

# YEAR 10

## MOCK EXAM BOOKLET

**Summer  
2025**

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## Exams Guidance



**Phones & all watches must be switched off/removed** and handed in or put in bags. If a candidate is found with a phone or watch in their possession during a real exam they may be disqualified and not given a grade for the paper.



**Water** can be taken into the exam room so long as it is in a transparent bottle with any labels removed.

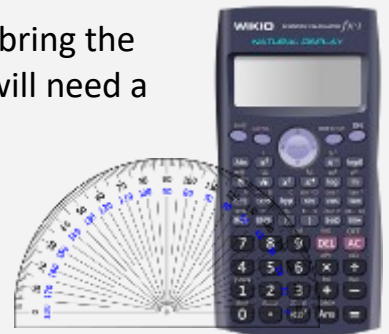


It is important to enter the exam room in **silence**. You must not talk to other students until after the exam is finished, papers have been collected and you have left the room.



### Exam Equipment -

It is the student's responsibility to bring the correct equipment to exams. You will need a clear pencil case, black pens, pencils, rubber, ruler and maths equipment – calculator (the back of the calculator must be removed and the calculator memory cleared), protractor and compass.



Students with **Access arrangements** (other than extra time, in which case they will generally be in the main venue) should meet outside the library before the exam where they will meet the invigilators and teaching assistants and be taken to the room in which they will be sitting their exam.



**Students should return to their lessons as soon as the exam is over.**

## Mock Exam Timetable

	Subject	Time
<b>Monday</b>	Maths Paper 1	Start: 08:40
	Option A: PE, Food and Nutrition.	Start 11:05
<b>Tuesday</b>	Option D: Construction, Food and Nutrition	Start 8:40S
	Option C: PE, Food and Nutrition.	Start 13:30
<b>Wednesday</b>	X-Band English Y-Band Science	Start: 8:40
	Y-Band English X-Band Science	Start 11:05
<b>Thursday</b>		
<b>Friday</b>	Maths Paper 2	Start: 8:40
	Option B: Computer Science, PE, Food and Nutrition	Start 13:30

# English

## What will the English mock look like?

Name of paper: AQA: Explorations in Creative Reading and Writing

Length of paper: 1 hours 45 minutes in total

Suggested timings:

Section A (reading): 45mins + 15 minutes reading time (40 marks);

Section B (writing): 45mins (40 marks)

This exam will not be a full paper. It will focus on the skills used in the two sustained writing questions: Questions 4 and 5. In class your teacher will take you through the structures that you will see on the paper. To prepare you should revise the following skills:

### Question 4: 16-20 mins

Things to remember for this question:

- identify language and structural features (methods of the writer);
- use quotations from the text to demonstrate these features;
- analyse how the quotation proves your point;
- evaluate how successfully this achieves the effect from the question;
- focus on the specific topic in the statement given; and
- provide your own clear opinion of how far you agree with the statement in the question.

Top tip – remember to refer to the effects on the reader. What do they think about what they're reading. Think about what your opinion is, explain it and back it up with evidence.

### Question 5: 45 mins

Things to remember for this question:

- match your style of writing to the purpose and audience of the task (narrative story or descriptive?);
- leave the full 45 minutes to complete the task fully; and
- use ambitious vocabulary, language and structural features when writing your description/narrative and really show the examiner what you can do;
- use a variety of paragraph lengths;
- read through at the end and fix any errors that you see.

Top tip – spend 5 minutes planning your answer. Write a simple bullet point list planning each of your paragraphs. Make a note

## What exam advice should I remember when writing my answers?

Your exercise book is the best source of information, assuming all the work is completed.

GCSE English Language & Literature AQA Revision Guide & Exam Practice Book.

Achieve the Highest Grades for the 9-1 Course inc free revision app (Scholastic GCSE Grades 9-1 Revision & Practice) ISBN : 9781407169163.

The revision guide can be purchased on Amazon

You will be sent via your Teams folder:

- \* A One Note document that contains past papers and mark schemes for you to practice.
- \* access to all lessons/powerpoints for each unit of work
- \* PIXL videos to watch for question 2, 3 and 4.

Also remember to:

Watch videos on YouTube by Mr Bruff

Access the materials on Bitesize: <https://www.bbc.co.uk/bitesize/subjects/zr9d7ty>

Complete the activities available on Seneca Learning

# English Literature (Continued)

## What exam advice should I remember when writing my answers?

Use subject specific vocabulary whenever possible.

Use the number of marks available to direct you in how much to write.

Use paragraphs to separate your points. So, an 8-mark question would require 3 points, a 20-mark question 4 points one in each paragraph. Remember to make your point, explain your point and use the evidence from the stimulus (signpost this) in every paragraph (PEEZL). Alternatively, What, How and Why.

Use a range of analytical verbs such as: suggests, highlights, evokes, implies, demonstrates, exemplifies

In analysis answers, use PEEZL and make sure you discuss the intended meaning of the writer

- Allocate the correct time to each question.

Key Subject Terminology	
Language Features	metaphor, repetition, simile, hyperbole, alliteration, personification, onomatopoeia, rhetorical question, rule of three, sensory imagery.
Word Types	verb, noun, adverb, adjective, pronoun, connectives.
Sentence Forms	One-word sentence, simple sentence, compound sentence, complex sentence, embedded clause.

ADDING - Additional supporting information to a claim	SEQUENCING - Showing the order of events or claims	ILLUSTRATING - Citing direct evidence or examples	CAUSE and EFFECT - Linking events together
And Also As well as Moreover Too Furthermore Additionally	First (ly), second (ly), Finally Next Meanwhile Following Subsequently	For example Such as For instance In the case of As revealed by Illustrated by As shown by	Because So Therefore Thus Consequently Hence
COMPARING - Showing similarities	QUALIFYING - Limit, specify, or modify	CONTRASTING - Showing differences	EMPHASIZING - Draw attention to a main idea/claim/evidence
Similarly Likewise As with Like Equally In the same way As compared to	But However Although Unless Except Apart from As long as If	Whereas Instead Alternatively Unlike Otherwise On the other hand Conversely	Above all In particular Especially Significantly Indeed Notably

Active verbs for writing about texts...				
Advises	Criticises	Exemplifies	Implies	Recognises
Affects	Deepens	Exhibits	Indicates	Refers
Alludes to	Denotes	Expands	Informs	Reinforces
Amplifies	Depicts	Explains	Intensifies	Reiterates
Argues	Describes	Explores	Introduces	Relates
Articulates	Determines	Exposes	Juxtaposes	Remarks
Builds	Demonstrates	Expresses	Manifests	Represents
Clarifies	Displays	Forces	Means	Reveals
Compels	Echoes	Foreshadows	Mentions	Shows
Confirms	Embodies	Foretells	Narrates	Signifies
Connotes	Emphasises	Forms	Perceives	Symbolises
Considers	Encourages	Highlights	Personifies	Suggests
Constructs	Establishes	Heightens	Persuades	Supports
Contradicts	Evokes	Hints	Portrays	Tells
Conveys	Exaggerates	Illustrates	Presents	Typifies
Creates	Examines	Impacts	Promotes	Underlines

# Maths

## How is Maths examined?

All students take Maths and follow the AQA specification. This is assessed through three exams, all to be taken at the end of year 11:

- Paper 1 - 33.3% (Non-Calculator)
- Paper 2 - 33.3% (Calculator allowed)
- Paper 3 - 33.3% Calculator allowed)

The exams can be taken at either Higher or Foundation level with the final decision on tier of entry taken by the school. The Foundation paper ranges from grades 1-5 and the Higher tier ranges from grades 3-9.

In the year 10 mocks, you will sit one non-calculator paper, and one calculator paper.

## What content will be covered in the mock?

The mock exams will consist of two 80-mark papers spanning the entire maths curriculum.

### Foundation topics:

Foundation Paper 1 (Non-Calc)		Foundation Paper 2 (Calc)	
Topics	Sparx Code	Topics	Sparx Code
Simplify an expression by collecting like	U105	Mean	M940
Coordinates	M618	Money calculations	M681
Money calculations	M681	Prime numbers, square numbers	-
Inequalities	M384/M118	Gradient and intercept of a line	M544
Scatter graphs	M769/M596	Plans and elevations	M229
Solve linear equations	M707/M554	Algebraic notation	-
Probability	M655	Proportion, best buys	M478
Angles in parallel lines	M606	Estimating from a scale diagram	M112
Applications of division	-	Angles in polygons	M653
Two-way tables	M899	Describing transformations	M178
Bar charts	M460	Pythagoras' theorem	M480
Lowest common multiple	M227	Money calculations	M681
Angles	M818	Frequency trees	U280
Calculating with decimals, order of	M803	Solve linear equations	M902
Comparing fractions	M335	Product of prime factors	M108
Coordinates, classifying shapes	M618	Line graphs	M738
Area, ratio	M885	Permutations	-
Converting fractions, decimals and percentages	M264	Translations	M139
Powers and roots	M135	Calculating with money	M681
Estimation	M878	Converting units	M530
Division	M478	Angles	M351/M679
Division	-	Factors	-
Ordering decimals	M553	Bar charts	M738
Percentages		Increase by a percentage	M533
Forming expressions	M957	Ratio to fraction	M267
Transformations	M476	Grouped frequency tables	M441
Forming and solving equations	M957	Volume of a cube	M765
Probability	M941	Quadratic sequences	M418
Write one quantity as a fraction of another	M235	Plot linear graphs	M544
Substitute into a formula	M208	Place value	M704/M522
		Solve quadratic equations	U665

# Maths

## What content will be covered in the mock?

### Higher topics:

Higher Paper 1 (Non-Calc)	
Topics	Sparx Code
Best buys	M478
Comparing decimals	M553
Ratio, percentages	M267
Similarity	M324
Area of a triangle using Sin	-
Equation of a linear graph, $y=mx+c$	U741
Expand and factorise expressions	U179/U365
Forming expressions	U599
Surds	U338/U499
Venn diagrams	U476
Express one quantity as a fraction of another	U235
Histograms	U983
Scatter graphs	U277
Trigonometry – finding exact values without a calculator	U319
Division with decimals	U868
Probability	U803
Adding fractions	U736
Properties of shapes, geometric proof	U471
Expand triple brackets	U606
Averages – mean, median, mode	U291/U260
Convert recurring decimals to fractions	U689
Square numbers	-
Rearranging, changing the subject	U181
Coordinates	U789
Algebraic fractions	U824/U457
Nth term of a linear sequence	U498
Negative indices	U694
Area	U950
Identities	-
Substitute into a formula	U201

## Where can I go to revise?

Use the Sparx codes in the revision lists above to go into the exam confident:

<https://www.sparxmaths.uk/student/independentlearning>

Other useful resources:

- <https://www.1stclassmaths.com/gcse-exam-papers>
- <https://corbettmaths.com/contents/>
- <https://corbettmaths.com/2019/04/01/gcse-practice-papers/>

## What equipment do I need to bring?

- Pen, pencil, ruler, pair of compasses, protractor, calculator.

## Any specific revision or examination tips for Maths

Useful information can be found here:

<https://corbettmaths.com/2016/03/10/how-do-i-revise-for-my-gcse-maths/>



# Science

## What does assessment look in GCSE Science

At the end of year 11 all students will be assessed in two exams for each of Biology, Chemistry, and Physics (six exams in total). Each science has a paper 1 and paper 2: Year 10 are currently studying paper 1 content in all sciences.

Combined science—Each exam will be 1 hour 15 minutes long (worth 70 marks). The exam board will use scores across all six exams together to give a double grade for science.

Separate science—Each exam will be 1 hour 45 minutes long (worth 100 marks). Each science will be awarded a GCSE grade based on the two exams for that subject.

## What the year 10 March mocks will look like

**This mock exam is a resit for a select group of students who currently have a Predicted Grade that is “Well Below” their Target Grade. If you are taking this exam your class teacher will have told you. If you are unsure, ask your class teacher.**

Separate Science – Students will complete an abbreviated Paper 1 exam in only the science(s) that are predicted to be “Well Below” their target grade.

Combined science – Students will sit a single paper that covers all three sciences. There will be the opportunity for students to move from Higher to Foundation.

There is also the opportunity for those students who performed very well on a Foundation paper to try a Higher paper. Please speak to your teacher if you are interested in this.

## What will I need in the mock?

Black pen; A ruler; A protractor; A calculator (preferably a scientific calculator); pencil and rubber

## Where can I go to revise?

### Revision Guides

#### Combined Science

AQA Biology for GCSE Combined Science: Trilogy Revision Guide. ISBN 978-0-19-835930-2

AQA Chemistry for GCSE Combined Science: Trilogy Revision Guide. ISBN 978-0-19-835931-9

AQA Physics for GCSE Combined Science: Trilogy Revision Guide. ISBN 978-0 19-835932-6

#### Separate Science

AQA Biology Revision Guide: ISBN: 978-0-19-835940-1

AQA Chemistry Revision Guide: ISBN: 978-0-19-835941-8

AQA Physics Revision Guide: ISBN: 978-0-19-835942-5

#### Go4Schools

There will be a post on Go4Schools in the section where you access homework that contains a link to the Bottisham science revision website, which contains lots of information including:

Links to the freesciencelesson and Cognito videos

## Science (continued)

Seneca Learning and Kerboodle

A link for the required practical simulator and the Malmesbury Science videos of these practicals • Quiz based recall resources

The website can be accessed directly here: <https://sites.google.com/bottishamvc.org/bvcscience/home>

You will need to login using your school email. From here you view the full learning journey in science, and access knowledge organisers and revision resources (for resources use the “Year 10 and 11” drop down menu in the top right.

Seneca Learning

Go to [www.senecalearning.com](http://www.senecalearning.com) select login and then ‘Continue with Google’ use your school email address and password. Once logged in you will find all your timetabled classes and any assignments your teacher has set.

### What is the revision list?

	Biology	Chemistry	Physics
Separate	Cell biology 9 & 10 Organisation 9 & 10 Infection and response 9 & 10 Bioenergetics 9 & 10	Atomic structure and periodic table 9 & 10 Bonding 9 & 10 Quantitative 9 & 10 Chemical changes 9 & 10	Energy 9 & 10 Electricity 9 & 10 Particle model 9 & 10 Atomic structure 9 & 10
Combined	Cell biology 9 & 10 Organisation 9 & 10 Infection and response 9 & 10 Bioenergetics 9	Atomic structure and periodic table 9 & 10 Bonding 9 & 10 Quantitative 9 & 10 Chemical changes 9 & 10	Energy 9 & 10 Electricity 9 & 10 Particle model 9 & 10 Atomic structure 9

### What else can I do to prepare for the mock?

- Use revision material/cards/mind maps you have previously created for Deep Dive Assessments.
- A link to a variety of revision websites and resources is in a post on the homework section of Go4Schools for your science class

### What exam advice should I remember when writing my answers?

- Use subject specific vocabulary whenever possible.
- Use the number of marks available to direct you in how much to write.
- If you get stuck on a question leave it and come back to it later.
- Check the information in a six mark question to make sure you answer all of it.

### What command words will I encounter?

- Identify – name or express in clear terms.
- Calculate – use the numbers given in the question to work out the answer.
- Describe – recall some facts, events or a process in an accurate way.
- Explain – state reasons for something happening.
- Evaluate – use the information supplied, and your own knowledge, to consider evidence for and against when making a judgement.
- Suggest – apply knowledge you already have to a new situation

# Food and Nutrition

## How is Food and Nutrition examined?

Assessment will be 1 hour 45 minutes long written exam.

This is broken down into 2 sections:

Section A: questions based on stimulus material.

Section B: structured, short and extended response questions to assess content related to food preparation and nutrition.

## What content will be covered in the mock?

It will be a full past paper containing the following modules:

Food Commodities

Principles of Nutrition

Diet and Good Health

The science of Food

Where food comes from

## Where can I go to revise?

- Revision Checklist – on teams channel
- Revision booklets—on teams channel
- Course notes
- Youtube – BBC Teach – Food preparation and Nutrition videos
- All eduqas endorsed revision guides for food preparation and nutrition
- Knowledge organisers
- Seneca
- <https://www.nutrition.org.uk/>

## What equipment do I need to bring?

- Black Pen
- Highlighter

# GCSE PE

## How is PE examined?

We will complete a full paper 1 exam. It will be 60 marks in 60 minutes, with a variety of short and medium answer questions.

There will be one “synoptic” 6 marker, drawing information from 2 different topics. We will study this new topic shortly before the mock.

## What content will be covered in the mock?

Unit 1 (Anatomy & Physiology)

Unit 2 (Physical Training).

Essentially, everything we have learnt in year 10 so far

## Where can I go to revise?

- Seneca
- Quizlet flashcards
- OneNote uploads.
- Knowledge Organiser.
- Revision guides (if you don't have one, you can order it here [https://www.amazon.co.uk/GCSE-Physical-Education-Revision-Guide/dp/1789083206/ref=sr\\_1\\_4?keywords=ocr+gcse+pe+revision+guide&qid=1683875821&srefix=ocr+gcse+pe+rev%2Caps%2C123&sr=8-4](https://www.amazon.co.uk/GCSE-Physical-Education-Revision-Guide/dp/1789083206/ref=sr_1_4?keywords=ocr+gcse+pe+revision+guide&qid=1683875821&srefix=ocr+gcse+pe+rev%2Caps%2C123&sr=8-4)).

## Any subject specific equipment you will need?

Only a pen is required. You may wish to bring a ruler in case you are asked to draw e.g. a lever

## Any subject specific revision or examination tips?

I highly recommend watching the Everlearner paper 1 video on youtube. It is a full hour revision session and covers many of the key topics on the exam - <https://www.youtube.com/watch?v=hxCIJ9kvorc>.

Also, remember to check if the question asks for sporting examples!!

# Construction

## What will the Construction mock look like?

Name of paper: EDUQAS Level 1 / 2 Award: Unit 1 Introduction to the Built Environment

Length of paper: 1 hour 30 minutes plus your additional time allowance (Online assessment)

Suggested timings: We suggest that students spend 15mins planning; 65mins writing and 10mins reading through at the end.

**INSTRUCTIONS TO CANDIDATES** Questions in this examination are based on several areas of Unit 1 of the course which has been taught across Year 10. You are required to answer ALL questions. There are 80 marks available in this examination. Quality of written communication will be assessed throughout the exam paper. Write your answers in the spaces provided in this booklet or as guided by the question. Make sure you are clear on the context of the question and focus your answers in accordance.

## What will I need in the mock?

Online assessment- Be on time or you will miss the start window

You will be given a unique code to enter the online exam and the invigilator will then give the class a Pin number to enter, so that you can begin.

## Where can I go to revise?

Your exercise book and Unit 1 booklets are the best source of information, assuming all the work is completed.

Your classwork Teams folder:

Contains Unit 1 Lesson slides and Unit 1 revision notes

You need to make sure you have revised all sections in Unit 1.

Unit 1 - 1.1 / 1.2 / 1.3 / 1.4 / 1.5 / 1.6 / 1.7 / 1.8.

Also remember to:

Watch videos on YouTube relating to Work Site Health & Safety

Use the GoConstruct web site for Professional & Trade careers information and guidance.

# Computer Science

## What will the Computer Science mock look like?

Paper 2 OCR J277. This will include two sections; A & B (please see course spec to see what these are), 80 Marks, 1.5hours long.

## What will I need in the mock?

**Black pen**

## Where can I go to revise?

Use your work which you have completed on MS Teams and your previous assessments for guidance.

Re-read the posts on MS Teams. identify and prioritise areas of importance. Also:

- Course notes—either written or electronic in MS Teams
- All lesson materials and revision aids are stored in General, Files, Class Materials
- Craig 'n' Dave YouTube channel: <https://www.youtube.com/playlist?list=PLCiOXwirraUAEhj4TUjMxYm4593B2dUPF>
- GCSE Bitesize – Computer Science OCR J277
- Revision books/flash cards - CGP revision books or equivalent
- Seneca learning
- eBook (in MS Teams—General, Files, Class Materials
- OCR Exam Reference Language Interpreter <https://www.examreferencelanguage.co.uk/>
- OCR Pseudocode Guide <https://www.ocr.org.uk/Images/202654-pseudocode-guide.pdf>

## What is the revision list?

- 2.1 Algorithms
- 2.2 Programming fundamentals
- 2.3 Producing robust programs
- 2.4 Boolean logic
- 2.5 Programming languages and Integrated Development Environment

## What can I do to prepare for the mock?

- Along with the above resources, you may wish to look at the additional CGP resources:
- Exam practice workbook (exam skills development)
- Practice exam papers—these are on MS Teams along with the mark schemes
- Revision cards
- Revision strategies such as practice exam questions, and look, cover, write, check

Week beginning	What to consider?	What will you do?
26/05/2025	What do you know? What do you not know?	Make a study plan. Write down what you are going to study, when you are going to study it and commit to it. Use the resources which work for you.
Contact	Mr. Morson	Remember, you can always email me at <a href="mailto:nmorson@bottishamvc.org">nmorson@bottishamvc.org</a> if you need further help or support.

## Notes

