Volver**

### Which Coursework or Class Work will contribute towards my Centre-Assessed Grade?

#### Remote Learning and PREP (15%)

*The following will be included to contribute to this element of your overall grade;*

- *The written work you have completed during the first period of remote learning in 2020 when you were in Year 12.*
- *The written work you have completed during the most recent period of remote learning in 2021.*
- *The written PREP you have completed during Year 12 and Year 13.*
- *Any additional work that you have provided to us and had feedback given to you.*

*If for any reason you don't feel that you have made the most of the Remote Learning and PREP that you were set while at home, you will still have the opportunity to go back and revisit these elements to help build your portfolio of work in this aspect. It should be noted that no new work will set in this regard, it will only be the tasks that had already been set previously and you will have the chance to catch up on this as part of your independent learning.*