



**Eastbrook School**

**Year 11 Mock exam**

**March 2023**

March 2023

Dear Student and Parents,

RE: Yr11 Mock exams, w/b 6<sup>th</sup> March 2023

We believe that Mock examinations help students get a 'snap-shot' of where they are right now and what they need to do to improve in time for their summer exams to achieve the best possible grade. In this booklet you will find the Yr11 Mock exam timetable as well as lists of topics to revise for individual subjects. Please prepare thoroughly for the scheduled exams, these mock exams are very important to us and to all students.

**NOTE: Performance in these mock exams could be used as part of evidence to determine a grade for candidates if exams cannot go ahead as planned this summer.**

We believe it is important for students to be fully equipped for learning as well also being fully equipped for all exams by having with them a pen (black ball point), pencil, sharpener, rubber and ruler. Also, students will need a protractor, calculator and compass for their Maths and Science exams and possibly for some other subjects also.

In external exams such as the year 11 GCSE exams in summer 2023, students are not allowed to have any unauthorised items in the exam room such as mobile phones, smart wrist watches or any kind of electronic device or results may be cancelled. For these internal Mock exams, prior to sitting at their examination desks, we will be asking all students to place any electronic devices in their school bag (switched off and at their own risk). As such I would recommend if possible that students do not bring any mobile phones on the day of an exam.

If you would like to discuss this further, please do not hesitate to contact the school.

Thank you for your support.

Mr A. Khan

Deputy Headteacher

March 2023 Yr11 Mocks	Form	Lesson 1	Lesson 2	Break	Lesson 3	Lesson 4	Lunch	Lesson 5	Form
B_Mon 6 <sup>th</sup> March		Option 3 Computing Geography RS			Option 2 CD Citizenship Computing DT French Geography Spanish History				
B_Tue 7 <sup>th</sup> March		Option 4 Sociology Economics IT Media PE GCSE			Combined Science Triple Science				
B_Wed 8 <sup>th</sup> March	(form time start) Eng Lang			Break overspill					
B_Thu 9 <sup>th</sup> March		Maths Paper 1			Option 1 DT French Geography History Hospitality Spanish CD				
B_Fri 10 <sup>th</sup> March	(form time start) Eng Lit			Break overspill				French & Spanish Reading paper (1hr)	
A_Mon 13 <sup>th</sup> March		Combined Science Triple Science			Maths Paper 2				
A_Tue 14 <sup>th</sup> March		Maths Paper 3							

## Actual summer exam dates

	9:00 AM		13:30 PM	
	Board/qualification/component/title	Length	Board/qualification/component/title	Length
Fri 12 May	CACHE/Level 2 Technical Award in child Development and care (Yr11)/TACDC	1 hr 30 min		
Mon 15 May	Edexcel/Btec/National/ Health and Social Care/31490H unit 1 (Resit)	1hr 30min	Edexcel/GCSE/Citizenship Studies/ Paper 1	1 hr 45 min
	OCR/Cambridge tech/IT/Fundamentals of IT	1 hr 30 min		
	AQA/GCSE Religious Studies A/8062/Christianity,Judaism	1Hr 45min		
Tue 16 May	OCR/GCSE/Biology A/J247/01/F	1hr 45min	WJEC/GCSE/Sociology/C200U10/1	1hr 30min
	OCR/GCSE/Biology A/J247/03/H	1hr 45min	AQA GCSE/Media written/8572/1	1hr 30min
	OCR/GCSE/Com Bio/J250/01/F	1hr 10min		
	OCR/GCSE/Com Bio/J250/07/H	1hr 10min		
Wed 17 May	AQA/GCSE/English Literature/8702/1M/N	1hr 45min	OCR/GCSE/Physical Education /J587/01	1 hr
			OCR/GCSE/Economics /j205/01	1hr 30m
Thu 18 May	Edexcel/Btec/National/Business/Enterprise/Unit 3	2 hr		
	Edexcel/GCSE/History/ Paper 1:	1 hr 15min		
Fri 19 May	Unit 2: Working In Health And Social Care	1hr 30min	OCR/GCSE/Computer Science/J277/01	1hr 30min
	Edexcel/GCSE/Maths/H/1MA1	1hr 30min		
	Edexcel/GCSE/Maths/F/1MA1	1hr 30min		
Mon 22 May	OCR/GCDE/Chemistry A/J248/01/F	1hr 45min	AQA/GCSE/Geography /paper 1	1hr 30min
	OCR/GCDE/Chemistry A/J248/03/H	1hr 45min		
	OCR/GCSE/Com Che/J250/03/F	1hr 10min		
	OCR/GCSE/Com Che/J250/09/H	1hr 10min		
Tue 23 May	Edexcel/GCSE/ French F & H/Listening & Reading	1Hr 45min	Edexcel/Btec/National/Applied Science/Unit 1 Bio	40 min
	Edexcel/Btec/National/Applied Science/Unit 1 Che	40 min	AQA/GCSE Religious Studies A/8062/2A Thematic studies	1hr 45min
Wed 24 May	AQA/GCSE/English Literature/8702/2	2hr 15min	AQA GCSE/Media written/8572/2	1hr 30 min
			OCR Cam National/Sport Science/Risk of Sport Injuries/ R041 (Resit)	1hr
			Edexcel/Btec/National/Applied Science/Unit 1 Phy	40 min
			Edexcel/GCSE/Citizenship Studies/ Paper 2	1 hr 45 min
Thu 25 May	OCR/GCSE/Physics A/J249/01/F	1hr 45min	Edexcel/Btec/National/Applied Science/Unit 5 Che	50 min
	OCR/GCSE/Physics A/J249/03/H	1hr 45min	OCR/GCSE/Computer Science/J277/02	1Hr 30min
	OCR/GCSE/Com Phy/J250/05/F	1hr 10min	WJEC/GCSE/Sociology/C200U20/2	1hr 45min
	OCR/GCSE/Com Phy/J250/11/H	1hr 10min		
Fri 26 May	Edexcel/Btec/National/Applied Science/Unit 5 Phy	50 min	Edexcel/Btec/National/Applied Science/Unit 5 Bio	50 min
	OCR/cambridge Nationa/Marketing/R064/Enterprise and marketing concepts	1hr 30 min		
	OCR/GCSE/Economics/j205/02	1hr 30m		

Mon 5 Jun	Edexcel/Btec/National/ Anatomy & Physiology for Health/31493H unit 3	1hr 30min	Edexcel/GCSE/ French F & H/Writing	1hr 20min
	AQA/GCSE English Language/ Explorations in creative reading and writing/8700/1	1hr 45min		
Tue 6 Jun	Edexcel/GCSE/Spanish H&F/ Listening & Reading	1hr 45min		
Wed 7 Jun	Edexcel/GCSE/Maths/H/1MA2	1hr 30min	Edexcel/GCSE/History/ Paper 2:	1 hr 45min
	Edexcel/GCSE/Maths/F/1MA2	1hr 30min		
Thu 08 Jun	OCR/GCSE/Physical Education /J587/02	1 hr	1st Contingency afternoon session for GCSE and/or GCE Examinations should sustained national or significant local disruption arise during the June 2023 examination series	
Fri 09 Jun	AQA/GCSE/Geography / Paper 2	1hr 30min	OCR/GCSE/Biology A/J247/02/F	1hr 45min
			OCR/GCSE/Biology A/J247/04/H	1hr 45min
			OCR/GCSE/Com Bio/J250/02/F	1hr 10min
			OCR/GCSE/Com Bio/J250/08/H	1hr 10min
Mon 12 June	AQA/GCSE English Language/ Writers' viewpoints and perspectives/8700/2	1hr 45 min	OCR/Camb National/iMedia/ R081/Pre-production skills	1hr 15min
Tue 13 Jun	OCR/GCSE/Chemistry A/J248/02/F	1hr 45min	Edexcel/GCSE/Spanish H&F/Writing	1hr 20min
	OCR/GCSE/Chemistry A/J248/04/H	1hr 45min		
	OCR/GCSE/Com Che/J250/04/F	1hr 10min		
	OCR/GCSE/Com Che/J250/10/H	1hr 10min		
Wed 14 Jun	Edexcel/GCSE/Maths/H/1MA3	1hr 30min		
	Edexcel/GCSE/Maths/F/1MA3	1hr 30min		
Thu 15 Jun	Edexcel/GCSE/History/ 1HIB 30-33/Paper 3: Modern depth study	1hr 20min		
Fri 16 Jun	OCR/GCSE/Physics A/J249/02/F	1hr 45min	AQA/GCSE/Geography / paper 3	1hr 15min
	OCR/GCSE/Physics A/J249/04/H	1hr 45min		
	OCR/GCSE/Com Phy/J250/06/F	1hr 10min		
	OCR/GCSE/Com Phy/J250/12/H	1hr 10min		
Mon 19 June	Edexcel/GCSE\$/DT/Timbers	1 hr 45min		
Wed 21 Jun			WJEC/Voc/Unit 1: The Hospitality and Catering Industry	1hr 30min
Wed 28 June	Contingency day for GCSE and/or GCE Examinations should sustained national or significant local disruption arise during the June 2023 examination series			
Thu 17 Aug	AS and A/L : Results for June 2023 released to students			
Thu 24 Aug	GCSE :Results for June 2023 released to students			

**PLEASE NOTE THERE MAY BE EXAMS HELD ON 8<sup>TH</sup> & 28<sup>TH</sup> JUNE AS PART OF A CONTINGENCY ARRANGEMENT**

## MOCK EXAM TOPICS

### (Hospitality & Catering) Catering – Food

Commercial and non-commercial businesses.

Job roles in hospitality

Skills and attributes required.

Equipment used in the kitchen

Types of provision to meet the needs of different client groups

Training and qualifications

EHO

Food safety and legislation – food poisoning / types of bacteria

Allergies

Types of contracts

Star ratings and expected services.

Technology and how it can be used in hospitality.

Health and safety

Planning events

Risk assessment

## Child Development

### **Understand the stages of development of children 0-5 years**

Areas of development; Physical, Intellectual, Social and emotional and Language. Developmental milestones, Patterns of development, suitable resources and activities, the Role of adults in supporting areas of development, Observation Methods, reasons for observing.

### **Understand Factors that may affect children's development**

Personal & External Factors, Positive and negative factors. Transitions and effects on development. Supporting children during transitions and preparing for. The importance of being fair, equal and inclusive towards children.

### **Know the variety of provision available for children in different sectors**

Different types of provision; Voluntary, Private, Statutory, independent and their key features; Ofsted, funded, age appropriate, hours available etc.

### **Understand the responsibilities of early years workers working with children**

Safeguarding, Health and safety, working within EYFS acting professional and as a role model, confidentiality, policies and procedures, managing behaviour, equality and diversity, recognising when to refer, liaising with parents/carers. How to prepare to work in a setting (Sams Letter). The importance of knowing your own responsibilities

### **Understand how to support children's development and meet their individual needs**

Everyday activities, Keeping children safe. The importance of routines. Children's basic needs, encouraging children to become independent. Children's individual needs; stage of development, medical, SEN, personality and interests, family background, current issues. The role of the Early years worker and the importance in meeting children's individual needs

### **Know own preferred learning style and relevant study skills**

Types of learning styles. Metacognition skills; setting goals, planning, monitoring and using strategies, Evaluating learning. Study Skills; Managing time, finding information, Making and taking notes effectively, planning an assignment, reference and bibliography.

## Citizenship

### Section A – Theme E

- 5 Project questions (sent via SMHW)

### Section B – Theme E: Power and influence: others' actions

- Methods used by campaigners
- Describe and Evaluate methods the use (advantages & disadvantages)

### Section C – Theme E: Power and influence: others' actions

- Ways non-governmental organisations support the community
- Reasons why citizen participation in politics in the UK is limited
- Role of the press regulator in the UK.
- Work of the Commonwealth
- Work of the World Trade Organisation
- Advantages & Disadvantages of the ways to prevent international conflict
- To what extent is Action, within the local community, the most effective way to address injustice



## Computing

Computing paper 2 Topics:

Logic Gate

Flowcharts

Quick sort and merge sort

Description of programming languages and translators

Data types

SQL

Test Plans

Python:

Read and write Sequence, Selection and Iteration

Create and call a function in Python

Store to and call from an Array

Write a code to include a while statement

## DT

See class teacher and list topics here

- How energy is generated and stored
- Modern and smart materials, composite materials and technical textiles
- Ferrous and non-ferrous metals
- Papers and boards
- Thermoforming and thermosetting polymers
- Natural, synthetic, blended and mixed fibres, and woven, non-woven and knitted textiles
- Natural and manufactured timbers
- Sources, origins, physical and working properties, and social and ecological footprint
- Selection of timbers
- Forces and stresses
- Manufacturing to different scales of production
- Specialist techniques, tools, equipment and processes
- Surface treatments and finishes

## English

### **English Language Exam:**

English Language Paper 1: Questions 1 to 5

*Except Ms Sullivan Sparks' class, who will sit English Language Paper 2: Questions 1 to 5*

No advance information on topics

### **English Literature Exam:**

There will be one question available on each of the following texts: *Macbeth*, *The Strange Case of Dr Jekyll and Mr Hyde*, *An Inspector Calls* and *Anthology Poetry*.

Of these four questions, you will answer TWO only. You will decide which ones depending upon where you are with your revision. Your teacher may provide guidance about which two to answer.

No advance information on topics



## Geography

### Case Studies List

- Rio De Janeiro case study (Kerboodle pg. 152-162)
- London case (Mr Ameen's Class) (Use class notes)
- Sustainability in London Olympic Village Westfield (Mr Ameen's Class)
- Bristol case study (Mr Goodwin's Class) (Kerboodle pg. 164-184)
- Nigeria Case Study (Kerboodle pg. 218-232)

### Topics List

- Urban Issues and Challenges (Kerboodle pg. 146 onwards)
- Sustainable Urban Development (Kerboodle pg. 186-190)
- Migration (Kerboodle pg. 206)
- Industrial development
- Development (Kerboodle pg. 194-216)
- Development indicators (Kerboodle pg. 194-195)
- Demographic Transition Model (Kerboodle pg. 198)
- Aid
- TNC's (Trans National Corporations)
- Resource Management (Kerboodle pg. 256-262)
- Food Management (Kerboodle pg. 256-274)
- Energy Management (Kerboodle pg. 288-298)

## History

Please refer to your Revision and Review schedule for details of topic codes, as discussed at Parents' Evening and in class. Mock topics as follows:

1 hour 30 minute mock consisting of:

1x16 mark interpretation Q topic US2

1x 8 mark how useful Q topic US3

2x 8 mark explain the importance Q topic S1-S3

1x 12 mark explain Q topic E1

## ICT – iMedia

iMedia:

Moodboards

Client brief

Work Plan

Visualisation diagram

scripts

file format for audio

Legislation

Mind maps

**FOUNDATION TIER**

<b>NUMBER</b>	<b>ALGEBRA</b>	<b>SHAPE &amp; SPACE</b>	<b>DATA HANDLING</b>
Place value	Simplify an expression	Metric conversion	Interpret a pictogram
Order fractions, decimals and percentages	Substitute into and solve a linear equation	Transformation	Complete a bar chart
Negative numbers	Continue a pictorial sequence	Volume of a cylinder	Complete a frequency tree
Fractions	Write a pictorial sequence numerically	Angles in polygons	Stem and leaf diagram
Estimation	Solve a linear inequality	Similar shapes	Estimated mean
Recipe question	Use a word equation	Convert metric unit	Scatter graph
Percentage of an amount	Simplify an expression	Measure the length of a line	Probability
Product of prime factors	Solve an equation	Measure the size of an angle	Mean problem
Ratio	Write an expression	Interpret a timetable	Tree diagram
Standard form	Linear sequences	Plan, side and front elevation	
Order integers	Quadratic graphs	Area of 2D shapes	
Write a percentage as a fraction	Use a conversion graph	Trigonometry	
Identify an odd number	Simplify indices	Perimeter	
Order fractions	Solve an inequality	Work out the perimeter of a compound shape	
Best value problem	Solve simultaneous equations graphically	Construction	
Proportionality	Interpret graphs	Draw a plan of a solid	
Compound interest		Speed, distance and time	
Reciprocal of a number		Density	
Error interval			
Percentages			

**HIGHER TIER**

<b>NUMBER</b>	<b>ALGEBRA</b>	<b>SHAPE &amp; SPACE</b>	<b>DATA HANDLING</b>
Product of primes	Quadratic graph	Angles in polygons	Estimate of the mean
Converting ratio, fractions and percentages	Simplifying indices	Density	Cumulative frequency
Standard form	Algebraic fractions	Surface area	Probability
Problem involving ratio and probability	Equation of a tangent to a circle	Circles	Scatter graph
Write a recurring decimal as a fraction	Linear sequences	Gradient of a curve	Draw a box plot
direct and inverse proportion	Solve an inequality	Area under a curve	Problem involving sampling
Compound interest	Identify inequalities	Vectors	Tree diagram
Problem involving percentage	Solve a quadratic equation	Plan and elevation	Problem involving the mean
Estimation	Functions	Parallel lines	Histograms
Recurring decimal	Speed, distance, time problem	Area of a non-right angled triangle	
Error interval for a given number	Simultaneous equations (graphically)	3D trigonometry	
Lower and upper bounds	Expand three sets of brackets	Similar shapes	
Ratio problem	Represent inequalities on a graph	Volume of a prism	
	Invariant point	Transformation	
	Regions	Circle theorems	

## Media

### Paper 1

- Unseen magazine or advert
- Magazines: Tatler and Heat
- Radio: BBC Radio 1 Launch Day and KISS Breakfast
- Film: Black Widow and I, Daniel Black Trailers and promotion
- Music Videos: I Bet You Look Good on the Dance Floor (Arctic Monkeys) and How You Like That (Black Pink)
- Newspapers: The Times and The Daily Mirror

## MFL (French & Spanish)

### French

### Topics

Paper 4 – Writing (in the Hall)

### Higher paper:

Work - Hobbies - Charity and voluntary work- Big events -Holidays - Learning languages.

### Foundation paper:

Holidays - A school exchange- Booking a hotel – Work- Hobbies

Paper 3- Reading and understanding (in the hall)

Theme 1 - Family and Hobbies

Paper 1- Listening and understanding (in the classroom)

Theme 2 - Holidays and Town

Theme 3 - School

Theme 4 - Work

Theme 5 - Voluntary Work



<b>MFL (French &amp; Spanish)</b>	
<b>Spanish</b>	<b>Topics</b>
Paper 4 – Writing (in the Hall)	<p><b>Higher paper:</b></p> <p>Work – Family - My neighbourhood - The environment – School subjects.</p> <p><b>Foundation paper:</b></p> <p>Shopping - Visiting Barcelona - Sports events – Work - Family - My class</p>
Paper 3- Reading and understanding (in the hall)	<p>Theme 1 - Family</p> <p>Theme 2 - Holidays and Town</p> <p>Theme 3 - School clubs</p> <p>Theme 4 - Work</p> <p>Theme 5 - Voluntary Work</p>
Paper 1- Listening and understanding (in the classroom)	

<b>Religious Studies</b>
<p>You will be completing an Exam on Paper 2 – Thematic Studies</p> <p>The topics covered are:</p> <p>Theme A – Attitudes towards sex, sexuality, marriages and relationships.</p> <p>Theme B – Attitudes towards creation, environment, abortions, euthanasia and animal rights.</p> <p>Theme D – Attitudes towards war, conflicts, Weapons of Mass Destructions, terrorism and violence.</p> <p>Theme E – Attitudes to types and causes of crime, forms of punishments, death penalty and forgiveness</p>

Science

**Combined Science**

<p><b>B4 – Community-Level Systems</b></p> <p>Ecosystems</p> <p>Abiotic and biotic factors</p> <p>Competition and interdependence</p> <p>Nutrient cycling</p> <p>The carbon cycle</p> <p>Decomposers</p> <p>PAG</p>	<p><b>B5 - Genes, inheritance and selection</b></p> <p>Inheritance</p> <p>Variation</p> <p>Sexual and asexual reproduction</p> <p>Meiosis</p> <p>Dominant and Recessive alleles</p> <p>Genetic crosses</p> <p><b>Mutations</b></p> <p>Natural selection</p> <p>Evidence of evolution</p> <p>Classification systems</p>	<p><b>B6 – Global challenges</b></p> <p>Sampling techniques/PAG</p> <p>Loss of biodiversity</p> <p>Increasing biodiversity</p> <p>Maintaining biodiversity</p> <p>Feeding the world</p> <p>Selective breeding</p> <p>Genetic Engineering</p> <p><b>Producing a genetically engineered organism</b></p> <p>Use of biotechnology in farming</p> <p>Health and disease</p> <p>Human infections</p> <p>Plant diseases</p> <p>Blood body defence systems</p> <p>Vaccinations</p> <p>Non communicable diseases</p> <p>Treating cardiovascular disease</p> <p>Modern advances in medicine</p>
<p><b>P1 Matter</b></p> <p>The particle model</p> <p>Model of the atom</p> <p>Changes of state</p> <p>Density</p>	<p><b>P2 Forces</b></p> <p>Motion</p> <p>Speed</p> <p>Acceleration</p> <p>Distance – time graphs</p>	<p><b>P3 Electricity and Magnetism</b></p> <p>Static and charge</p> <p>Electrostatics</p> <p>Electric current</p> <p>Simple circuits</p>

Specific heat capacity	Velocity-time graphs	Series and parallel circuits
Specific latent heat	Kinetic energy	Resistance
Pressure	Newton's laws	I-V graphs
Gas pressure and temperature	Forces and interactions	LDRs and thermistors
PAG	<b>Free body diagrams</b>	Sensing circuits
	<b>Momentum</b>	Electrical power
	Work and power	Magnets and magnetic fields
	Forces in action	Current and fields
	Stretching springs	<b>Uses of magnetism</b>
	GPE	PAG
	PAG	

*Italics and bold for higher tier only.*

### Triple Science

<b>B4 – Community-Level Systems</b>	<b>B5 - Genes, inheritance and selection</b>	<b>B6 – Global challenges</b>
Ecosystems	Inheritance	Sampling techniques/PAG
Abiotic and biotic factors	Variation	Loss of biodiversity
Competition and interdependence	Sexual and asexual reproduction	Increasing biodiversity
Pyramids of biomass	Meiosis	Maintaining biodiversity
Efficiency of biomass transfer	Dominant and Recessive alleles	Food security
Nutrient cycling	Genetic crosses	Feeding the world
The carbon cycle	Mutations	Selective breeding
Decomposers	History of genetics	Genetic Engineering
	Natural selection	Use of biotechnology in farming
		Health and disease

<p>PAG</p>	<p>Evidence of evolution The theory of evolution Classification systems PAG</p>	<p>Human infections Plant diseases and defences Blood body defence systems Monoclonal antibodies Vaccinations Aseptic technique Non communicable diseases Treating cardiovascular disease Modern advances in medicine</p>
<p><b>C4 – Predicting and identifying reaction and products</b></p> <p>Alkali metals The halogens The noble gases The transition metals Reactivity of elements Detecting gases Detecting cations Detecting anions Instrumental methods of analysis PAG</p>	<p><b>C5 – Monitoring and controlling chemical reactions</b></p> <p>Theoretical &amp; percentage yield Atom economy Titrations/calculations Gas calculations Rates of reactions Reversible reactions Equilibrium position Choosing reaction conditions PAG</p>	<p><b>C6 – Global challenges</b></p> <p>Fertilisers Haber and contact processes Extracting metals/biological Alloys Corrosion/ reducing corrosion Composite materials Recycling materials Life cycle assessments Alkane, alkenes and alcohols Carboxylic acids Polymers Pollution and the atmosphere Climate change Water for drinking PAG</p>

## Sociology

### Stratification & Differentiation

- Effects /impact of stereotypes on (CAGEDS)
- Patterns & Trends
- Inequality & Life chances
- To what extent do gender differences still affect inequality in the UK
- Ways people are exploited
- Theoretical views on poverty

### Crime & Deviance

- Social construction of crime & deviance
- Age & crime
- Theories & crime (including Functionalism; Subcultural; Strain; Marxism & Feminism)

### Research Methods

- Types of research methods (advantages & disadvantages)
- Practical, Ethical & Theoretical issues affecting social research
- Examples of research