

Eastbrook School

Year 11 Mock exam

November 2021

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Dear Student and Parents,

RE: Yr11 Mock exams, w/b 22nd November 2021

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, students would have been learning these topics since Yr10. Please prepare thoroughly for the scheduled exams, these mock exams are very important to us and to all students. We must inform students that their performance in these mocks might be used as part of the evidence to determine a Teacher Assessed Grade if exams are cancelled 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 2022, 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

Yr11 Nov_Dec Mocks 2021 22	Period 1	Period 2	Period 3	Period 4	Period 5	Yr11 Form	Period 6
110010 2021_22	09:05 - 10:00	10:05 - 11:00	11:30 - 12:25	12:30 - 13:25	13:55 – 14:50	14:55 - 15:15	15:20 - 16.15
<u>A Mon</u> 22 nd Nov	Normal lessons	Normal lessons	Option 2 (1hr30min) East Hall, S.2.06 & S.2.05 Computing Geography History Option 2 Art (5hrs) S.1.02		Normal lessons	Normal form time	No P6 lessons
			-				
<u>A Tue</u> 23 rd Nov	English Language (1hr45min) East Hall, Brook Hall, S.2.06, S.2.05	& S.2.07	Normal lessons	Community Languages - Reading (1hr) Brook Hall Turkish, Italian, Polish, Russian, Urdu, Portuguese. Greek, Persian &Bengali	Normal lessons	Normal form time	Normal lessons
<u>A Wed</u> 24 th Nov	Maths P1 non-calc (1hr30min) Foundation East Hall, S.2.06, S.2.05 & S.2.07 Higher Brook Hall, S.2.06, S.2.05 & S.2.07		Normal lessons	Normal lessons	Option 3 (1hr30min) East Hall, S.2.06, S.2.05 & S.2.07 Computing DT Catering Brook Hall, S.2.06, S.2.05 & S.2.07 Child Development Sociology (1hr45min)		
<u>A Thu</u> 25 th Nov	Triple Science C1-3 & PAG (1hr30min) H Combined Science C1-3 & PAG (1hr30min) H Combined Science C1-3 & PAG (1hr30min) F East Hall, Brook Hall, S.2.06, S.2.05 & S.2.07		Normal lessons	Normal lessons	Option 4 (1hr30min) Brook Hall, S.2.06, S.2.05 & S.2.07 RS PE		
<u>A Fri</u> 26 th Nov	Normal lessons	Option 1 (1hr) East Hall, S.2.06 & S.2.07 French Reading Higher French Reading Foundation Spanish Reading	Normal lessons	Normal lessons	Normal lessons	Normal form time	No P6 lessons
	Option 1 Photography (5hrs) S.1.05 Option 1 Art (5hrs) S.1.02					-	
<u>B Mon</u> 29 th Nov	Maths P2 Calc (1hr30min) Foundation East Hall, S.2.06, S.2.05 & S.2.07 Higher Brook Hall, S.2.06, S.2.05 & S.2.07		Normal lessons	Normal lessons	Option 1 (1hr30min) East Hall, S.2.06, S.2.05 & S.2.07 French Writing Higher French Writing Foundation Spanish Writing Geography		
<u>B Tue</u> 30 th Nov	English Literature (1hr45min) East Hall, Brook Hall, S.2.06, S.2.05	& S.2.07	Normal lessons	Normal lessons	Normal lessons	Normal form time	Normal lessons
<u>B Wed</u> 1 st Dec	Normal lessons	Normal lessons	Triple Science Paper C4-6 & PAG (1h Combined Science C4-6 & PAG (1hr Combined Science C4-6 & PAG (1hr East Hall, Brook Hall, S.2.06, S.2.05 &	hr30min) H 80min) H 30min) F 5.2.0	Normal lessons	Normal form time	Normal lessons

Art

Please see your class teacher direct and note down topics for revision in this space.

Art Photography

Please see your class teacher direct and note down topics for revision in this space.

(Hospitality & Catering) Catering – Food

Roles and responsibilities within hotel sector

Processing deliveries

Equipment in commercial kitchens

The effect of international events on the hospitality and catering sector

Dress codes in the hospitality

Types of holiday accommodation

Food safety and food safety legislation

COSHH (Control of Substances Hazardous to health)

The role of the Environmental Health Officer

Hospitality & catering provisions in theme parks

Child Development

Stages of development

Factors that may affect development

Methods of observation

Transitions

Everyday care and routines

Types of childcare provision

Learning styles and study skills

Computing

Impacts of digital technology

- 1. Ethical and cultural issues
- 2. Environmental issues
- 3. Legislation and privacy

Algorithms

- 1. Computational thinking
- 2. Searching algorithms
- 3. Sorting algorithms
- 4. Flowcharts
- 5. Pseudocode
- 6. Interpreting algorithms

DT

Metals: properties & uses Timbers: properties & uses Textiles: properties & uses Polymers: properties & uses Papers and boards: properties & uses Percentage, ratio and area calculations Isometric drawing **Developments nets** Energy generation and storage Electronic components Flow charts for programmable systems Bar charts **Design strategies** Sustainability Scales of production Surface finishes

English

English Language

Paper 1

Questions 1 to 5

No pre-release of content

English Literature

Question 1 Shakespeare

Topic: Lady Macbeth

Questions 2 and 3 Unseen Poetry

No pre-release of content

(GCSE) PE

Applied Anatomy and Physiology

- The structure and function of the skeletal system
- The structure and function of the muscular system
- Movement analysis
- The cardiovascular and respiratory systems
- Effects of exercise on the body systems

Physical Training

- Components of fitness
- Applying the principles of training
- Preventing injury in physical activity and training

Socio – Culture Influences and sports psychology

- Engagement patterns of different social groups in physical activities and sports
- Commercialisation of physical activity and sport
- Ethical and social culture issues in physical activity
- Goal setting and metal preparation
- Types of guidance and feedback

Health Fitness and well being

- Sedentary lifestyles
- Diet and nutrition

Geography

Natural Hazards

Tectonic Hazards

Weather Hazards

Climate Change

Ecosystems

Tropical Rainforest

Cold Environments

History

Early Elizabethan England 1558-1589 paper 2 – this will be a full paper with one description question (4 marks), one explain question and one judgement question

Key Topic 1.2 The 'settlement' of religion

- Religious divisions in England in 1558.
- Elizabeth's religious Settlement (1559): its features and impact.
- The Church of England: its role in society.

Key Topic 1.3 Challenge to the religious settlement

- The nature and extent of the Puritan challenge.
- The nature and extent of the Catholic challenge, including the role of the nobility, Papacy and foreign powers.
- The reasons for, and significance of, Mary Queen of Scots' execution in 1587.

Key Topic 2.2 Relations with Spain

- Political and religious rivalry
- Commercial rivalry. The New World, privateering and the significance of the activities of Drake.

Key Topic 2.3 The outbreak of war with Spain, 1585-88

- English direct involvement in the Netherlands, 1585–88. The role of Robert Dudley.
- Drake and the raid on Cadiz: 'Singeing the King of Spain's beard'.

Key Topic 2.4 The Armada

- Spanish invasion plans. Reasons why Philip used the Spanish Armada.
- The reasons for and consequences of the English victory.

Key Topic 3.1 Education and leisure

- Education in the home, schools and universities.
- Sport, pastimes and the theatre.

<u>Superpower relations and the Cold War 1941-1991</u> paper 2- this will not be a full paper – you will cover all 3 exam skills. You will be asked to give one consequence, one narrative and one importance question

Key topic 1.2 The development of the Cold War

- The impact on US-Soviet relations of the Truman Doctrine and the Marshall Plan, 1947.
- The significance of Cominform (1947), Comecon (1949) and the formation of NATO (1949).

Berlin: its division into zones. The Berlin Crisis (blockade and airlift) and its impact. The formation of the Federal Republic of Germany and German Democratic Republic.

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Key topics 2.1 Cold War crises, 1958–70;

Berlin 1958-63. Increased tension and impact of Berlin Wall

- The refugee problem in Berlin, Khrushchev's Berlin ultimatum (1958), and the summit meetings of 1959–61.
- The construction of the Berlin Wall, 1961.
- Impact of the construction of the Berlin Wall on US-Soviet relations. Kennedy's visit to Berlin in 1963. .

Key topics 2.2 Cold War crises, 1958–70; The Cuban Missile Crisis

- Soviet relations with Cuba, the Cuban Revolution and the refusal of the USA to recognise Castro's government. The significance of the Bay of Pigs incident.
- The events of the Cuban Missile Crisis
- The consequences of the Cuban Missile Crisis: the 'hotline', the Limited Test Ban Treaty 1963, the Outer Space Treaty 1967, the Nuclear Non-Proliferation Treaty 1968.

Maths Foundation

TOPIC TO REVISE FOR FOUNDATION PAPER 1

NUMBERS	ALGEBRA	SHAPES&SPACE	DATA HANDLING	
Use place value	Simplify an expression	Find the difference between two lengths of time	Use a pictogram	
Round to one decimal place	Interpret a distance-time graph	Word problem involving metric mass conversion	List the possible outcomes	
Multiply by 100	Solve a one-step equation then use substitution	Calculate the size of an angle	Complete a frequency tree	
Simplify a fraction	Write down an inequality	Plot a given point	Use a frequency tree	
Write a percentage as a decimal	Simplify an expression involving indices	Work out the coordinates of the midpoint of a given line	Interpret pie charts	
Word problem involving money		Construct a perpendicular line	Word problem involving means	
Use an approximation		Calculate the size of an angle		
Find the LCM		Scale drawing problem and bearings		
Word problem involving ratio		Problem involving finding the size of an unknown angle		
Multiply mixed numbers		Area of parts of circle		
Long multiplication				

TOPIC TO REVISE FOR FOUNDATION PAPER 2

NUMBERS	ALGEBRA	SHAPES&SPACE	DATA HANDLING	
Order integers	time	Enlarge a shape	probability of an event occurring	
Round to the nearest thousand	Use a conversion graph	Use scale factor	Averages	
Write a decimal as a percentage	Using formulae	Find the size of an unknown angle	Identify errors in a frequency polygon	
square root of a decimal number	Identify an identity	surface area and volume of a cube and cuboid	Use a stratified sample	
Powers	Match a graph to an equation	Problem involving circles and area		
Word problem involving money	Proof involving sequences			
fraction of an amount	substitution and rearranging an equation			
Midpoint of two fractions				
Word problem involving money				
simple interest				
Use a recipe				
Use estimation				
Calculate an error interval				
Word problem involving ratio				
standard form				

Maths Higher

TOPIC TO REVISE FOR HIGHER PAPER 1

NUMBERS	ALGEBRA	SHAPES&SPACE	DATA HANDLING
Find the LCM of two numbers	Simplify an expression involving indices	Construct a perpendicular line	Word problem involving means
Word problem involving ratio	Change the subject of formula	Calculate the size of an angle	cumulative frequency graph
Multiply mixed numbers	Add two algebraic fractions	Scale drawing problem and bearings	Probability word problem
Write a recurring fraction as a decimal	factorise an expression	Speed, distance, time problem	
Rationalise the denominator of an expression	Problem involving algebra and the area of a 2D shape	Convert km/h to m/s	
	Estimate solutions from quadratic graph	Problem involving similarity and volume	
	Solve simultaneous equation graphically		
	Solve an equation involving indices		
	Simplify algebraic fractions		
	Solve quadratic inequalities		
	Factorise expressions		
	Expand expressions		

TOPIC TO REVISE FOR HIGHER PAPER 2

NUMBERS	ALGEBRA	SHAPES&SPACE	DATA HANDLING	
Compound interest	Algebraic fraction	angles on parallel lines	Venn diagram	
Write number in standard form	Sketch exponential graph	Solve area/money problem	scatter graph	
			Solve tree diagram type probability	
standard form	Interpret equation of a circle	Find missing value given gradient	problem	
Truncation error interval	Solve algebraic ratio problem	Describe single transformation	Interpret probability to frequency	
	Solve simultaneous equation			
Solve ratio, percentage profit problem	graphically	Solve 2D shape perimeter problem	Histograms	
Find number of combinations	Solve two part inequality	Solve frustum, hemisphere density problem	Pie chart	

MFL (French & Spanish)

French

Writing:

Friendship and Family relationship

Town and holiday

School

Reading:

+ Social media, free time activities and celebrations

Spanish

Writing:

TV and Cinema

Role models

Town and School

Reading:

+ Holidays and celebrations

Religious Studies

Judaism - Teachings and Beliefs - (5 questions)

- The nature of God
- The divine presence (Shekhinah).
- Beliefs about life after death, including judgement and resurrection.
- The nature and role of the Messiah, including different views on the role and importance of the Messiah.
- The promised land and the Covenant with Abraham, Genesis 12:1-3.
- The Covenant of Moses and the Ten Commandments, Exodus 20:1-17.
- Key moral principles including justice, healing the world, charity and kindness to others.
- The importance of the sanctity of human life, including the concept of 'saving a life' (Pikuach Nefesh).
- The relationship between free will and the 613 mitzvot.
- Mitzvot between man and God and mitzvot between man and man, including the difference between them and their importance.

Themes - A, B, C, E (10 questions will be randomly picked to cover all themes - *No 12-mark questions***)**

Topic information can be found at: <u>https://www.aqa.org.uk/subjects/religious-</u> <u>studies/gcse/religious-studies-a-8062/subject-content/component-2-thematic-studies</u>

Science

Paper 1

Triple Science C1-3 & PAG

Combined Science C1-3 & PAG

Paper 2

Triple Science Paper C4-6 & PAG

Combined Science C4-6 & PAG

Sociology

Paper 1: Understanding Social Processes

Processes of socialisation

- Social processes linked to contexts
- Key terms

Family

- Sociological theories
- Reasons for less children

Education

- Social class & achievement
- Gender & achievement
- Labelling & achievement
- Sociological theories

Research Methods

- types of research methods (Advantages & Disadvantages)
- Primary & Secondary methods
- Practical, Ethical & Theoretical (PET) issues