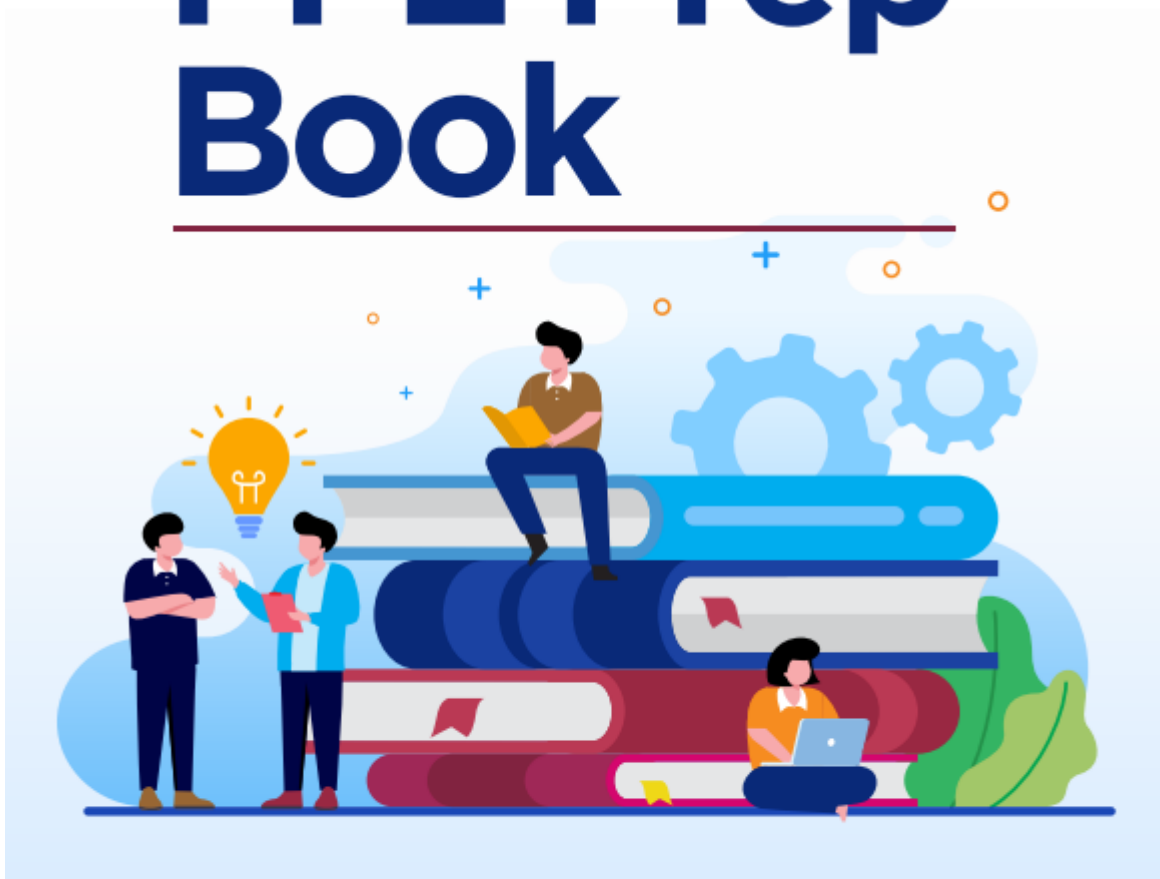


# Year 10



# March 2025

# PPE Prep Book



PPE Preparation information inside.

## How to use this booklet

Each subject has a sheet which tells you the following information –

1. The number of exams you will sit and how long each one is.
2. The equipment you will need to bring on the day.
3. A list of all the topics you need to revise.
4. Where you can get help and support with your revision.
5. Key things to remember when answering questions.

The core subjects are ordered first in this booklet, followed by the option subjects **in alphabetical order**.

Identify which subjects you take and draw a line through the others so you are not distracted by that information.

Once you have created your revision timetable, you should

- List all the subjects that you need to do revision for.
- Now rank them in order, with the first being the subject in which you need to do the most revision. Discuss with teachers if you need to.
- Be realistic- For example: Don't plan Maths revision for 12 hours solid on a Saturday, because it won't happen. Break the day up into manageable pieces. **Remember, sessions should only be for 30 - 40 minutes with 10-minute breaks.**
- Break each of your subjects down. That is where you need to use this booklet. Don't just put 'Maths' on your timetable, specify *what* you need to revise e.g. rules of indices, standard form.

You need to *actively* revise - **re-reading your notes over and over again is a very ineffective revision strategy** if it is all you do. It is a very passive activity that doesn't challenge your understanding or memory recall of a topic.

Better strategies include-

- ✓ Creating a mind-map
- ✓ Making a chart or timeline to fit the information
- ✓ Making key words Post-It notes
- ✓ Making up tests to try later
- ✓ Making your own flash cards - questions one side/answers on the back
- ✓ Using different colours or pictures to represent different things
- ✓ Using Mnemonics for difficult spellings/sequences (e.g. Richard Of York Gave Battle In Vain - colours of rainbow)
- ✓ Listing two sides of an argument or identifying similarities/differences

Due to how our memory works, revision is most effective when it is repeated and spaced out over time. Leaving revision to the last minute denies you this opportunity.

The most important thing is that you begin this process - and ask for help from your class teachers, form tutor or Year Team if you are struggling.

## AQA ENGLISH LANGUAGE

### How many exams are there and how long will they be?

There is one exam paper for English Language Component One in this PPE series which is split in to two parts - a **reading section** and a **creative writing** section. The exam will be 1 hour and 45 minutes and is worth 50% of your GCSE grade.

For reading you will be marked on:

**AO1** – Locating information and evidence from a text.

**AO2** – Analysing quotes (explaining why a writer has used a specific word / phrase / quote).

**AO4** – Evaluate texts (looking at a statement and seeing what evidence supports it and **HOW**).

For writing you will be marked on:

**AO5 (24 marks)** – Clear, effective and imaginative writing. Writing for the correct audience and purpose. Organising your work into paragraphs and using any other interesting structural features.

**AO6 (16 marks)** – SpaG! Using a range of vocabulary and sentences structures for effect and having accurate spelling, punctuation and grammar.

### What equipment will I need to bring?

A pen and highlighter.

### What topics will I need to revise?

Reading section

- **Locating** and **retrieving** information from a text
- Analysing **language** and **structure** and **evaluating** a text.

Writing section

- **Writing creatively** either based on an image or writing a narrative or opening to a narrative based on a statement given on the paper.

### Where can I get support from?

Your class teacher is the best person to go to if you need any additional help and support – they know you and your targets and are in the best position to help you to achieve.

If you need support with learning quotations and revising, the following online resources will help:

- Resources on Google Classroom
- GCSEPod (AQA)
- Seneca Learning (AQA only)

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

- Make sure you read the question carefully.
- Use the sentence stems and exam technique that you have been taught in class.
- Say a lot about a little – really pick apart the quotes.
- Make sure you stick to your timings to leave yourself enough time for the writing section.
- Use ambitious vocabulary and punctuation, a range of sentence structures and a clear structure in your narrative.
- Proof read your writing section once complete.

### What revision strategies could I use?

- Practise with the past paper questions provided in Google Classroom. Remember to stick to your timings!
- Learn the terminology/techniques that will help you to analyse a text – put them on flashcards with their definition and example and see how many you can recall!
  - Types of words and their function.
  - Types of sentences and structural devices.
  - Figurative language and its effect.

# AQA ENGLISH LITERATURE

## How many exams are there and how long will they be?

There is one exam paper for English Literature Component One in this PPE series which is split in to two parts – a **Macbeth question** and a **A Christmas Carol** question. The exam will be 1 hour and 45 minutes and is equivalent to 40% of your GCSE grade.

You will be marked on:

**AO1** – read, understand and respond to texts, develop an informed personal response and use quotations to support interpretations.

**AO2** – Analysing language, form and structure used by the writer (picking apart the quotes in detail!)

**AO3** – Context – Show an understanding of the relationship between texts and the contexts in which they are written.

**AO4 (only for Macbeth)** – Using a range of vocabulary, varying sentence structures to make your work make sense and having accurate spelling punctuation and grammar.

## What equipment will I need to bring?

A pen and highlighter.

## What topics will I need to revise?

- The character of Macbeth and how he changes throughout the play.
- The character of Lady Macbeth and how she changes throughout the play.
- Scrooge's redemption across the novella
- The Ghosts: how they are presented and their impact on Scrooge

## Where can I get support from?

Your class teacher is the best person to go to if you need any additional help and support – they know you and your targets and are in the best position to help you to achieve.

If you need support with learning quotations and revising, the following online resources will help:

- Resources on Google Classroom
- GCSEPod (AQA)
- Seneca Learning (AQA only)
- Quizlet (AQA)

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

- Know the texts and characters really well – that means learning quotes!
- Use What? How? Why? for your paragraph structure.
- Say a lot about a little – analyse your quotes in lots of detail, pick apart key words and phrases.
- Make sure you have coverage of the whole play / novel.
- Link to context for **both** Macbeth and A Christmas Carol.

## What revision strategies could I use?

- Create knowledge organisers about each text: characters, themes, context.
- Create flashcards so that you can reduce your knowledge organisers to the key information that you need. Self-assess or ask a friend or family member to test you!
- Use the quiz functions on the websites listed above.
- Practise with the past paper questions provided in Google Classroom.

# MATHEMATICS

## How many exams are there and how long will they be?

2 Papers - One Non-Calculator and One Non-Calculator.  
90 Minutes each.

## What equipment will I need to bring?

You will need to bring with you:  
Pen, Pencil, Ruler, Protractor, Compass and Scientific Calculator

## What topics will I need to revise?

### Revision list for Higher - Paper 1

1. Calculations with Decimals (multiplying and Dividing)
2. Calculating with Fractions (Addition, Subtraction, Multiplication and Division)
3. Rules of Indices
4. Standard Form
5. Constructions
6. Probability Trees
7. General Probability
8. Angle Facts (Angles in Polygons and Angles in Parallel Lines)
9. Forming and Solving Equations
10. Error Intervals
11. Recurring Decimals
12. Compound Measures (Speed, Distance, Time and Density, Mass, Volume and Pressure, Force, Area)
13. Understanding gradients
14. Venn Diagrams
15. Factorising
16. Further Volume and Surface Area
17. Solving Quadratic Inequalities
18. Further Trigonometry
19. Geometric Vectors
20. Rationalising a Denominator
21. Calculating Trickier Probabilities.

### Revision list for Higher - Paper 2

1. Ratio – Problem Solving
2. Bounds Problems
3. Compound Measures (Speed, Distance, Time and Density, Mass, Volume and Pressure, Force, Area)
4. Product Rule
5. Rearranging Formula
6. Transformations
7. Reverse Percentage
8. Calculator Skills
9. Scatter graphs
10. Exchange Rates
11. Quadratic Graphs
12. Percentage – Increase and decrease
13. Forming and Solving Equations
14. Standard Form
15. Trigonometry
16. Stem and Leaf Diagrams
17. Simultaneous Equations
18. Compound Interest
19. Similar Shapes
20. Coordinate Geometry
21. Area of a non-right-angled triangle
22. Quadratic Simultaneous Equation

### Revision list for Foundation - Paper 1

1. Converting Between Fractions, Decimals and Percentages
2. Odd and Even Numbers
3. Multiples and Primes
4. Converting between measurements (e.g. cm to m or ml to l, etc.)
5. Money Problem Solving
6. Measuring lengths and angles. (You need to be able to use a ruler and a protractor)
7. Coordinate
8. Angle Facts (Types of Angles, Angles in polygons, Angles on Straight Line)
9. Bar Charts
10. Ratios (simplifying, writing ratios as Fractions, using 1:n, sharing into ratios etc)
11. Transformations
12. Two Way Tables

### Revision list for Foundation - Paper 2

1. Converting between Fractions, Decimals and Percentages
2. Time
3. Ordering Decimals
4. Name of Shapes
5. Number Problems
6. Real Life Graphs
7. Percentage – Increase and decrease
8. Inequalities on a number line
9. Averages (Mean, Mode, Median and Range)
10. Probability Scale
11. Square Numbers
12. Standard Form
13. Compound Measures (Speed, Distance, Time and Density, Mass, Volume and Pressure, Force, Area)
14. Ratio
15. Perimeter
16. Simplifying Expressions

13. Probability
14. Function Machines
15. Order of Operations (BIDMAS)
16. Volume and Surface Area
17. Factorising
18. Expanding Brackets
19. Solving Equations
20. Simultaneous Equations
21. Calculating with Decimals (Multiplying and Dividing)
22. General Probability
23. Calculations with Fractions (Addition, Subtraction, Multiplication and Division)
24. Forming and Solving Equations
25. Speed, Distance and Time (Sometimes referred to as Compound Measures)
26. Understanding Gradients
27. Changing the Subject of a Formula
28. Solving a Quadratic Equation by Factorising

17. Collecting Like Terms
18. Percentage Problems
19. Angles (Triangles, Straight Lines, Around a point)
20. Scale
21. Probability
22. Percentage
23. Transformations
24. Factorising
25. Calculator Skills
26. Scatter Graphs
27. Exchange Rates
28. Venn Diagrams
29. Quadratic Graphs
30. Forming and Solving Equations

### Where can I get support from?

These websites are a useful resource:

[www.drfrostmaths.com](http://www.drfrostmaths.com)

[www.corbettmaths.com](http://www.corbettmaths.com)

[www.mathsgenie.co.uk](http://www.mathsgenie.co.uk)

[www.gcsepod.com](http://www.gcsepod.com)

If you have any questions or need assistance, please feel free to email your teachers. They are happy to help and will respond as soon as possible. Class teachers will be working on exam technique and helping you to revise in lessons. If you have a specific question, please feel free to come to the Maths office at break or lunch time.

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

- Read the question carefully, making sure you have understood what the question is asking you to do and make sure you have answered it.
- Show all your working out
- Check all your answers when you have finished
- Attempt all the questions - **a blank is zero marks!!**

### What revision strategies could I use?

- You should make flash cards with Mathematical facts on to help you remember. Examples of these include Angle Facts or Rules of Indices.
- You can use your login details to access revision videos on <https://www.drfrostmaths.com/>. This website also has practice questions on every video that you can use as part of your revision. If you are still struggling with a topic, you should bring your question to your class teacher, or even send a copy of the question to your class teacher via email.

# COMBINED SCIENCE/TRIPLE SCIENCE

How many exams are there and how long will they be?

## Combined Science

**3 exams - 75 minutes each in:**

- 1 – Biology
- 2 – Chemistry
- 3 – Physics

## Triple Science

**3 exams - 105 minutes each in:**

- 1 - Biology
- 2 - Chemistry
- 3 - Physics

What equipment will I need to bring?

Student packs with pens, pencils, protractor, rulers and calculators

What topics will I need to revise?

## BIOLOGY

### CELL BIOLOGY

- Cells
- Cell differentiation and specialisation
- Diffusion
- Osmosis
- Active transport
- Exchanges surfaces and exchanging substances

### BIOENERGETICS

- Photosynthesis and limiting factors
- Rate of photosynthesis
- Respiration and metabolism
- Aerobic and anaerobic respiration
- Exercise

### VARIATION AND EVOLUTION

- Variation
- Evolution
- Evidence for Evolution

### ORGANISATION

- Cell organisation
- Enzymes
- Enzymatic reactions
- Enzymes and digestion
- Food tests
- Lungs
- Circulatory system: heart, blood vessels, blood
- Cardiovascular disease
- Health and disease
- Non-communicable diseases
- Cancer
- Plant cell organisation
- Transpiration and translocation
- Transpiration and stomata

### INFECTION AND RESPONSE

- Communicable disease
- Viral, fungal and protist diseases (specific examples)
- Bacterial diseases and preventing disease
- Fighting disease: vaccination and drugs
- Developing drugs

### HOMEOSTASIS AND RESPONSE

- Nervous system
- Reflex arc

### Additional Content for Triple Science

#### CELL BIOLOGY

- Culturing microorganisms

#### HOMEOSTASIS AND RESPONSE

- Control of coordination
- Use of plant hormones (HT only)

#### VARIATION AND EVOLUTION

- Theory of Evolution
- Speciation

## CHEMISTRY

### ATOMIC STRUCTURE AND PERIODIC TABLE

- Atoms, elements, compounds
- Chemical equations
- Mixtures and chromatography
- Separation techniques
- Distillation
- The history of the atom
- Electronic structure
- Development of the periodic table
- Modern periodic table
- Metals and non-metals
- Group 1
- Group 7
- Group 0

### BONDING, STRUCTURE AND PROPERTIES OF MATTER

- Formation of ions
- Ionic bonding
- Ionic compounds
- Covalent bonding
- Simple molecular substances
- Polymers and giant covalent structures
- Allotropes of carbon
- Metallic bonding
- States of matter
- Changes of state

### CHEMISTRY OF THE ATMOSPHERE

- Proportions of gases in the atmosphere
- Earth's early atmosphere
- How oxygen and carbon dioxide levels have changed
- Greenhouse gases
- Human activities that contribute to greenhouse gases
- Global climate change
- Carbon footprint
- Atmospheric pollutants

### ENERGY CHANGES

- Exothermic and endothermic reactions
- Energy profiles
- Bond energies

### CHEMICAL CHANGES

- Acids and bases
- Strong acids and weak acids
- Reactions of acids
- The reactivity series
- Separating metals from metal oxides
- Redox reactions
- Electrolysis of molten compounds
- Electrolysis of aqueous solutions

### Additional Content for Triple Science

#### ATOMIC STRUCTURE AND PERIODIC TABLE

- Properties of transition metals
- Comparison of transition metals with group 1 elements

#### BONDING, STRUCTURE AND PROPERTIES OF MATTER

- Bulk and surface properties of matter including nanoparticles
- Sizes of particles and their properties
- Uses of nanoparticles

#### ENERGY CHANGES

- Cells and Batteries
- Fuel Cells

## PHYSICS

### PARTICLE MODEL

- The particle model and pressure in gases
- Heating and Cooling curves
- Internal energy and changes of state
- Density of Materials
- Specific Latent heat
- Gas Pressure
- Increasing the pressure of a gas

### ATOMIC STRUCTURE

- Developing the model of the atom
- Isotopes and nuclear radiation
- Nuclear equations
- Half-life
- Irradiation and contamination

### FORCES

- Forces and their interactions
- Work done and energy transfer
- Forces and elasticity

### Additional CONTENT FOR TRIPLE SCIENCE

#### SPACE PHYSICS

- Solar system
- Lifecycle of a star
- Orbital motion, natural and artificial satellites
- Redshift

#### PARTICLE MODEL

- Pressure in gases
- Increasing the pressure of a gas (HT only)

#### ATOMIC STRUCTURE AND RADIATION

- Background radiation
- Different half-lives of radioactive isotopes
- Uses of nuclear radiation
- Nuclear fission
- Nuclear Fusion

### **Where can I get support from?**

- Retrieval and factual recall of previous topics done weekly within lessons
- All students welcome to 'drop in' with their science teachers
- Seneca learning [www.senecalearning.co.uk](http://www.senecalearning.co.uk). Choose GCSE Combined Science AQA
- [www.my-gcse-science.com](http://www.my-gcse-science.com) or <http://freesciencelessons.co.uk/aqa/> Short video tutorials of the course
- [www.bbc.co.uk/education/subjects](http://www.bbc.co.uk/education/subjects) - BBC bitesize is a favourite for many students as there are video clips and animations.
- [www.aqa.org.uk](http://www.aqa.org.uk) The exam board we follow is AQA. Visit here to download the specification and past exam papers/mark schemes.
- Required practical videos on [www.youtube.co.uk](http://www.youtube.co.uk) eg. Primrose Kitten or Malmsebury High School.

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

- Use full sentences
- Use Science specific vocabulary and think carefully about your keywords
- Link ideas together
- Use bullet point if it helps (but still use full sentences)
- Read over your answers to make sure they make sense. You can often prevent the loss of a few marks by doing this.

### **What revision strategies could I use?**

- ❖ Make sure the notes in your exercise book are complete. Read through these and highlight all the key words/model statements.
- ❖ Re-visit past green assessments and read the model answers you were provided with.
- ❖ Complete the questions at the end of each chapter in your revision guide, but make sure you mark them.
- ❖ Complete past paper questions that are accessible on Google Drive (the link to this is on Class Charts)
- ❖ Use Physics equations flash cards
- ❖ Make sure you can: convert units, name equipment accurately, describe and explain a variety of graphs.

## RELIGIOUS EDUCATION

### How many exams are there and how long will they be?

1 Exam paper, 80 Minutes, 3 Units

### What equipment will I need to bring?

A pen (and a spare pen)

### What topics will I need to revise?

#### Catholic Christianity Beliefs & Teachings

- The Trinity
- The incarnation
- The significance of the life, death, resurrection of Jesus
- Catholic beliefs about eschatology (life after death)

#### Catholic Christianity Practices

- The funeral rite as a liturgical celebration of the Church
- Liturgical worship within Catholic Christianity
- The nature and purpose of pilgrimages
- Catholic mission and evangelism

#### Catholic Christianity Sources of Wisdom and Authority

- The development and structure of the Bible as the revealed Word of God
- The magisterium of the Church
- Mary as a model of the Church
- Interpretation of the Bible

### Where can I get support from?

Google Classroom and SENECA Learning

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

#### **A Questions - Outline**

These must be answered in 3 full sentences. Remember to show 3 full stops and use 3 lines.

#### **B Questions - Explain or Describe**

These must be explained. Follow the structure R1.D1.R2.D2.

Give a reason and then explain it.

Give a second reason and explain it.

Use two paragraphs to show two different points.

#### **C Questions - Explain or Describe include a source of wisdom & authority in your answer.**

These must be explained. Follow the structure R1.D1.R2.D2.S

Give a reason and then explain it and include a source of wisdom to support your reason.

Give a second reason and explain it.

Use two paragraphs to show two different points.

You only need to include 1 source of wisdom and authority (quote) Make sure your quote links to the reason given

#### **D Question - Evaluate**

Give one paragraph to agree with the statement, one paragraph to disagree and a final paragraph as a conclusion.

P - Make a point: who would agree or disagree with the statement and a brief reason.

E - Evidence: What evidence supports your reason

A - Analysis: Explain how your evidence supports your reason and links to what the statement is claiming,

C - Conclusion: Is this a strong or weak argument, where is the evidence from? Is the evidence strong?

E - Exam: link back to the statement and check your SPaG.

Do this again for the opposing view.

In your conclusion explain which is the strongest argument and why. Which seems a more logical or persuasive argument.

**In section 1 & 3 you get 3 marks for Spelling, grammar and punctuation (SPaG). This means including key words.**

### What revision strategies could I use?

- ✓ Practice past paper questions
- ✓ Complete extra questions from the homework booklets
- ✓ Recap knowledge using SENECA learning
- ✓ Create flashcards or mind maps to revise key content.

## BUSINESS

### How many exams are there and how long will they be?

1 Exam  
90 minutes

### What equipment will I need to bring?

Student packs with pens, pencils, protractor, rulers and calculators

### What topics will I need to revise?

Theme 1: Investigating Small Businesses

- 1.1 Enterprise and entrepreneurship
- 1.2 Spotting a business opportunity
- 1.3 Putting a business idea into practice
- 1.4 Making the business effective
- 1.5 Understanding external influences

### Where can I get support from?

Use the Edexcel website to access past paper questions and mark schemes. (QR code link below). The mark schemes will tell you how marks are awarded for each question. When completing past papers you should be spending 1 minute per mark, so you would spend 12 minutes completing a 12 mark question.

Access the resources available through the digital curriculum using the QR code:



YouTube channel: BizConSesh GCSE Edexcel Business 9-1. Follow this QR code:



You will also have access to Seneca Learning and GCSE Bitesize.

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

Follow the exam structure that you practice in class. This will enable you to 'hit' all of the assessment objectives and ensure that your answers remain focussed on the demands of the question.

### What revision strategies could I use?

- Use the revision guide if you have one. If you do not, you may be able to borrow one from the Business office.
- Alternatively, you may want to produce flash cards or mind maps to summarise the key information on each topic.
- Access, practice and review exam style questions and mark schemes.

## Children's Play, Learning and Development BTEC Level 2 Tech Award

### How many exams are there and how long will they be?

1 x 100 minute PSA slot

### What equipment will I need to bring?

Class work book

### What topics will I need to revise?

- ✓ Knowledge and understanding of children's growth and development across these areas of development –
  - Physical
  - intellectual and cognitive
  - communication and language
  - social and emotional
- ✓ How family, health professionals and early years practitioners are all responsible for monitoring and checking whether a child's growth and development meets expected patterns of development, or milestones
- ✓ How physical, environmental, social and financial factors have an impact on a child's development.

### Where can I get support from?

Google Classroom links

<https://classroom.google.com/w/NDg5MzY4MzMxNzE5/tc/NTQ5MDI0MTMyMzY0>

Practice task -

<https://classroom.google.com/w/NDg5MzY4MzMxNzE5/tc/NTc1MzQwMzIzMDAx>

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

Link your response to the expected developments information that you have inside your classwork books

# COMPUTER SCIENCE

## How many exams are there and how long will they be?

1 exam, 90 minutes

## What equipment will I need to bring?

A pen

## What topics will I need to revise?

### 1.2 Memory and Storage:

- Primary Memory (RAM & ROM)
- Secondary Storage (Magnetic, Optical & Solid State, cloud storage and virtual storage)
- Units of data
- Binary numbers (including addition and shifts)
- Hexadecimal
- Using binary to represent images

### 2.1 Programming Techniques

- Variables, constants, operators, inputs, outputs
- 3 basic programming constructs (sequence, selection, iteration)
- String manipulation
- Arrays (1D and 2D)
- Data types (string, integer, float/real, boolean, character)

### 2.4 Boolean logic

- 3 logical operators (AND, OR, NOT)
- Logic circuits
- Truth Tables

## Where can I get support from?

- All completed work is on Google Classroom
- Free revision resources are also linked to on Google Classroom (including Craig and Dave videos, Ada Computer Science, CSNewbs, BBC Bitesize.
- All students are welcome to 'drop-in' to the Computer Science department to seek support from any teacher.
- Class teachers will offer individual support to their groups at a lunchtime / afterschool.
- Please ensure all revision is using OCR (J277) exam board materials.

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

- Do not leave any blanks
- Write in as much detail as possible, and use technical words and definitions

## What revision strategies could I use?

- Use your digital workbooks to revise and revisit key words and concepts
- Re-visit past assessments and read the model answers you were provided with
- Use revision books
- Use free online resources and Craig and Dave YouTube videos for reminders of challenging content

## **BTEC TECH AWARD IN CONSTRUCTION**

### **How many exams are there and how long will they be?**

There is one exam paper, which is 1 hour 15 min long.

### **What equipment will I need to bring?**

You will need to bring a pen, pencil and a ruler.

I would also recommend a calculator for the Maths aspect of the exam paper.

### **What topics will I need to revise?**

- Stability and performance requirements
- How to reduce the spread of fire
- Locations where sound insulation can be installed
- Working out the area of a trapezium
- Set up activities of a building site
- Two ways to control sub soil water
- Two hazards associated with ground work
- Name some existing services
- Label the components of a raft foundation
- Draw a cross section of a strip foundation
- Name the main components of a roof
- Two advantages of a flat roof construction
- Two reasons why an eco-joist is a sustainable form of construction
- Local benefits of building on a brown field site
- Advantages and disadvantages of building with a suspended / solid ground floor
- Advantages and disadvantages of building on a disused factory / Green space

### **Where can I get support from?**

Mr Cox / Mr Hughes will continue to work on the exam content during lessons until the exams with the focus being on revision strategies. It is essential for you to bring your revision textbook and your revision work book to each lesson.

All are welcome to come for form time support and to attend intervention sessions on Tuesday night from 3:10 to 4:00pm in 53 Technology room.

Mr Cox / Mr Hughes will also offer individual support within lessons.

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

The exam will last for one hour and 15 min. All questions should be answered in full. There is a range of question styles in the exam, it is important that they are read carefully and that any additional information given to help answer the questions is used.

The number of marks available for each question will indicate how much time should be allocated before moving on to the next section

### **What revision strategies could I use?**

A good way to collect information on the key topics is to produce a range of mind maps and flash cards along with using the Cornell method to produce accurate notes.

We would recommend that you spend time reading the revision guides and completing Cornell notes on each topic.

## **BTEC DANCE**

### **How many exams are there and how long will they be?**

2 x Controlled Assessments in PC room.  
100 mins x2  
200 mins total

### **What equipment will I need to bring?**

Component 2 Exercise Book and Resource Pack.

### **What topics will I need to revise?**

Performance Skills, Interpretive Skills (listed on the inside cover of your exercise book) and the meaning of the skills you have used during the rehearsal process and final showcase of 'This is Me' by Greatest Showman.

Performance skills include:

- ✓ Flexibility
- ✓ Strength
- ✓ Posture
- ✓ Balance
- ✓ Flow
- ✓ Dynamic Awareness etc.

Interpretive skills include:

- ✓ Facial Expressions
- ✓ Interpretation
- ✓ Musicality
- ✓ Rhythm & Timing etc.

### **Where can I get support from?**

- ✓ Re-Watching the Videos via Google Classroom.
- ✓ Continuing the evaluation work you have been completing during our lessons (milestones).
- ✓ Taking reflection notes on your overall process. Identify what areas of choreography do you need to improve upon. What skills do these areas link to?

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

Follow the structure of how to evaluate a strength or area to improve upon a skill that has been practised during lessons. Skill – Definition- Area of strength/improvement- impact on performance- target and how you're going to achieve this.

### **What revision strategies could I use?**

- Watching back the videos to highlight your progress
- Take notes of skills you want to develop
- Take notes of moments where you are performing well and link to a skill
- Create small achievable targets that you will work on.

## GCSE DESIGN TECHNOLOGY

### How many exams are there and how long will they be?

There is only one exam paper and it will last for 1 hr 20 min long. All questions are to be answered.

### What equipment will I need to bring?

Pupils will need to bring a pen, pencil and a ruler.

I would also recommend a calculator for the Maths aspect of the exam paper.

### What topics will I need to revise?

- How Kevlar fibres are arranged to give Kevlar its individual properties
- Two properties of manufactured boards
- How does JIT improve efficiency?
- To be able to explain the forces acting on a chair
- To explain the wood lamination process through drawing and sketching
- Name one box process used to remove waste material to make different parts of a prototype.  
Describe the process you have chosen
- Explain the purpose of 'quality control'.
- Identify the raw source of polymers and name a plastics manufacturing process.
- Name one box process used to remove waste material to make different parts of a prototype.  
Describe the process you have chosen
- To be able to explain the forces acting on a chair
- Analyse and evaluate the issues a consumer may consider before deciding to purchase products.  
(think about the environmental impact)
- Analyse and evaluate a children's playground.
- How to use anthropometric data in order to develop a children's playground
- Why do designers collaborate when creating a new design solution? (Give an example)
- Safety requirements when using cutting tools (Also give a reason why you would consider this safety requirement.)
- Why are surface finishes added to products / how does this improve aesthetics? (Give an example)
- Create an isometric drawing of a box
- Calculate the volume of a product
- Why is modelling important when creating a prototype?

### Where can I get support from?

Mr Hughes will continue to work on the exam content during lessons until the exams with the focus being on revision strategies.

It is essential for you to bring your revision textbook and your revision work book to each lesson.

Mr Hughes will also offer individual support within lessons.

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

There is a range of question styles in the exam, it is important that they are read carefully and that any additional information given to help answer the questions is used.

The number of marks available for each question will indicate how much time should be allocated before moving on to the next section

### What revision strategies could I use?

A good way to collect information on the key topics is to produce a range of mind maps and flash cards along with using the Cornell method to produce accurate notes.

We would recommend that you spend time reading the revision guides and completing Cornell notes on each topic.

# GEOGRAPHY

## How many exams are there and how long will they be?

One exam paper which is 90 minutes in length.

There are a variety of questions ranging from 1-9 marks. One question will assess spelling, punctuation and grammar.

## What equipment will I need to bring?

Pen, Pencil, Ruler and Calculator. It is essential that you have all of these as there will be a variety of skills assessed.

## What topics will I need to revise?

- The Changing Economic World:
  1. Basics of development (Development indicators, DTM, causes and consequences of uneven development and reducing the gap).
  2. Nigeria a NEE (Location and context of the country, changing employment, role of TNCs, impact of development, aid and links to the wider world).
  3. The UK economy (Changing employment, reasons for a post-industrial economy, impacts of a post-industrial economy and evidence for, transport, north-south divide and links to the wider world).
- The Living World
- Ecosystems (Basics and pond ecosystem example).
- Tropical rainforests (Climate and soil characteristics, plant and animal adaptations, causes and impacts of deforestation, sustainable management).
- Hot Deserts (Climate and soil characteristics, plant and animal adaptations, opportunities and challenges for development, desertification causes and management).
- Urban Issues and Challenges- Up to the end of Rio de Janeiro.

## Where can I get support from?

Your class teacher.

Geography Google Classroom.

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

**Remember to BUG the question to ensure you get the most of the marks.**

Box the command word.

Underline the key terms that help you see content.

Go and answer it.

Remember **if the question has a figure to annotate it, and start your sentences with:**

In figure X I can see...

**Remember your CATT connectives to help you expand on your point and explain it.**

Consequently

As a result of

Therefore

This means that

Don't forget to always **link back to what the question is asking through the command word.**

## What revision strategies could I use?

- ✓ Educake revision quizzes.
- ✓ Physics and Maths Tutor website for past papers and revision resources.
- ✓ Create mind maps from memory and add detail forgotten with a different coloured pen.
- ✓ Watch revision videos on Youtube or other platforms.
- ✓ Read through your exercise book and condense your notes.

## HEALTH AND SOCIAL CARE BTEC LEVEL 2 TECH AWARD

**How many exams are there and how long will they be?**

1 x 100 minute PSA slot

**What equipment will I need to bring?**

Class work book

**What topics will I need to revise?**

In this component, you have studied;

- How people grow and develop over the course of their life, from infancy to adulthood. This includes PIES development and the different factors that may affect this.
- How an individual's development can be affected by major life events, such as marriage, parenthood or moving to a new house
- How people adapt to these changes
- Types and sources of support that can help people adapt to change.

**Where can I get support from?**

Google Classroom links

A1 <https://classroom.google.com/w/NTQ5MzQwMjU5MDQ4/tc/NTU4MTc3MjgxMzg5>

A2 <https://classroom.google.com/w/NTQ5MzQwMjU5MDQ4/tc/NTU4MTc3NDQ3NjA4>

B1 <https://classroom.google.com/w/NTQ5MzQwMjU5MDQ4/tc/NDkxMTAwNzQxNTk0>

B2 <https://classroom.google.com/w/NTQ5MzQwMjU5MDQ4/tc/NTU4MTc3NjlxOTY3>

**What advice should I remember when writing my answers?**

Link to P.I.E.S and the expected developments information that you have inside your classwork books

# HISTORY

## How many exams are there and how long will they be?

1 exam 90 mins long.

## What topics will I need to revise?

The exam will have two parts

### Part 1

#### American West

In this section you will answer 3 questions

- Problems and solutions for farming on the Great Plains (e.g lack of rain helped by wind pumps)
- John Iliff and the cattle industry
- Goodnight and Loving and cattle industry
- Role of the cowboy and how it changed
- Impact of the winter of 1886-7 on the cattle industry
- Impact of the railways on the cattle industry
- Battle of Little Big Horn and its consequences
- Wounded Knee Massacre and its consequences

### Part 2

#### Anglo-Saxon and Norman England

In this section you will answer 4 questions

- Why were the Goodwin family so powerful?
- Why was there a succession crisis in 1066?
- Who claimed the throne in 1066 and their claims
- Battle of Gate Fulford
- Battle of Stamford Bridge
- Battle of Hastings
- How did William establish control after the Battle of Hastings (Submission of the Earls, rewarding followers, Marcher Earldoms and Motte and Bailey Castles)
- How did William maintain control after the Battle of Hastings (dealing with revolts, Harrying of the North, Feudal System, Domesday Book and Motte and Bailey Castles)

## Where can I get support from?

Please speak to your History teacher or use the resources on the KS4 History Google classroom page (there are ppts and model answers for most topics)

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

### American West

#### Q1 – Explain 1 consequence of... (4)

Consequence – something that happens as a result of something – can be good or bad. 1 mark for identifying a consequences other 3 marks for explaining it – write about 4 sentences

#### Q2 – Write a narrative account on (8)

This should be an answer which starts with the causes of something, then describes the events and finally looks at the consequences/results of something – try to connect with words like “this led to” aim to write about a page

#### Q3 – Explain the importance of (8)

This should be a answer that focuses on why something was important. Its worth 8 marks so try to think of two different reasons something was important and explain them.

### Anglo-Saxon and Normans

#### Q1a and 1b Describe one feature of (2)

Two small questions. 1 mark for identifying a feature and the second for describing it.

#### Q2 Explain why ... (12)

3 paragraphs explaining why something happened. Write at least 4 sentences in each paragraph.

#### Q3/Q4 Quote – How far do you agree (16)

This will suggest something was the main reason why something happened – write 2/3 paragraphs explaining why you agree with the statement and then 2/3 paragraphs explaining why you disagree. Then reach a conclusion on how far do you agree with the question

## What revision strategies could I use?

- Don't just read your book!
- Go through your book on the topics above and make summary notes – then try and use these to answer an exam question
- Revise in topics – don't try and revise everything at once

## HOSPITALITY AND CATERING WJEC LEVEL 2

### How many exams are there and how long will they be?

1 X 100 minute PSA slot

### What equipment will I need to bring?

Class work book

### What topics will I need to revise?

- Knowledge of the nutritional needs of a range of client groups
- Plan nutritional dishes to go on a menu.
- Safe and hygienic food preparation, cooking and finishing skills required to produce nutritional dishes.

### Where can I get support from?

Google Classroom link

<https://classroom.google.com/c/NDg5MzY3NzY4NTI1/a/NTkyMjE1NjMxMzly/details>

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

Link your response to a given scenario and the expected nutritional requirements information that you have inside your classwork books.

# MUSIC

## How many exams are there and how long will they be?

1 exam paper  
1 hour 20 mins (Listening exam)

## What equipment will I need to bring?

Pen

## What topics will I need to revise?

### **AoS2 Concerto Through Time**

You should revise typical characteristics and features of:

Baroque Solo Concerto

Focus on:

- Recognising instruments of the orchestra including the sections
- Texture and Instrumentation - How the soloist(s) and orchestra work together
- Dynamic contrasts
- Articulation and instrumental techniques
- Modulations and cadences
- Intervals
- Musical Devices

### **AoS 3 Rhythms of The World**

Revise the traditional rhythmic roots of:

Punjabi Bhangra

Revise the characteristic and rhythmic features of:

- Traditional Bhangra Music

### **AoS 4 Film Music**

Be prepared to answer two questions one on film and one on game music. One of these questions will be question 3, the extended nine marker question.

Revise features of:

- Madtshirt and demonstrate a complete understanding of these elements.
- How composers create music to support, express, complement and enhance a scene.
- A mood or emotion being conveyed on the screen
- A significant character(s) or place, specific actions or dramatic effects.

### **AoS 5 Conventions of Pop**

Revise the following topics:

**Rock 'n' Roll of the 1950s and 60s    Rock Anthems 60s,70s and 80s (Comparison Q)**

**Pop Ballads 70s and 80s                      Solo Artists 90s onwards**

Revise:

- Vocal techniques – including backing vocals
- Intervals
- Instrumental techniques – Guitar, Keyboard/Piano, Drum Kit
- How voices/instruments interact with each other
- Features of accompaniments in popular music
- Features and use of technology
- Typical musical characteristics and features of the topics above

## Where can I get support from?

- Tuesday and Wednesday lunchtime 12.35pm – 1.05pm Room 18
- Google Classroom contains all the revision topics covered in class.

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

There will be a question set on each topic listed above.

All questions should be answered in full. There is a range of question styles in the exam and it is important that all questions are **read carefully** and **answer questions using the timings and order practised in class**.

## What revision strategies could I use?

It is essential to bring books to class every lesson. A good way to collect information on the key topics is to produce a range of mind maps and flash cards along with using the Cornell method to produce accurate notes. You will have opportunities within lessons to work on these techniques.

## GCSE PHYSICAL EDUCATION

### How many exams are there and how long will they be?

1 Exam  
75 minutes  
78 marks

### What equipment will I need to bring?

Black pen(s), pencil, ruler, calculator.

### What topics will I need to revise?

#### Topic 1: Physical Training

- Seasonal aspects (p48)
- Short term and long term effects of exercise (p16)
- Warming up and cooling down (p49)
- Injury prevention (p46)
- Anaerobic and aerobic exercise (p14)
- EPOC (p15)
- Recovery from strenuous exercise (p15)
- Components of fitness (p30)
- Fitness testing (p32-36)
- Types of training (p39-43)
- High altitude training (p47)
- Principles of training (p38)
- Calculating training intensities (p44-45)

#### Topic 2: Sports Psychology

- Skill and ability (p58)
- Arousal (p65)
- Aggression (p67)
- Personality types (p68)
- Motivation (p69)
- Types of feedback (p64)
- Basic information processing model (p61)
- Types of goals (p59)
- SMART targets (p60)
- Types of guidance (p62-63)

### Where can I get support from?

I will be available for lunchtime support in room 6WR on Wednesday lunchtimes between 1:05pm - 1:35pm, or, you can email me for support at any point [dgavin@thornleigh.bolton.sch.uk](mailto:dgavin@thornleigh.bolton.sch.uk)

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

- Always make an informed choice when answering a multiple-choice question - never leave it blank!
- You should aim to spend one minute per mark as a rough guide, e.g. 4-mark question = 4 minutes.
- Remember how you access the Assessment Objectives for specific questions, e.g. 6 marks = 1 x AO1 (know), 2 x AO2 (apply), 3 x AO3 (say why/evaluate/analyse).

### What revision strategies could I use?

- You can use your class notes to revisit the information that we have been taught in class. It is important that you don't just re-read the information but ensure that you use some of the revision strategies that you have been taught in the study skills sessions you attended earlier this term (e.g. flash cards).
- You can use your revision guide for additional information. This would be a good thing to do as the information is presented differently, so you may benefit from using this in support of your class notes. There are also some practise questions you could attend in the revision guide.
- You can use our online platforms, GCSE Pod and/or Educake to revisit material through videos or to practise questions in various formats.

## SPANISH

### How many exams are there and how long will they be?

4 exams – Foundation or Higher Tier

Listening – 30 minutes

Reading – 40 minutes

Writing – 70 minutes

Speaking – 8 minutes (5 minutes preparation and then the 8-minute exam)

### What equipment will I need to bring?

A pen and a highlighter

### What topics will I need to revise?

#### Theme 1: PEOPLE AND LIFESTYLE

**Topic 1:** Identity & Relationships with others

**Topic 2:** Healthy Living & Lifestyle

**Topic 3:** Education and Work

#### Theme 2: POPULAR CULTURE

**Topic 1:** Free-time Activities

### Where can I get support from?

Use all the given resources – vocabulary book, grammar book and blue book – alongside online resources

- ✓ [www.languagesonline.org.uk](http://www.languagesonline.org.uk) – grammar explanations and topic vocabulary with activities to practise
- ✓ [www.memorizenow.com](http://www.memorizenow.com) – create flashcards to test yourself online
- ✓ [www.vocabexpress.com](http://www.vocabexpress.com) – register with your school e-mail address
- ✓ [www.mflgames.co.uk](http://www.mflgames.co.uk)
- ✓ [www.channel4.com/extra](http://www.channel4.com/extra)
- ✓ [www.bbc.co.uk/languages/spanish](http://www.bbc.co.uk/languages/spanish)
- ✓ [Duolingo – app for your phone](#)
- ✓ [www.lyricstraining.co.uk](http://www.lyricstraining.co.uk)
- ✓ [www.quizlet.com](http://www.quizlet.com) – vocabulary building exercises
- ✓ [www.kerboodle.com](http://www.kerboodle.com) – students have their own individual log on details – institution code is jsm4
- ✓ [YouTube – slow news in Spanish](#)

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

- All answers for the Listening (except the dictation into Spanish) and Reading exams will be in English.
- Ensure in the writing paper that you include 3 timeframes, opinions and reasons and meet the word count
- Answer the question, covering all the bullet points with what you know and do not waffle.

### What revision strategies could I use?

- Vocabulary learning is essential and all students have their own copy of a prescribed list of words
- Students need to revise all classwork and revisit extended reading and written pieces.
- All students have access to additional resources on Kerboodle for both Listening and Reading practice
- Create flashcards, glossaries or mind maps with key vocabulary on the main theme/topic areas

## **BTEC SPORT**

### **How many exams are there and how long will they be?**

1 Exam  
30 minutes

### **What equipment will I need to bring?**

Pen

### **What topics will I need to revise?**

- Components of Fitness - MMSFAB and PCRAB - definitions and how they are used in different sports.
- Principles of Training - FITT
- Additional Principles of Training - SPORRAVI
- Goal Setting - SMARTER

### **Where can I get support from?**

- Use the Educake website to complete quizzes on the topics you need to revise.
- Resources are on Google Classroom.

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

- Read the question
- Underline the keywords
- Answer all questions

### **What revision strategies could I use?**

- Use the resources on Google Classroom. These can be used to produce flash cards to summarise the key information.
- Read, repeat, cover and check
- Access, practice and review exam style questions and mark schemes.