



YEAR 11 Mock Examinations (2023)

	9am Start			11.35am Start	
Tuesday 31 October	Maths Calculator 1hr 30	9am	Break	CRE 1h 45	11.35am
Wednesday 1 November	Science – Biology 1.15/1.45	9am		Option C CompP1 hr 30 Geography PE 1hr 15	11.35am
Thursday 2 November	English Language 1hr 45	9 am		Option A Geography Hospitality 1.20hr History French Writing 1/1.15 Spanish L&R 45/1.00	11.35am
	9am Start			11.35am Start	
Tuesday 7 November	Maths Non- Calculator 1hr 30	9am		Option B Geography History Hospitality & Catering 1hr 20	11.35
Wednesday 8 November	Science – Chemistry 1.15/1.45	9am		Option D Computer Science P1 1.30hr Music 30m History Hospitality & Catering 1hr 20	11.35
Thursday 9 November	Science – Physics 1.15/1.45	9am		Option C & D Comp P2 1h 30 Spanish Writing 1/1.15 French L & R	11.35am

Art Day Mock – Monday 11 December (11D) / Tuesday 12 December (11B)

Citizenship

k.shaw@portchester.hants.sch.uk

Contact:

Paper 2:

Life in Modern Britain
Rights and Responsibilities
1 Hour 45 Minutes

Topics which will be covered in the exams:

Life in Modern Britain:

Nature Vs Nurture
British Value - Tolerance
Promoting respect
traditional media
Free press
Censorship
The EU
The World Health Organisation
NATO
NGO's
Identity
The European council
Resolving international disputes and conflicts

Rights and Responsibilities:

Discrimination in the UK (Laws)
Right to privacy
Magna Carta
The Human Rights Act
Legislation and common law (the difference)
The different courts
Age of criminal responsibility in the UK
Mitigating circumstances
Aims of punishment
Trade unions
Participating in the legal system

Resources to help students revise and prepare:

<https://www.youtube.com/watch?v=mjIRQv0VHuk>

https://padlet.com/k_shaw2/aqa-gcse-citizenship-7nrd6wv5vlh3

AQA GCSE Citizenship revision guide – an electronic version can be found on the padlet page link

<https://classroom.thenational.academy/subjects-by-key-stage/key-stage-4/subjects/citizenship>

Top tips for these exams:

8 mark questions:

It usually has two bullet points: make sure you answer both of them.
You will usually be asked to “consider a range of views”, so make sure you give different opinions.
Give facts to prove your points: name people/organisations/laws/statistics.
You need to include a sentence at the end giving your own viewpoint.

4 mark questions:

Don't repeat what is said in the source, you are being asked to show what you have learnt.
You need to read information before answering the question

Successful

Confident

Responsible

You need to compare it to the UK or pick out two key reasons – using your knowledge in Citizenship
Point-Explain X2

2 mark answers:

2 simple bullet points or a definition and an example

Multiple choice:

Have a guess if you don't know, but don't waste time thinking.

Subject: Combined Science

Contact: l.o'neill@portchester.hants.sch.uk

- Biology Paper 1- Wednesday 1st November
- Chemistry Paper 1- Wednesday 8th November
- Physics Paper 2- Thursday 9th November

Each paper is 1 hour and 15 minutes.

There will be a mixture of short and long answer questions, with the maximum mark for any question being 6 marks.

Equipment needed: Pen, pencil, ruler, protractor, calculator

Topics which will be covered in the exams:

Biology Paper 1: Cell Biology, Organisation, Infection and response, Bioenergetics

Chemistry Paper 1: Atomic structure and periodic table, Structure bonding and the properties of matter, Quantitative Chemistry, Chemical changes

Physics Paper 2: Forces, Waves, Magnetism and Electromagnetism

Resources to help students revise and prepare:

[GCSE Combined Science - AQA Trilogy - BBC Bitesize](#)

[Cognito - Learn GCSE Maths, Biology, Physics and Chemistry \(cognitoedu.org\)](#)

[\(10\) Freesciencelessons - YouTube](#)

[\(10\) Primrose Kitten Academy - YouTube](#)

Top tips for these exams:

- Learn your Physics equations and units of measurement- See your teacher if you have lost your list of equations to learn.
- Go onto YouTube and re-watch all the required practicals for each paper- the links are on class charts!
- Sign up to Cognito and complete some past questions.
- Complete the bitesize quizzes for quick recall of facts.
- Always attempt every question and use bullet points to help you structure your longer answer questions.
- Show your working out for every calculation that you complete.

Computer Science

Contacts: s.callacher@portchester.hants.sch.uk
m.morley@portchester.hants.sch.uk

Information about the papers

Paper 1 – Computer Systems
1 hour 30 minutes

**Paper 2 – Computational thinking,
Algorithms and Programming**

Section A – 50 minutes

Section B – 40 minutes – This part of the paper requires students to write answers in the programming language they have been studying – Python.

Total 1 hour 30 minutes

Topics which will be covered in the exams:

Paper 1

- Characters (Page 18)
- Binary shift (Page 15)
- Impact of digital technology
- Components of a processor (Page 2)
- Registers (Page 3)
- Clock speed (Page 5)
- Embedded systems (page 1)
- Storing images (Page 19)
- Units (Page 12)
- Secondary storage devices (Pages 6-7)
- Storing sound (Page 20)
- Compression (Page 21)
- Computer Legislation – (Page 39)
- Networks – LANs and WANs (Page 23)
- Networks – Hardware (Page 24)
- Network Topologies (Page 26)
- Network security threats (Pages 30-32)
- Defragmentation (Page 10)
- Operation system (Pages 8-9)
- Open source and propriety software (page 40)
- Cloud storage (page 29)

Paper 2

Section A

- High-level and low-level languages (page 74)
- Integrated Development Environments (page 75)
- Structure diagrams (page 69)
- Programming errors (Page 71)
- Search algorithms (Page 45)
- Boolean Logic (Pages 57-59)
- Writing algorithms (Page 43)
- Functions, parameters and return values (page 66)
- Abstraction (Page 42)
- Authentication (Page 70)
- Testing (Page 72)

Section B

- SQL statements (Page 65)
- Re-writing algorithms
- Refine to remove logic and syntax errors
- Completing algorithms with 2D lists
- Identifying variables (Page 52)
- Write a program

Subject English Language Paper 2

Contact: t.wood@portchester.hants.sch.uk

Include Information about the paper / papers, timings and equipment required.
What is the structure / content included?

1hr 45 min Paper + Black Pen + Highlighter

Non-Fiction Paper (4 Reading Questions and 1 Writing Task)

Section A – Reading Non-Fiction

Question 1 – Retrieval

Question 2 – Summary

Question 3 – Language Analysis

Question 4 – Comparison of Viewpoint

Section B – Writing (Non-Fiction)

Topics which will be covered in the exams:

- Two Non-Fiction Texts (Unseen)
- One Writing Task (Unseen)

Resources to help students revise and prepare:

- AQA Revision Guides (available in the school bank)
- Use your exercise books to remind yourself of the skills needed in each question.
- Use the English Padlet to revise key skills.

Top tips for these exams:

- Use all the time available and manage your timing for each question.
- Plan your writing response carefully – give yourself enough time to answer the writing section!
- Take time at the beginning of the exam to read both sources carefully.
- Read each question carefully and highlight key words.
- Remember what the examiner is looking for in each question. What are the key skills you need to show?

Paper 1 - Listening

Timings: 35 minutes for foundation, 45 minutes for higher

Equipment needed: pen, highlighter for annotating questions.

Summary: 5 minutes at the beginning of the paper to read and annotate the questions, then students listen to an audio which is played twice. In section A, students answer questions related to the audios in English, and section B they answer in Spanish. The topics covered relate to the modules covered in class.

Paper 2 - Reading

Timings: 45 minutes for foundation, 1 hour for higher

Equipment needed: pen, highlighter for annotating questions.

Summary:

Section A – questions in English, to be answered in English or with multiple choice.

Section B – questions in Spanish, to be answered in Spanish or with multiple choice.

Section C – translation from Spanish into English (a minimum of 35 words for Foundation Tier and 50 words for Higher Tier)

Paper 3 - Writing

Timings: 1 hour for foundation, 1 hour 15 minutes for higher

Equipment needed: pen, highlighter for annotating questions.

Summary:

Foundation Tier (50 marks)

Question 1 – 4 sentences describing the photo – 8 marks.

Question 2 – 40 word writing in response to four brief bullet points– 16 marks.

Question 3 – translation from English into Spanish (minimum 35 words) – 10 marks

Question 4 – 90 word writing in response to four compulsory detailed bullet points– there is a choice from two questions – 16 marks

Higher Tier (60 marks)

Question 1 – – 90 word writing in response to four compulsory detailed bullet points– there is a choice from two questions – 16 marks

Question 2 – open-ended writing task (student responds to two compulsory detailed bullet points, producing approximately 150 words in total) – there is a choice from two questions – 32 marks.

Question 3 – translation from English into Spanish (minimum 50 words) – 12 marks

Geography

Contact p.walton@portchester.hants.sch.uk

Include Information about the paper / papers, timings and equipment required.

What is the structure / content included?

- The November 2023 Geography assessment for year 11 will be a 1 hour paper.
- ALL questions need to be answered.
- There are 2 sections – the first 15 marks are about coasts and coastal landforms. The second section is 39 marks all about fieldwork both in general and the specific human and physical pieces of fieldwork we completed this term at Lee on the Solent.
- You need to know the questions for each of the fieldwork investigations we carried out:
 - To what extent is Lee on the Solent a clone town?
 - How do groynes affect longshore drift at Lee on the Solent?
- You need to be able to justify choice of location, explain method of data collection, justify data presentation techniques and evaluate how the data collected was accurate and could be used to reach a valid conclusion (answer the question!)

Topics which will be covered in the exams:

Coasts and coastal landforms.

Unseen fieldwork

Your own fieldwork from Lee on the Solent

Resources to help students revise and prepare:

Exercise books – sent home over half term

Seneca – your teacher will have set specific targeted units.

BBC Bitesize:

[Coastal landscapes in the UK - GCSE Geography Revision - AQA - BBC Bitesize](#)

[Formulating an enquiry - Introduction to fieldwork - AQA - GCSE Geography Revision - AQA - BBC Bitesize](#)

Top tips for these exams:

1. **Learn the sequence of formation of an erosional coastal landform – use Seneca & BBC Bitesize.**
2. **Know your fieldwork questions and what you did, why you did it and the conclusions you made. Did it answer the question?**

Include Information about the paper / papers, timings and equipment required.

What is the structure / content included?

Paper 1- Crime and Punishment through Time

Full paper- 1 hour 20 (1.5 minutes per mark)

Question 1- Describe two features of X (4) WHITECHAPEL

Question 2a- How useful are Sources A and B for an enquiry into X (8) WHITECHAPEL

Question 2b- How would you follow up the Source for an enquiry into X (4) WHITECHAPEL

Question 3- Explain one way in which X is similar to/ different from Y between two time periods (4)

Question 4- Explain why (12)

Question 5 or 6- How far do you agree with X (16 + 4 SPaG)

Topics which will be covered in the exams:

Section A- Whitechapel and the historic environment, c1870-1900

Section B- Medieval crime and punishment (1000-1500)

 Early modern crime, law enforcement and punishment (1500-1700)

 Industrial law enforcement (1700-1900)

 Modern punishment (1900-present)

Resources to help students revise and prepare:

Work booklet shared on Teams

LINK: [HERE.](#)

Top tips for these exams:

1.5 minutes/ mark

For 12/ 16 mark questions, a line of reasoning should be explicit in each point (LINK TO THE QUESTION)

You do not have to rely on the bullet points given to you- these could be an example in a broader paragraph.

Hospitality and catering

Contact: Mrs S Kerens

Include Information about the paper / papers, timings and equipment required.
What is the structure / content included?

1 Paper (1hour 20 mins)

- Roles and responsibilities of hotel staff and EHO
 - Employment contracts
 - Risk assessments
 - HACCP/ RIDDOR
 - Dietary needs
 - Food poisoning/ allergy
- Types of residential provisions
- Food safety regulations

Topics which will be covered in the exams:

Job roles - front and back of hotel
Health and safety EHO
Employment laws

Resources to help students revise and prepare:

Unit one revision folder, on the shared area of the school system
Class notes

Top tips for these exams:

Answer every question
Read the questions twice before answering – What am I being asked?
Highlight/underline the key words in the question

Subject: Maths

Contact: t.vetcher@portchester.hants.sch.uk

Include Information about the paper / papers, timings and equipment required.
What is the structure / content included?

Paper 1 – Calculator Paper

Time: 1 hour 30 minutes

Marks: 100

The following equipment should be brought with you:

- Compass
- Protractor
- Ruler
- Pencil
- Pen
- Calculator (Paper 1 only)

Paper 2 – Non-Calculator Paper

Time: 1 hour 30 minutes

Marks: 100

The following equipment should be brought with you:

- Compass
- Protractor
- Ruler
- Pencil
- Pen

Topics which will be covered in the exams:

With all maths papers, any topic can be assessed on any paper. The 6 main topic foci are:

- Number
- Algebra
- Ratio and Proportion
- Geometry and Measures
- Statistics
- Probability

A topic list is attached for each paper, which is split for either Foundation or Higher. If you are not sure which paper you will be sitting, please speak to your teacher.

Resources to help students revise and prepare:

Mathswatch – has videos and interactive questions to complete for every topic <https://vle.mathswatch.co.uk/vle/>

Revision guides – Useful for a breadth of information about each specific topic

BBC Bitesize – Range of different revision notes for each topic

Youtube/TikTok – You can search up papers that teachers have recorded them working through. (please be careful with these as sometimes they can show you “Tricks” which only work in specific conditions.)

Corbett Maths – Revision resources, as well as videos and exam questions on each topic

<https://corbettmaths.com/contents/>

Maths Genie – Exam questions on each topic, broken down by grade <https://www.mathsgenie.co.uk/gcse.html>

Top tips for these exams:

- Manage your time – You need approximately 1 mark per minute
- Check your answers – Sense check your answers to make sure they are roughly what you expect them to be
- Read the questions thoroughly – Make sure you are answering the question, in the correct format.
- Show your working – Write down every calculation, even if its trivial or obvious, as any maths you do on the page can give you marks. (We have changed exam boards to one that rewards more marks for working)
- Try calculations – Sometimes it's easier to focus on what you can work out, then specifically finding the answer to the question when you're stuck (there could be marks for this working)

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Subject: Triple Science

Contact:

a.hodgson@portchester.hants.sch.uk

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Chemistry Paper 1: Atomic structure and periodic table, Structure bonding and the properties of matter, Quantitative Chemistry, Chemical changes

Physics Paper 2: Forces, Waves, Magnetism & Electromagnetism, Space

Resources to help students revise and prepare:

<https://www.bbc.co.uk/bitesize/examspecs/zpgcbk7>

<https://www.bbc.co.uk/bitesize/examspecs/z8xtmnb>

<https://www.bbc.co.uk/bitesize/examspecs/zsc9rdm>

[Cognito - Learn GCSE](https://cognitoedu.org/home) [HYPERLINK "https://cognitoedu.org/home"](https://cognitoedu.org/home) [Maths](https://cognitoedu.org/home) [HYPERLINK](https://cognitoedu.org/home)

["https://cognitoedu.org/home"](https://cognitoedu.org/home), [Biology, Physics and Chemistry \(cognitoedu.org\)](https://cognitoedu.org/home)

[\(10\) HYPERLINK "https://www.youtube.com/@Freesciencelessons"](https://www.youtube.com/@Freesciencelessons) [Freesciencelessons](https://www.youtube.com/@Freesciencelessons) [HYPERLINK](https://www.youtube.com/@Freesciencelessons)

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7. Show your working out for every calculation that you complete and use a calculator.