

# Year 10 Mock Examination Booklet 2021 - 2022

Purpose of this booklet:

To collate all exam information for Year 10 Pupils and Parents / Carers to ensure that revision is timely and organised prior to examinations starting on the 21<sup>st</sup> June.





# Year 10 Mock Examination Booklet

## 2021 - 2022

<b>Tue 14 Jun</b>	9:00am – 15:00pm	Art Practical
<b>Tue 21 Jun</b>	9:00am – 10:30am	Food & Nutrition
<b>Tue 21 Jun</b>	9:00am – 10:30am	Product Design
<b>Tue 21 Jun</b>	9:00am – 10:15am	History Paper 1
<b>Wed 22 Jun</b>	9:00am – 10:15am	Music Listening and Appraisal
<b>Wed 22 Jun</b>	9:00am – 11:00am	BTEC Health and Social Care
<b>Wed 22 Jun</b>	11:30am – 12:45pm	GCSE PE
<b>Wed 22 Jun</b>	11:30am – 13:00pm	GCSE Dance

### **Study leave begins Thursday 23<sup>rd</sup> June**

<b>Fri 24 Jun</b>	9:00am – 10:45am	English Language
<b>Fri 24 Jun</b>	11:30am – 13:00pm	Maths Paper 1 Calc F&H
<b>Mon 27 Jun</b>	9:00am – 10:10am	Biology Triple
<b>Mon 27 Jun</b>	9:00am – 10:10am	Biology Foundation
<b>Mon 27 Jun</b>	9:00am – 10:10am	Biology Higher
<b>Mon 27 Jun</b>	11:30am – 12:10pm	English Literature
<b>Tue 28 Jun</b>	9:00am – 10:40am	RS Paper
<b>Tue 28 Jun</b>	11:30am – 13:00pm	Maths Paper 2 Non Calc F&H
<b>Wed 29 Jun</b>	9:00am – 9:55am	Geography
<b>Wed 29 Jun</b>	9:00am – 9:55am	History Paper 2
<b>Wed 29 Jun</b>	11:30am – 12:40pm	Chemistry Triple
<b>Wed 29 Jun</b>	11:30am – 12:40pm	Chemistry Foundation
<b>Wed 29 Jun</b>	11:30am – 12:40pm	Chemistry Higher
<b>Thur 30 Jun</b>	9:00am – 10:10am	Physics Foundation
<b>Thur 30 Jun</b>	9:00am – 10:10am	Physics Triple
<b>Thur 30 Jun</b>	9:00am – 10:10am	Physics Higher
<b>Thur 30 Jun</b>	11:30am – 12:45pm	Latin



### Examination Logistics

On each day that you have an exam at 9am, you will need to be in school at **8:30**. **Line up and call in will begin at 8:40**. If you arrive after **9:10** without a valid excuse, you will automatically get a 0 in your test. You will still the paper at a different time for data purposes, but your official score will be 0. If you are running late, you need to call school and communicate the reasoning, so we are aware before your arrival. Should you arrive late, your examination will still finish at its specified time.

You will be asked to hand in your mobile phone and smart watches at the start of the examination into a box which will stay at the front of the hall for the duration of the exam. Once the exam is finished, these will be returned.

Your pencil case must be see-through with the necessary equipment needed for the examination. No equipment will be handed out to pupils. Please ensure you take note on the days when you need specialised equipment, such as a calculator or a maths set.

All pupils will need to be in full school uniform for the examinations.

You will be contacted individually for your exam timetables. Some of you will sit your mocks down at St Matthew's church. This means that you will be lining up and completing your examinations there.

### Revision lists

In the following pages, you will find the complete list of what you will need to revise for each subject that you take. Please only take note of those that you are taking for GCSEs. Please ignore the lists that you do not study.

Everything on this list is what will be in your examination. Please consult and communicate with your teacher for that subject if you need any more information.

Please highlight the dates of your examinations and the subjects you take.



### English

#### GCSE English Language Revision List:

#### Paper 1: Explorations in Creative Reading and Writing. (80 Marks – 50% of GCSE)

##### Section A: (40 Marks)

Reading – One literature fiction text. (1 hour) 15 minutes reading time

1 short form question (1 x 4 marks) 5 minutes

2 longer form questions (2 x 8 marks) 10 minutes each

1 extended question (1 x 20 marks) 20 minutes

##### Section B: (40 Marks)

Writing – Descriptive or narrative writing (45 minutes)

1 extended writing question (24 marks for content, 16 marks for technical accuracy)

##### What can I do to revise?

Use BBC Bitesize to guide you on ‘analysing fiction’ -

<http://www.bbc.co.uk/education/topics/zc6bcdm>

Read through the notes you made when studying Narrative and Descriptive writing.

Use BBC Bitesize to guide you on ‘writing fiction’ -

<http://www.bbc.co.uk/education/guides/zgj72hv/revision>

#### Year 10 English Literature GCSE Revision List.

##### 19<sup>th</sup> Century Novel – ‘The Sign of the Four’ (50 minutes)

Students will be required to write in detail about an extract from the novel and then to write about the novel as a whole.

##### What can I do to revise?

- Re-read your ‘Sign of the Four’.
- Review notes and marked work on your ‘Sign of the Four’.
- Create a mind-map for key characters (who are they, what do they do, who are they linked with, what happens to them, key quotes?) and events (what happens, when, with whom, key quotes?).
- Use BBC Bitesize to revise plot, character, theme, form, structure and language here for ‘Sign of the Four’ -  
<http://www.bbc.co.uk/education/topics/zx8pycw>
- Have a look at ‘The Sign of the Four: York Notes for GCSE’ - since our exam board (AQA) are the only exam board to study ‘The Sign of the Four’ for GCSE, the text is tailored to this.



### Maths

#### Foundation

#### Higher

Algebra skills	Algebra Skills
Number skills	Sequences
Powers	Probability
Sequences	Scale Drawing
Construction, Loci and Bearings	Estimation
Probability	Simultaneous Equations
Equations	Equations and Graphs
Equations of straight lines ( $y = mx + c$ )	Linear Equations
Integers	Quadratics
Time Series	Area and Circles
Tables of Data	Surds
Sampling	Circle Theorems I
Percentages of Amounts	Vector
Direct and Inverse Proportion	
Area and Volume	
Interpreting and Representing Data	
Perimeter and Area of Circles	
Fractions	
Surface Area	



### Science

Class	Biology Paper 1	Chemistry Paper 1	Physics Paper 1
Set 1	<b>Revision guide Topics 1-5</b> Key concepts, Cells & Control, Genetics, Natural Selection, Health/Disease & Medicine	<b>Topics 1-5</b> Key concepts, States of Matter, Chemical changes, Separate Chemistry 1	<b>Revision guide Sections 1-3</b> Motion, Force & Energy, Waves and EM Spectrum, Radioactivity and Astronomy
Set 2/3/4	<b>Revision guide Sections 1-5</b> Key concepts, Cells & Control, Genetics, Natural Selection, Health/Disease & Medicine	<b>Revision guide Sections 10-13</b> Key concepts, States of Matter, Chemical changes, Extracting Metals	<b>Revision guide Sections 17-19</b> Motion, Force & Energy, Waves and EM Spectrum, Radioactivity
Sets 5	<b>Revision guide Sections 1-3</b> Key concepts, Cells & Control, Genetics	<b>Revision guide Sections 10-11</b> Key concepts, States of Matter	<b>Revision guide Sections 17-18</b> Motion, Force & Energy, Waves

#### Set 1 Revision Resources

[GCSE Biology \(Single Science\) - Edexcel - BBC Bitesize](#)

[GCSE Chemistry \(Single Science\) - Edexcel - BBC Bitesize](#)

[GCSE Physics \(Single Science\) - Edexcel - BBC Bitesize](#)

[Edexcel Biology Past Papers - Revision Science](#)

[Edexcel Chemistry Past Papers - Revision Science](#)

[Edexcel GCSE Physics Revision - PMT \(physicsandmathstutor.com\)](#)

#### Set 2 - 5 Revision Resources

[Biology \(Combined Science\) - GCSE Science Revision - Edexcel - BBC Bitesize](#)

[Chemistry \(Combined Science\) - GCSE Science Revision - Edexcel - BBC Bitesize](#)

[Physics \(Combined Science\) - GCSE Science Revision - Edexcel - BBC Bitesize](#)

[GCSE Combined Science Edexcel Past Papers | Maths Made Easy](#)



### RS

**Paper 1 – 2 Questions on Christianity – 1:45hrs**

**Paper 2 – 2 Questions on Islam - 50mins**

**Paper 1 Question 1 – Christian Key Beliefs**

- The Trinity.
- The creation of the universe and of humanity.
- The Incarnation.
- The last days of Jesus’ life.
- The nature and significance of salvation and the role of Christ within salvation.
- Christian eschatology.
- The problem of evil/suffering and a loving God.

**Paper 1 Question 2 – Christian Practices**

- Christian worship.
- The role of the sacraments in Christian life and their practice in two denominations.
- The nature and purpose of prayer
- Pilgrimage.
- Christian religious celebrations.
- The future of the Christian Church.
- The role and importance of the local church in the local community.

**Paper 2 Question 1 – Key Islam Beliefs**

- The six key beliefs of Islam.
- The five roots of ‘Usul ad-Din in Shi’a Islam.
- The nature of Allah.
- Risalah and Muslim holy books (kutub).
- Malaikah.
- Al-Qadr.
- Akhirah.

**Paper 2 Question 2 – Islam Practices**

- Ten Obligatory Acts of Shi’a Islam and the Five Pillars in Sunni Islam,
- Shahadah: Salah: Sawm: Zakah: Hajj.
- Jihad.
- Festivals: Id-ul-Adha, Id-ul-Fitr, Id-ul-Ghadeer, Ashur.



### History

#### Revision advice

You should use your exercise books and the revision guides (which will be provided by your teacher) to complete your revision. There will be scans of the relevant textbook pages, advice on exam techniques and links to helpful websites on Teams. Remember to make your revision active – create flashcards, timelines and mind maps, and spend time memorising key information for each topic.

<u>Paper 1 – Medicine in Britain</u>	<u>Paper 2 – Henry and his Ministers</u>
<p><b>WWI Depth Study</b></p> <ul style="list-style-type: none"> <li>·The evacuation route – what the stages were and specific information about each stage of the route</li> <li>Blood transfusions – how they were developed during WWI and how successful they were</li> </ul> <p><b>Medicine through time</b></p> <p>The importance of the church for medicine in medieval Britain.</p> <p>Prevention of illness from 1700-1900 – the work of Jenner, Pasteur Koch, Snow and the Public Health Acts of 1848 and 1875.</p> <p>Advances in surgical treatment from 1700-present day.</p> <p>Medical knowledge from 1500-1700 – Vesalius, Sydenham, Harvey, the printing press and royal society, change and continuity in treatment.</p>	<p>Henry’s marriage to Jane Seymour.</p> <p>Cromwell’s rise to power.</p> <p>Henry’s successes from 1509-1529 – consider domestic reforms, foreign policy, succession, marriage.</p> <p>The Pilgrimage of Grace – causes, events and consequences.</p>





### **GCSE PE**

1 Paper – 1h 15 mins

### **Key Content**

#### The Structure and Function of the Musculoskeletal System

- Bones
- Structure of the skeleton
- Function of the skeleton
- Muscles
- Synovial joints
- Movement at a joint
- Antagonistic pairs

#### The Structure and Function of the Cardio – Respiratory System

- Pathway of air
- Gaseous exchange
- Blood vessels
- Structure of the heart
- Cardiac cycle and pathway of blood
- Mechanics of breathing
- Interpretation of spirometer trace

#### Anaerobic and Aerobic Exercise

- Understanding the terms Aerobic and Anaerobic exercise
- EPOC
- Recovery process from vigorous exercise

#### Short- and Long-term effects of exercise

- Immediate effects (during exercise)
- Short term effects of exercise (up to 36 hours after exercise)
- Long-term effects of exercise (months and years of exercising)

#### How to Optimise Training and Prevent Injury

- Calculating intensities
- Considerations to prevent injury
- Altitude training
- Seasonal aspects

#### The Relationship between Health and Fitness

##### Components of Fitness

- Fitness tests
- Components of fitness
- Reasons and limitations for fitness testing

##### Principles of Training

- SPORT and FITT principles
- Types of training
- Advantages and disadvantages of training types.

##### Lever Systems

- First, Second, Third Class lever systems with sporting examples
- Mechanical Advantage
- Basic movements in Sporting Examples

##### Planes and Axes of Movement

- Relevant planes ( Frontal, Transverse, Sagittal)
- Relevant axes ( Longitudinal, Transverse, Sagittal)



### Latin

#### How to revise:

- You should use Quizlet to revise the vocabulary
- You should revise all the grammar topics from your exercise book



#### How to revise:

- You should revise the sources and the topics from your Roman Civilisation booklets



<p><b><u>Grammar</u></b></p> <p>Nominative, accusative, genitive, dative, ablative 1st ,2nd and 3rd declensions.</p> <p>Personal pronouns (ego, tu, nos, vos, is, ea, id).</p> <p>Present, imperfect, perfect, pluperfect and future tenses all conjugations.</p> <p>Irregular verbs: volo, nolo, possum, fero, eo.</p> <p>Infinitive: laudare, scibere, audire.</p> <p>Time clause (ubi “when”, dum “while”, simulac “as soon as”).</p> <p>Quod clause “because”.</p> <p>Quamquam clause “although”.</p> <p>Relative clause qui- quae- quod.</p> <p>Question words (quis? Quid?).</p> <p>Comparative and superlative adjectives.</p>	<p><b><u>THEME: Daily life in a Roman town</u></b></p> <p>Houses and flats</p> <p>Daily routine for Roman citizens and their wives</p> <p>Slaves, freedmen and patronage</p> <p>The forum</p> <p>Dinner parties</p> <p>Streets and shops in Pompeii</p>
---	---



### Drama

#### Drama GCSE Year 10 Revision List

Your exam will cover the technical content you have learnt from your textbooks, as well as a practical component. Therefore, you need to:

- Make sure that you have completed p1 – 67 in your revision guide and workbook – this was set as homework at the start of the year
- Be ready to work in new groups to complete the practical component. You will need to focus particularly on vocal skills



### Computer Science

Systems Architecture

Memory

Storage

Networks

Boolean logic

Data Representation

Algorithms (Searching and Sorting)

Pseudocode and Flowcharts

Programming techniques (sequence, selection, iteration string handling and arrays. Writing code or pseudocode for mini programs. Input, processing, output. Predicting output from a program)

#### **Resources to use**

BBC Bitesize

Testandtrack

Senecalearning

Sololearn (Python)

Teachers will post exam builder past papers on Teams



### French & German

#### Which exams will I take?

	Foundation (grades 1-5)	Higher (grades 3-9)	Weighting
<b>Speaking</b>	7-9 minutes	10-12 minutes	25%
<b>Listening</b>	35 minutes	45 minutes	25%
<b>Reading</b>	45 minutes	1 hour	25%
<b>Writing</b>	1 hour	1 hour 15 minutes	25%

#### What are the exam topics?

##### **Reading and listening:**

These papers will cover all units of the GCSE, including those you have not yet studied. This is so you get a realistic idea of the paper. We will provide a vocabulary sheet to support you with these topics.

##### **Writing and speaking:**

These will focus on the units you have covered in class:

1. Family and traditions
2. Technology
3. Free time
4. Festivals
5. House and home town
6. Social issues (voluntary work/health)

#### How do I revise?

##### **Reading and listening:**

- Revise vocabulary from your glossaries. Do this little and often rather than trying to cram. We recommend making flashcards (physical ones or using an app), making mind maps of words from specific topics, and testing yourself by rewriting or covering and saying the words. Staring at the words and saying them in your head is not enough.
- Use your Exam Practice Workbook (available soon via ParentPay) for past paper-style questions

##### **Speaking**

- You will prepare some model answers in class in the summer term. Ensure that you have written good answers including all elements of VOTE.
- You will need to memorise your answers. We recommend rewriting them, having someone quiz you, making prompt cards and gradually weaning yourself off them. Again, just looking at the answers and saying them in your head will not be enough to remember them to a good standard
- Do practice role play and photo questions when given these

##### **Writing**

- Ensure that you know as much of your GCSE Shortcuts Sheet as possible off by heart
- Be mindful to use VOTE and include some phrase from each different coloured box on the GCSE shortcuts sheet
- Foundation candidates should ensure that they are clear on how to say “in the photo there is/there are”, plus some broadly applicable vocabulary e.g. people, woman, man, trees, buildings, food, etc.
- Higher candidates should ensure that they know some model conditional/subjunctive sentence starters (e.g. If I were rich I would...)
- You can also use your model speaking answers for the writing exam