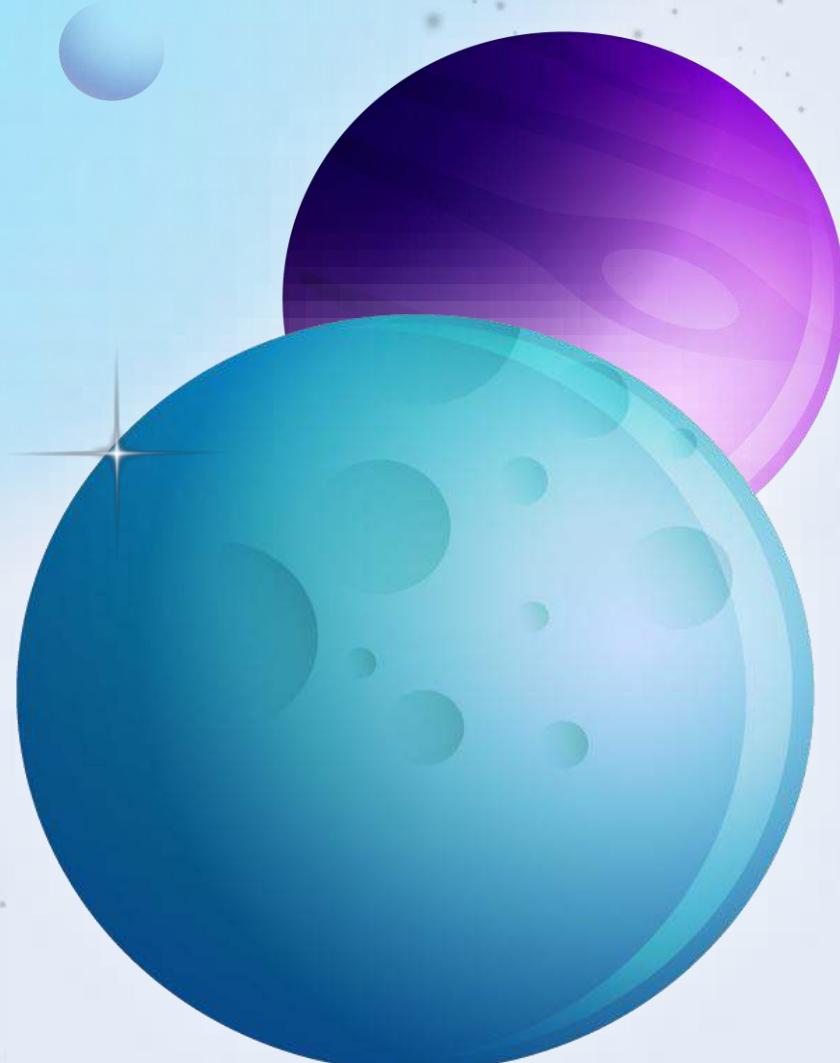




# GCSE Science – What you need to know!

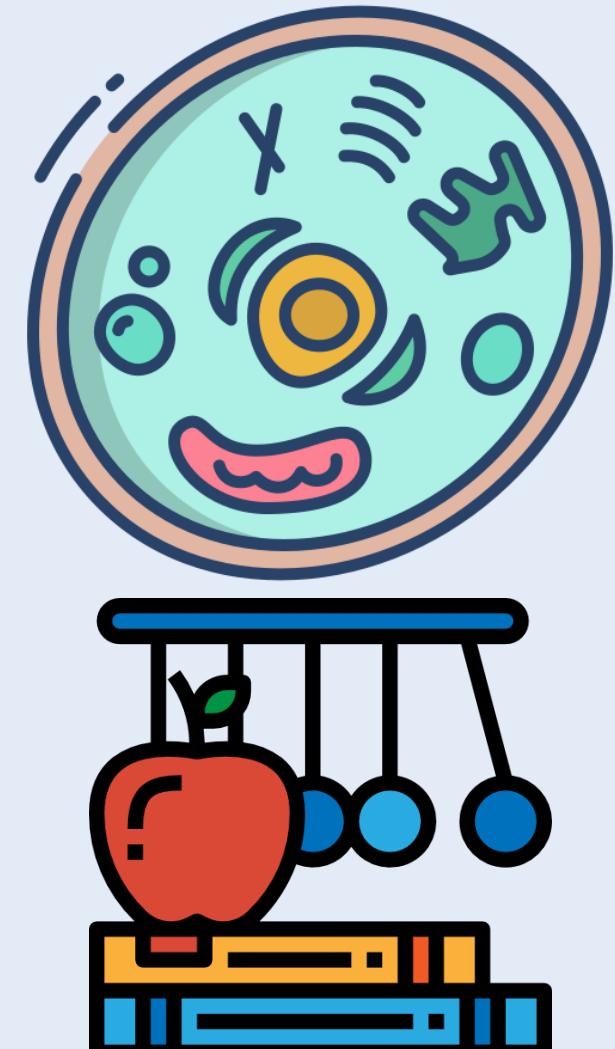
Year 9 Pathways



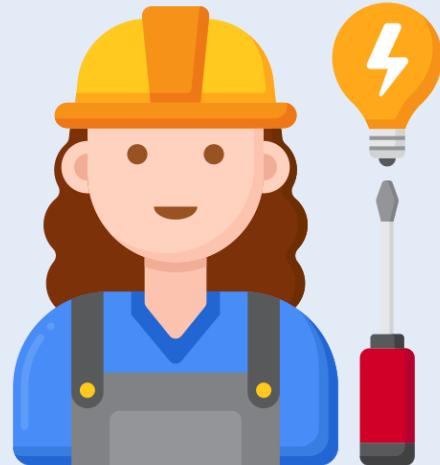
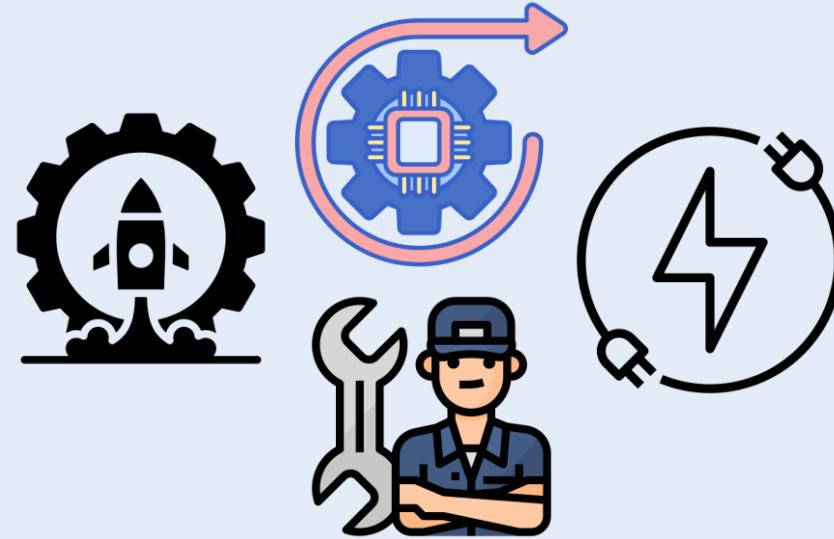
## Why Study Science?



- Essential life skills
- Scientific literacy
- Preparation for a modern workforce
- Fairness
- Transferable skills
- Global challenges

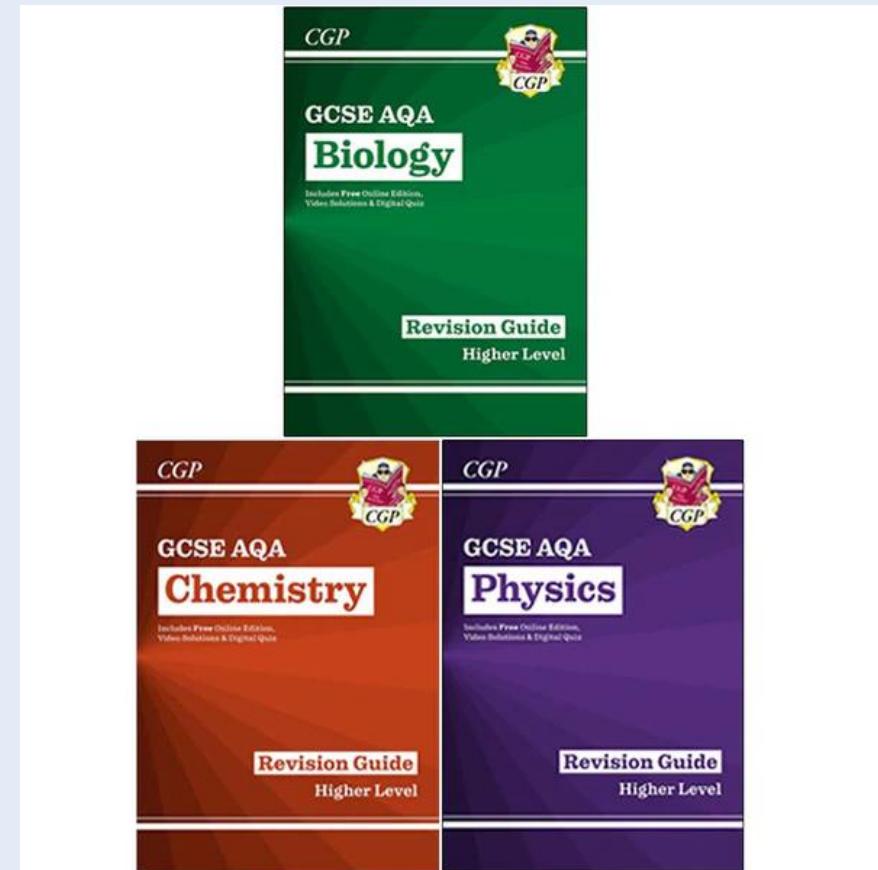


## Possible Careers





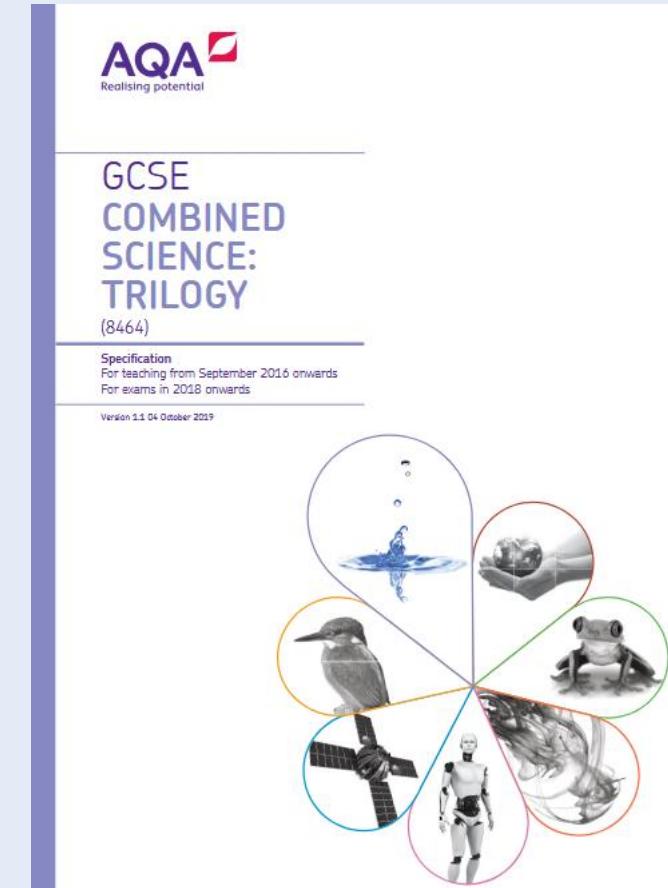
## Exam Board: AQA



# GCSE Combined Science: Trilogy



- You will study biology, chemistry & physics
- Less content
- You will gain 2 GCSEs from science
- Example: 6-5, 7-7
- Can still study science A-levels





- 21 required practical's
- Assessed by examinations





6 Exams

1 hour 15 minutes

70 marks

16.7% of GCSE

Foundation and Higher Tier

**AQA**

Please write clearly in block capitals.

Centre number

Candidate number

Surname \_\_\_\_\_

Forename(s) \_\_\_\_\_

Candidate signature \_\_\_\_\_

I declare this is my own work.

## GCSE COMBINED SCIENCE: TRILOGY

**H**

Higher Tier  
Biology Paper 1H

Friday 10 May 2024

Morning

Time allowed: 1 hour 15 minutes

### Materials

For this paper you must have:

- a ruler
- a scientific calculator.

### Instructions

- Use black ink or black ball-point pen.
- Pencil should only be used for drawing.
- Fill in the boxes at the top of this page.
- Answer all questions in the spaces provided.
- If you need extra space for your answer(s), use the lined pages at the end of this book. Write the question number against your answer(s).
- Do all rough work in this book. Cross through any work you do not want to be marked.
- In all calculations, show clearly how you work out your answer.

For Examiner's Use	
Question	Mark
1	
2	
3	
4	
5	
6	
7	
<b>TOTAL</b>	

### Information

- The maximum mark for this paper is 70.
- The marks for questions are shown in brackets.
- You are expected to use a calculator where appropriate.
- You are reminded of the need for good English and clear presentation in your answers.



**Awarded two GCSE grades  
(e.g., 6-5, 7-7, etc.).**

**Foundation Tier:  
grades 1–5 (5-5 max)**

**Higher Tier: 4–9**

**AQA**

Please write clearly in block capitals.

Centre number						Candidate number				
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Surname \_\_\_\_\_

Forename(s) \_\_\_\_\_

Candidate signature \_\_\_\_\_

I declare this is my own work.

**GCSE  
COMBINED SCIENCE: TRILOGY**

**H**

**Higher Tier  
Biology Paper 1H**

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Friday 10 May 2024      Morning      Time allowed: 1 hour 15 minutes

**Materials**  
For this paper you must have:

- a ruler
- a scientific calculator.

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For Examiner's Use	
Question	Mark
1	
2	
3	
4	
5	
6	
7	
<b>TOTAL</b>	

# AQA Triple Science (Separate Sciences)



3 separate GCSEs: Biology, Chemistry & Physics

More content than Trilogy

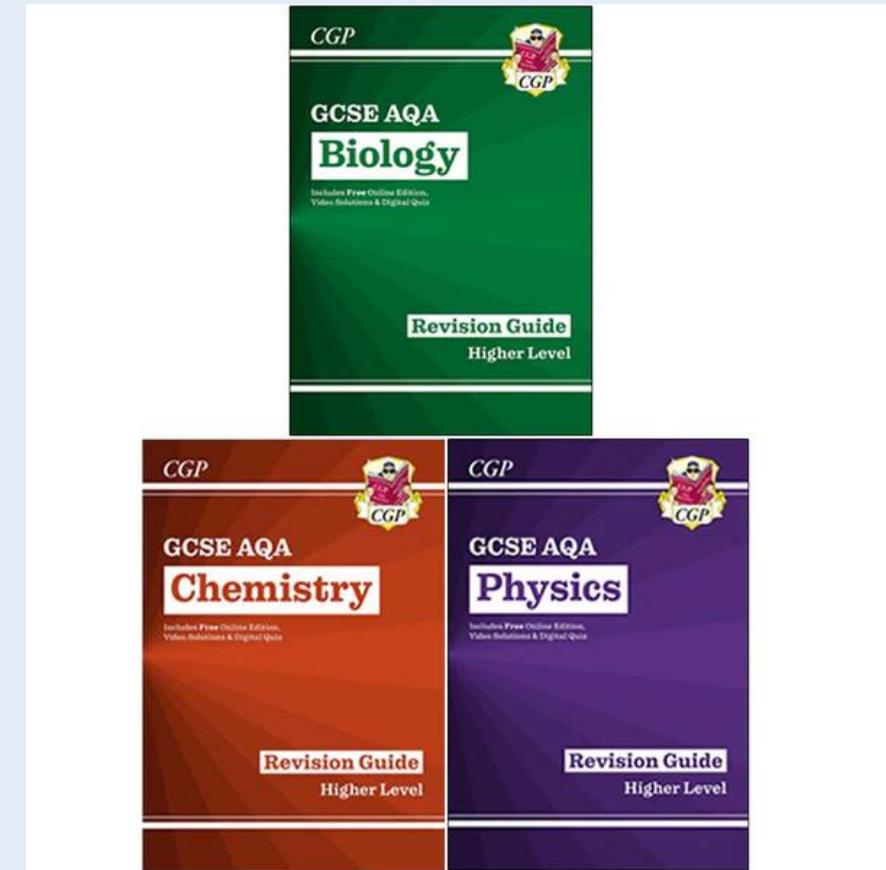
Longer exams (1hr 45 each)

Grades awarded separately 1–9

Strong maths skills required

Good for students who enjoy science

Ideal for future science A-levels and STEM careers





# Why Study Separate Sciences (Triple Science)



Become better prepared for  
A-level science

*Since you cover more science  
topics, you will be better prepared.*



No extra exam papers

*Each exam is just 30 minutes longer.*



Get a GCSE per science

*That's 3 overall!*

*Show off your individual strengths*



Extra science on your  
timetable

*So those who study science can enjoy  
it more often!*

## Taster: Aseptic Technique



- Culturing microbes
- Aseptic technique



What's the difference between Combined Science and Triple Science?

Do Triple Science students get more lesson time?

Do Triple students sit more exams than Combined?

Is Triple Science harder?

What science grades do I need to take Triple?

Do I need Triple Science to take science A-levels?

Do I need Triple Science for medical or STEM careers?

Can I take Triple Science if I find maths difficult?

Can I still get high grades in Combined Science?

Will I be with my friends if I choose Triple?

Do Triple Science students do more practical experiments?

Is Triple Science worth choosing?