

**HELSEBY**

**High School**



Achieving Success  
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# **Year 11**

**Quick Guide**

**Exam Preparation for PPE 2**

**February**

**2026**

## **Business**

### **Year 11 GCSE Business PPE 2 Revision**

**Teachers Miss Kavanagh & Mrs Turner**

#### **GCSE Edexcel Exam Board**

**Assessment** - 1 hour 45 minutes including a range of multiple choice, short answer questions and longer case study questions.

#### **2.1.1 Business Growth**

##### **Methods of business growth and their impact:**

- internal (organic) growth: new products (innovation, research and development), new markets (through changing the marketing mix or taking advantage of technology and/or expanding overseas)
- external (inorganic) growth: merger, takeover

##### **The types of business ownership for growing businesses:**

- public limited company (plc)

##### **Sources of finance for growing and established businesses:**

- internal sources: retained profit, selling assets
- external sources: loan capital, share capital, including stock market flotation (public limited companies)

**Revision link:** <https://www.bbc.co.uk/bitesize/guides/z72nt39/revision/1>

#### **2.1.2 Changes in business aims and objectives**

##### **Why business aims and objectives change as businesses evolve:**

- in response to: market conditions, technology, performance, legislation, internal reasons

##### **How business aims and objectives change as businesses evolve:**

- focus on survival or growth
- entering or exiting markets
- growing or reducing the workforce
- increasing or decreasing product range

**Revision link:** <https://www.bbc.co.uk/bitesize/guides/zhy9rj6/revision/1>

#### **2.1.3 Business and Globalisation**

##### **The impact of globalisation on businesses:**

- imports: competition from overseas, buying from overseas
- exports: selling to overseas markets
- changing business locations
- multinationals

##### **Barriers to international trade:**

- tariffs
- trade blocs

##### **How businesses compete internationally:**

- the use of the internet and e-commerce

- changing the marketing mix to compete internationally

Revision link: <https://www.bbc.co.uk/bitesize/guides/zh3847h/revision/1>

#### 2.1.4 Ethics, the Environment and Business

**The impact of ethical and environmental considerations on businesses:**

- how ethical considerations influence business activity: possible trade-offs between ethics and profit
- how environmental considerations influence business activity: possible trade-offs between the environment, sustainability and profit
- the potential impact of pressure group activity on the marketing mix

Revision link: <https://www.bbc.co.uk/bitesize/guides/z7nr382/revision/1>

#### 2.2.1 Product

**The design mix:**

- function, aesthetics, cost

**The product life cycle:**

- the phases of the product life cycle and extension strategies
- The importance to a business of differentiating a product/service

Revision link: <https://www.bbc.co.uk/bitesize/guides/z63847h/revision/1>

#### 2.2.2 Price

- pricing strategies
- influences on pricing strategies: technology, competition, market segments, product life cycle

Revision link: <https://www.bbc.co.uk/bitesize/guides/zn47wty/revision/1>

#### 2.2.3 Promotion

- appropriate promotion strategies for different market segments: advertising, sponsorship, product trials, special offers, branding
- the use of technology in promotion: targeted advertising online, viral advertising via social media, e-newsletters

Revision link: <https://www.bbc.co.uk/bitesize/guides/zvjhxyz/revision/1>

#### 2.2.4 Place

- methods of distribution: retailers and e-tailers (e-commerce)

Revision link: <https://www.bbc.co.uk/bitesize/guides/z7cqd6f/revision/1>

#### 2.2.5 Using the marketing mix to make business decisions

- How each element of the marketing mix can influence other elements
- Using the marketing mix to build competitive advantage
- How an integrated marketing mix can influence competitive advantage

Revision link: <https://www.bbc.co.uk/bitesize/guides/zn2shbk/revision/1>

#### Additional Revision Resources

##### Edexcel GCSE Business Revision Guide

- Page 49 Business growth
- Page 50 Public limited companies (PLCs)
- Page 51 Financing growth

- Page 52 Why business objectives change
- Page 53 How business objectives change
- Page 54 Business and globalisation
- Page 55 International trade
- Page 56 Competing internationally
- Page 57 Ethics and business
- Page 58 Environmental issues
- Page 59 Product
- Page 61 The importance of price
- Page 62 Pricing strategies
- Page 63 Promotion
- Page 64 Promotion, branding and technology
- Page 65 Place
- Page 66 Integrated marketing mix

**Edexcel GCSE Business Knowledge Book** – focus on the sections on Business Growth & Marketing Decisions

## **Computer Science**

### **Assessment**

- Paper 1 (Programming) 1 hour 30 mins
- Paper 2 (Computing concepts) 1 hour 30 mins

### **Paper 1 topics (1 hour 30 mins)**

#### **3.1 Fundamentals of algorithms (Exam paper 1)**

- 3.1.1 Representing algorithms (pages 1-3, 32)
- 3.1.2 Efficiency of algorithms (page 32)
- 3.1.3 Searching algorithms (page 4)
- 3.1.4 Sorting algorithms (pages 5-6)

#### **3.2 Programming (Exam paper 1) (Pages 23-27 for programming in Python)**

- 3.2.1 Data types (page 8)
- 3.2.2 Programming concepts (pages 10, 12-15)
- 3.2.3 Arithmetic operations in a programming language (page 9)
- 3.2.4 Relational operations in a programming language (page 9)
- 3.2.5 Boolean operations in a programming language (page 16)
- 3.2.6 Data structures (pages 18-20)
- 3.2.7 Input/output (page 23)
- 3.2.8 String handling operations in a programming language (page 11)
- 3.2.9 Random number generation in a programming language (page 17)

- 3.2.10 Structured programming and subroutines (procedures and functions) (pages 21-22)
- 3.2.11 Robust and secure programming (page 29-31)

Paper 2 topics (1 hour 30 mins)

**3.3 Fundamentals of data representation (Exam paper 2)**

- 3.3.1 Number bases (pages 38, 41)
- 3.3.2 Converting between number bases (pages 38, 41-42)
- 3.3.3 Units of Information (page 37)
- 3.3.4 Binary arithmetic (page 39-40)
- 3.3.5 Character encoding (page 43)
- 3.3.6 Representing images (page 44)
- 3.3.7 Representing sound (page 45)
- 3.3.8 Data compression (pages 46-48)

**3.4 Computer systems (Exam paper 2)**

- 3.4.1 Hardware and software (page 50)
- 3.4.2 Boolean logic (pages 34-36)
- 3.4.3 Software classification (pages 57-59)
- 3.4.4 Classification of programming languages and translators (page 60)
- 3.4.5 Systems architecture (page 50-56)

**3.5 Fundamentals of computer networks (Exam paper 2) (pages 65-69)**

**3.6 Cyber security (Exam paper 2)**

- 3.6.1 Fundamentals of cyber security (page 70)
- 3.6.2 Cyber security threats (page 70-72)
  - 3.6.2.1 Social engineering
  - 3.6.2.2 Malicious code (malware)

**3.7 Relational databases and structured query language (SQL) (Exam Paper 2) (Limited to that covered in class)**

- 3.7.1 Relational databases (page 61)
- 3.7.2 Structured query language (SQL) (pages 62-63)

**Revision resources**

- CGP Revision book (page references are stated above)
- Class booklets
- Revision flash cards
- CraignDave on YouTube

## **GCSE AQA Design and Technology**

Written assessment paper – 60 minutes

Topics will include:

### **Materials**

*Metals: ferrous, non-ferrous, alloys (e.g., brass).  
Polymers: thermoforming (softens when heated),  
thermosetting (does not soften).  
Composites: CRP, GRP, plywood.  
Natural timbers: hardwoods, softwoods, key  
properties.  
Smart materials: SMA, thermochromic pigments,  
photochromic pigments.*

### **Material Properties**

*Toughness – withstands impact.  
Hardness – resists scratching/indentation.  
Malleability – shaped by pressing.  
Ductility – stretched without breaking.  
Elasticity – returns to original shape.  
Conductivity – thermal/electrical.*

### **Maths in D&T**

*Volume = length × width × height.  
Area = length × width.  
Tolerances = acceptable measurement variation.*

### **Tools, Equipment & Safety**

*Always complete a risk assessment.  
Hazards: cuts, burns, entanglement, dust.  
Controls: PPE, guards, extraction, training.  
Tools: pillar drill, laser cutter, sander, sewing  
machine, soldering iron.*

### **Motion & Mechanisms**

*Types of motion: linear, rotary, reciprocating,  
oscillating.  
Mechanisms: cams, gears, levers, linkages.*

Knowledge organisers will be uploaded digitally to Class Charts.

Useful revision websites for the written paper assessment:

- <https://www.bbc.co.uk/bitesize/examspecs/zby2bdm>
- <https://filestore.aqa.org.uk/resources/design-and-technology/specifications/AQA-8552-SP-2017.PDF>

Useful revision textbooks for the written paper assessment:

- *AQA GCSE (9–1) Design and Technology* — Michael Ross  
ISBN-13: 978-1-910523-10-0
- *Clear Revise AQA GCSE 8552 – Illustrated Revision and Practice* — L. Sheppard  
ISBN-13: 978-1-910523-24-7

### **Forces**

*Compression, tension, shear, torsion, bending.  
Apply to products (e.g., chair legs in compression).*

### **Stock Forms**

*Sheets, rods, bars, planks, tubes, granules.  
Benefits: cheaper, standard sizes, easy to store,  
reduces waste.*

### **CAD/CAM**

*CAD: accurate modelling, testing, batch  
production.  
CAM: laser cutting, CNC routing, 3D printing.*

### **Designers**

*Harry Beck, James Dyson, Dieter Rams  
Know: inspiration, materials, technologies used.*

### **Manufacturing Processes**

*Marking out → cutting/shaping → joining →  
finishing.  
Jigs/templates for accuracy in batch production.*

Additional revision resources:

- <https://www.pgonline.co.uk/resources/design-and-technology/gcse-aga/gcse-design-and-technology-textbook-8552/>
- <https://www.pgonline.co.uk/resources/design-and-technology/gcse-aga/clearrevise-8552/>

During the PPE period, pupils in Design and Technology will also undertake one double lesson working on their NEA.

### **English Language**

Component One: 21st Century Literature Reading and Creative Prose Writing

For section A you will be given an extract from a story and you will have 5 questions to answer on it. You have one hour to complete this section.

For section B you will be asked to write a short story and choose one option from a choice of four. You will be tested on the accuracy of your work in this section so check spelling, punctuation and grammar carefully. You have 45 minutes to complete this section.

There are practice papers and an exam walk through for you to use as part of your preparation on the KS4 GCSE Support section on Teams in GCSE English Language. In addition to this use the revision notes and guidance given to you by your class teacher. Revision materials are also available on your Seneca Learning account.

### **English Literature**

Component Two 'An Inspector Calls', 'A Christmas Carol' and Unseen poetry.

Section A: answer one question on 'An Inspector Calls' You should spend around 45 minutes on this question. You need to make sure that you comment on the whole text as well as the extract that you will be given on the exam paper.

Section B: Answer one question on 'A Christmas Carol' You should spend around 45 minutes on this question. You need to make sure that you comment on the whole text as well as the extract that you will be given on the exam paper.

Section C: you will be given two unseen poems. You should spend an hour on this section. The first question will focus on one of the poems printed on the exam paper. The second question will ask you to compare the first poem to a second one. Spend 20 minutes answering the first question and then 40 minutes on the second question where you will need to compare both poems.

There are practice papers and an exam walk through for you to use as part of your preparation on the KS4 GCSE Support section on Teams in GCSE English Literature. In addition to this use the revision notes and guidance given to you by your class teacher. Revision materials are also available on your Seneca Learning account.

## **GCSE Eduqas Food Preparation and Nutrition**

During PPE2 window, year 11 will be working on their live, second non-exam assessment (NEA2). The NEA2 sessions will encompass working on section C – evaluating the food made in the 3 hour practical exam that they will have done at the end of January.

Once NEA2 is finished we will be moving on to preparation for the written paper and will conduct a mock written exam in our own lesson time after February half term.

The following revision resources are useful for the written exam:

- GCSE Food Preparation & Nutrition WJEC Eduqas Complete Revision & Practice by CGP Books, ISBN-13: 978-1789080995 ([GCSE Food Preparation & Nutrition WJEC Eduqas Complete Revision & Practice \(with Online Quizzes\): perfect for the 2026 and 2027 exams \(CGP WJEC Eduqas GCSE Food Prep\) : CGP Books, CGP Books: Amazon.co.uk: Books](#))
- GCSE Food Preparation & Nutrition WJEC Eduqas Revision Question Cards by CGP ([GCSE Food Preparation & Nutrition WJEC Eduqas Revision Question Cards: for the 2026 and 2027 exams \(CGP WJEC Eduqas GCSE Food Prep\) : CGP Books, CGP Books: Amazon.co.uk: Books](#))
- GCSE Food Preparation and Nutrition: Revision Guide by Jayne Hill , Illuminate publishing, ISBN-13 : 978-1908682871 ([Eduqas GCSE Food Preparation and Nutrition: Revision Guide: Amazon.co.uk: Hill, Jayne: 9781908682871: Books](#))
- My Revision Notes: WJEC Eduqas GCSE Food Preparation and Nutrition by Helen Buckland, Hodder Education ISBN-13 : 978-1471885396 ([My Revision Notes: WJEC Eduqas GCSE Food Preparation and Nutrition: Amazon.co.uk: Buckland, Helen: 9781471885396: Books](#))

## **OCR Cambridge National in Health and Social Care**

A written assessment, 1 hour in duration specifically covering:

- Unit R032: Principles of care in health and social care settings - Topic Area 3 which focuses on effective communication in health and social care settings.

The following are the best sources of revision:

- Lesson Pack - already provided to you
- A3 revision sheets - already provided to you
- Exam Pack - already provided to you
- Revision book if you should wish to purchase one: My Revision Notes: Level 1/Level 2 Cambridge National in Health & Social Care: Second Edition Paperback – 9 Sept. 2022, by Judith Adams ISBN13-978-1398351240, ([https://www.amazon.co.uk/My-Revision-Notes-Cambridge-National/dp/1398351245/ref=sr\\_1\\_2?crd=6TBG7YTFHEN7&keywords=cambridge+national+health+and+social+care+my+revision+notes&qid=1702399838&srefix=cambridge+national+health+and+social+care+my+revision+notes%2Caps%2C71&sr=8-2](https://www.amazon.co.uk/My-Revision-Notes-Cambridge-National/dp/1398351245/ref=sr_1_2?crd=6TBG7YTFHEN7&keywords=cambridge+national+health+and+social+care+my+revision+notes&qid=1702399838&srefix=cambridge+national+health+and+social+care+my+revision+notes%2Caps%2C71&sr=8-2))

## **Geography**

Geography students will be tested on a full Geographical Skills Paper (Paper 3).

The duration of the exam is 1 hour and 30 minutes.

Students are advised to use class notes, revision guides, the Year 11 revision TEAMS page, and past papers to support their independent revision.

Students should also revise the **Liverpool fieldwork** write-up **and** the **River Alyn fieldwork** to support their preparation.

**Past papers** can be accessed from the following websites:

- [www.ocr.co.uk](http://www.ocr.co.uk)  
- <https://www.ocr.org.uk/qualifications/past-paper-finder/>
- [www.physicsandmathstutor.com](http://www.physicsandmathstutor.com)  
- <https://www.physicsandmathstutor.com/past-papers/gcse-geography/ocr-a-paper-3/>

## **History**

OCR B (SHP)

### **Paper 1: History Around Us (Quarry Bank Mill)**

1hr

2 x 25 mark essay questions (from a choice of three)

### **Paper 2: The Making of America 1789-1900**

55 mins

3 x 1 mark questions

1 x 9 mark question

1x 10 mark question

1x 18 mark question (from a choice of 2)

### **Revision Materials**

- Students will follow a revision schedule to help them prepare for the assessment. This will include a specific task each week and will be followed up with a short knowledge test in class the following week.
- Students will take their books home to revise.
- A CGP revision guide is available to purchase on ScoPay.

All worksheets used in lessons can be found Teams/ KS4 GCSE Support/ General/ History/ Files

- Students may also find it helpful to use the following website to revisit topics and quiz themselves.

<https://www.bbc.co.uk/bitesize> <https://senecalearning.com/en-GB/> (click 'Students use for free' and use your school email and password to log-in.)

## **Maths**

The Maths department will provide a list of revision topics on Class Charts. Students should revise all topics covered since the start of year 9.

Pupils will have 3 x 1hour 3 min exams. Paper 1 is non calculator, papers 2 and 3 are calculator.

Students should be working through past papers provided by their class teachers in preparation for the exam.

Revision resources :

<https://www.drfrostmaths.com/>

<https://www.mathsgenie.co.uk/gcse.html>

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

<https://hegartymaths.com/>

<https://www.onmaths.com/>

### **GCSE Further Maths**

- Product rule for counting
- Surds – simplifying and rationalising
- Binomial expansion
- nth term of quadratic sequences
- Equation of straight line graphs inc parallel and perpendicular
- Length of a line segment
- Equation of a circle
- Equation of a tangent to a circle
- Factorising
- Algebraic fractions – simplifying, multiplying and dividing, addition and subtraction
- Algebraic fractions – solving equations
- Rearranging formula
- Algebraic division
- Factor theorem
- Solutions of linear and quadratic equations

- Solving linear simultaneous equations
- Solving linear equations with three unknowns
- Solving linear inequalities and representing graphically
- Solving quadratic inequalities and representing graphically
- Multiplying matrices
- Representing transformations with matrices including combined transformations
- Simplifying indices
- Solving equations with indices
- Differentiation of polynomials
- Equations of tangents and normal
- Turning points inc problem solving
- Curve sketching/interpreting

Use Sparx Maths to revise. Log on and then click on independent learning on the left hand menu. Change "Your curriculum" to AQA Level 2 Further Maths and then you can search for any of the above topics.

### **Media Studies**

For GCSE Media Studies, students will sit a full Component 1 exam paper (90 minutes long) where they will be assessed on \*some\* of the following topics:

- Advertising: This Girl Can & Quality Street.
- Film industry: 'No Time To Die' & 'The Man With The Golden Gun' marketing.
- Magazines: GQ & Vogue.
- Radio: BBC Radio 4's 'The Archers'.
- Gaming Industry: Fortnite
- Newspaper industry: The Sun (NOT The Guardian, as this text will not be taught until after PPE2).
- An 'unseen' element which could be a magazine or newspaper front cover, an advert, or a film poster.

### **In order to revise, students should:**

- Use their Zig-Zag e-revision accounts (accessed via school email) to attempt all the revision quizzes and activities for each of the set texts listed above.
- Make use of the fact sheets and free digital resources on the Eduqas media studies website <https://resources.eduqas.co.uk/Pages/ResourceSingle.aspx?rId=950>
- Re-watch all the relevant Mrs Fisher revision videos on YouTube for each set text and all the key GCSE Media theorists.
- Refer to ALL their notes in their books and folders from class.

## **MFL**

### **French**

Students will be given the writing, reading & listening components of a full GCSE exam for these PPEs. The practice speaking exams took place in January and the listening exam will take place in lessons the week before the other exams.

To prepare for the reading & listening exams, students should prepare by revising vocabulary (into English) and by completing any exam practice activities on Language Nut (just search AQA French). They can also complete practice tasks on BBC Bitesize AQA (new 2026) French.

To prepare for the writing exam students will need to revise all of the topics covered so far and practise essay questions (50 & 90 word foundation and 90 & 150 word higher) on topics of:

1 Family & relationships

2 Healthy Living

3 Education & work

4 Free-time

5 Celebrity culture

6 Festivals & celebrations

7 Travel & tourism

8 Media & technology

9 My region & the environment

Students should have a clear checklist of the tenses and other grammatical structures that they plan to include in their answers. They would also be well advised to memorise a few good phrases for each topic.

If you make any revision notes or write out some practice answers, your teacher will willingly mark these for you.

If you would like to buy an additional GCSE revision guide, please make sure that it is for the new specification – AQA French GCSE from 2026.

### **German**

Students will be given the writing, reading & listening components of a full GCSE exam for these PPEs. The practice speaking exams took place in January and the listening exam will take place in lessons the week before the other exams. To prepare for the reading & listening exams, students should prepare by revising vocabulary (into English) and by completing any exam practice activities on Language Nut (just search AQA German). They can also complete practice tasks on BBC Bitesize AQA (new 2026) German.

To prepare for the writing exam students will need to revise all of the topics covered so far and practise essay questions (50 & 90 word foundation and 90 & 150 word higher) on topics of:

- 1 Family & relationships
- 2 Healthy Living
- 3 Education & work
- 4 Free-time
- 5 Celebrity culture
- 6 Festivals & celebrations
- 7 Travel & tourism
- 8 Media & technology
- 9 My region & the environment

Students should have a clear checklist of the tenses and other grammatical structures that they plan to include in their answers. They would also be well advised to memorise a few good phrases for each topic.

If you make any revision notes or write out some practice answers, you teacher will willingly mark these for you. If you would like to buy an additional GCSE revision guide, please make sure that it is for the new specification – AQA German GCSE from 2026.

## **Music**

The year 11 Music PPE2 will be structured like a full GCSE exam. The exam is split into two sections.

Section A is a listening section in which students must listen to extracts and write the correct response to the question in relation to the elements of music. Students should ensure that they have revised the elements of music and key terms within each element.

Section B is comprised of questions based on the set works students have been studying. Students will have questions on their study of three songs Queen and Beethoven's First Symphony in relation to the style or genre of the piece. For example, the classical idea of balance and symmetry for Beethoven's First Symphony. Students will have an essay question on both set works. Students should use their books and revision resources on Teams to study for this section.

Please use your books to revise all Queen pieces and Beethoven's First Symphony. You must revise key features of each piece in relation to the element of music it relates to. You must also revise keywords relating to elements of music and practice recognising these aurally.

You will receive a revision pack which includes all information for Queen and Beethoven's First Symphony organised into the relevant elements of music.

You can access good revision resources on BBC Bitesize by searching 'BBC Bitesize AQA GCSE Music' GCSE Music - AQA - BBC Bitesize

You can also access aural listening questions by searching on YouTube 'AQA GCSE music listening tests'.

If you have any questions or need any further support. Feel free to come to music during any break time throughout the week for some revision.

### Times for extra support

**Wednesday - break**

**Thursday - break**

**Wednesday - afterschool**

**Friday - afterschool**

### GCSE Physical Education

Paper 1 (90 mins)

#### **1. Applied anatomy and physiology**

- The structure and functions of the musculoskeletal system
- The structure and functions of the cardiorespiratory system
- Anaerobic and aerobic exercise
- The short- and long-term effects of exercise

#### **2. Movement analysis**

- Lever systems, examples of their use in activity and the mechanical advantage they provide in movement
- Planes and axes of movement

#### **3. Physical Training**

- The relationship between health and fitness and the role that exercise plays in both
- The components of fitness, benefits for sport and how fitness is measured and improve
- The principles of training and their application to personal exercise/ training programmes
- The long-term effects of exercise
- How to optimise training and prevent injury
- Effective use of warm up and cool down

#### **4. Use of data**

Use of data

## **Paper 2 (45 mins)**

### **1. Health, fitness and well-being**

- Physical, Emotional, and Social Health
- Well-being
- Lifestyle Choices
- Sedentary lifestyles
- Balanced Diet
- Optimum Weight

### **2. Sport psychology**

- Classification of skills
- The use of goal setting and SMART targets to improve and/or optimise performance
- Guidance and feedback on performance
- Mental preparation for performance

Students can revise using their course booklets, Exams Made Easy exam style question books, Seneca online package, Everlearner YouTube channel, and BBC bitesize (Edexcel specification)

## **RE**

### **Paper 1 – 1hr 45**

#### **Christianity**

You must revise the following topics

- Marriage and the Family
- Christian beliefs
- Living the Christian Life
- Matters of life and death

### **Paper 2 – 1hr**

#### **Judaism**

You must revise the following topics:

- Jewish beliefs
- Crime and Punishment
- Living the Jewish life

## **Sociology**

### **1 Paper 1hr 45 – Crime and Deviance and Social Stratification**

**You must make sure you revise the following topics**

#### **Crime and Deviance**

- Measuring crime and social construction
- Social Control
- Factors affecting crime
- Media and crime
- Functionalism and crime
- Marxism and crime
- Feminism and crime
- Interactionism
- Social class and crime
- Ethnicity and crime
- Age and crime
- Treatment and punishment
- Plus remember to look at the key studies!

#### **Social Stratification**

- What is social stratification
- Functionalism
- Life chances
- Power – Weber
- Power relationships
- Class – Marx
- Class – Weber
- Poverty and Townsend
- Poverty New Right and Murray
- Globalisation and affluent workers
- Plus remember to look at the key studies

#### **Research Methods**

**You must revise all the strengths and limitations/weaknesses for research methods and know what each research method is**

- Experiments
- Types of data
- Survey and questionnaire
- Interviews
- Observations
- Official statistics
- Case studies and longitudinal studies
- Sampling
- Analysing data

## Science

### GCSE Biology Combined Science Trilogy

Your assessment will be on any of the content found in the last 3 large topics of the course. Content was taught in year 10 and 11. The following is an indication of the broad content that you could be tested on.

- All of B5: Homeostasis and response. (example topics include: The nervous system, Hormones, Blood sugar control, Fertility)
- All of B6: Inheritance, variation and evolution. (example topics include: Meiosis, DNA, Genetic crosses, Evolution, Selective Breeding, Genetic engineering, Extinction, Classification)
- All of B7: Ecology. (example topics include: Adaptation, food webs, cycles, biodiversity)
- How Science Skills work, such as analysing data, simple calculations and evaluating information.
- You may also be tested on work covered when performing a Required practical.

Your assessment will last 75 minutes, and you should bring a pen, pencil, calculator and ruler.

You will be provided with digital copies of knowledge organisers and past papers via ClassCharts, and links to interactive tasks such as Seneca.

### GCSE Biology Separate Science

Your assessment will be on any of the content that has been taught in the last 3 large topics of the course. Content was taught in year 10 and 11. The following is an indication of the broad content that you could be tested on.

- All of B5: Homeostasis and response. (example topics include: The nervous system, Brain, Eye, Thermoregulation, Hormones, Blood sugar control, Fertility, Plant Hormones)
- All of B6: Inheritance, variation and evolution. (example topics include: Meiosis, DNA, Cloning, Genetic crosses, Evolution, Speciation, Selective Breeding, Genetic engineering, Extinction, Classification)
- All of B7 **covered so far**: Ecology. (example topics include: food chains, cycles, biodiversity, sampling, decomposition).
- How Science Skills work, such as analysing data, simple calculations and evaluating information.
- You may also be tested on work covered when performing a Required practical.

Your assessment will last 1 hour and 45 minutes, and you should bring a pen, pencil, calculator and ruler.

You will be provided with digital copies of knowledge organisers and past papers via ClassCharts, and links to interactive tasks such as Seneca.

### **GCSE Chemistry Combined Science Trilogy**

- **C6 the rate and extent of chemical change**
- **C7 Organic chemistry**
- **C8 Chemical analysis**
- **C9 Chemistry of the atmosphere**
- **C10 Using resources**
- **C11 Chemistry of the atmosphere**
- How Science Skills work, such as analysing data, simple calculations and evaluating information.
- You may also be tested on work covered when performing a Required practical.

Your assessment will last 1 hour and 15 minutes, and you should bring a pen, pencil, calculator and ruler.

You will be provided with digital copies of knowledge organisers and past papers via ClassCharts, and links to interactive tasks such as Seneca.

### **GCSE Chemistry Separates Science**

- **C6 The rate and extent of chemical change**
- **C7 Organic chemistry**
- **C8 Chemical analysis**
- How Science Skills work, such as analysing data, simple calculations and evaluating information.
- You may also be tested on work covered when performing a Required practical.

Your assessment will last 1 hour and 45 minutes, and you should bring a pen, pencil, calculator and ruler.

You will be provided with digital copies of knowledge organisers and past papers via ClassCharts, and links to interactive tasks such as Seneca.

### **GCSE Physics Combined Science Trilogy**

Your assessment will last 1 hour and 15 minutes, and you should bring a pen, pencil, calculator and ruler.

You will be provided with digital copies of knowledge organisers and past papers via ClassCharts, and links to interactive tasks such as Seneca.

- **P7 Forces**
- **P8Waves**
- **P9 Magnetism and electromagnetism**
- How Science Skills work, such as analysing data, simple calculations and evaluating information.
- You may also be tested on work covered when performing a Required practical.

## GCSE Physics Separates Science

- **P7 Forces**
- **P8Waves**
- **P9 Magnetism and electromagnetism**
- How Science Skills work, such as analysing data, simple calculations and evaluating information.
- You may also be tested on work covered when performing a Required practical.

Your assessment will last 1 hour and 45 minutes, and you should bring a pen, pencil, calculator and ruler.

You will be provided with digital copies of knowledge organisers and past papers via ClassCharts, and links to interactive tasks such as Seneca.