



Getting The Grade

Science

What course am I doing?

- ▶ GCSE Combined Science
- ▶ GCSE Separate Sciences (Biology, Chemistry & Physics)

Which exam board do we use?

- ▶ AQA
- ▶ The Combined Science course follows the Trilogy specification

Is there any coursework?

- ▶ No, 100% terminal exam

How many exams will there be?

- ▶ Both routes will have six exam papers
 - ▶ Two Biology exams
 - ▶ Two Chemistry exams
 - ▶ Two Physics exams
 - ▶ *Combined Science papers: 1 hour 15*

Triple Science papers: 1 hour 45

October Mocks: Combined

Topics to Revise - Foundation	Topics to Revise - Higher
<ul style="list-style-type: none">• Cell structures and functions.	<ul style="list-style-type: none">• Communicable and non-communicable diseases
<ul style="list-style-type: none">• The human digestive system.• The required practical on investigating the effect of pH on amylase.	<ul style="list-style-type: none">• How to use a light microscope
<ul style="list-style-type: none">• Plants and photosynthesis.	<ul style="list-style-type: none">• The human circulatory system• The adaptations and functions of different blood vessels.
<ul style="list-style-type: none">• The structure of the human heart• The adaptations and functions of different blood vessels.	<ul style="list-style-type: none">• Plants and photosynthesis
<ul style="list-style-type: none">• The human breathing system• Gas exchange	<ul style="list-style-type: none">• Testing for starch – application of knowledge to an unfamiliar context• The required practical on investigating the effect of pH on amylase.
<ul style="list-style-type: none">• Communicable and non-communicable diseases	<ul style="list-style-type: none">• Antibiotics and antibiotic resistance
<ul style="list-style-type: none">• How to use a light microscope	

October Mocks: Triple

Topics to Revise - Foundation	Topics to Revise - Higher
<ul style="list-style-type: none">• The required practical on investigating osmosis.	<ul style="list-style-type: none">• Testing new drugs
<ul style="list-style-type: none">• Plants and photosynthesis	<ul style="list-style-type: none">• The circulatory system• Coronary heart disease
<ul style="list-style-type: none">• Protists and malaria• Asexual reproduction	<ul style="list-style-type: none">• Vaccination and the immune response.• The required practical on aseptic techniques.
<ul style="list-style-type: none">• Food and digestion• The required practical on investigating the effect of pH on amylase.	<ul style="list-style-type: none">• The body's response to exercise• Monoclonal antibodies
<ul style="list-style-type: none">• Testing new drugs	<ul style="list-style-type: none">• Protists and malaria• Comparing sexual and asexual reproduction
<ul style="list-style-type: none">• The circulatory system• Coronary heart disease	<ul style="list-style-type: none">• Photosynthesis

What will be in the exam?

1. Cell biology
2. Organisation
3. Infection and response
4. Bioenergetics

5. Homeostasis and response
6. Inheritance, variation and evolution
7. Ecology



Biology

What will be in the exam?

8. Atomic structure and the periodic table
9. Bonding, structure, and the properties of matter
10. Quantitative chemistry
11. Chemical changes
12. Energy changes

13. The rate and extent of chemical change
14. Organic chemistry
15. Chemical analysis
16. Chemistry of the atmosphere
17. Using resources

Chemistry

What will be in the exam?

18. Energy

19. Electricity

20. Particle model of matter

21. Atomic structure

22. Forces

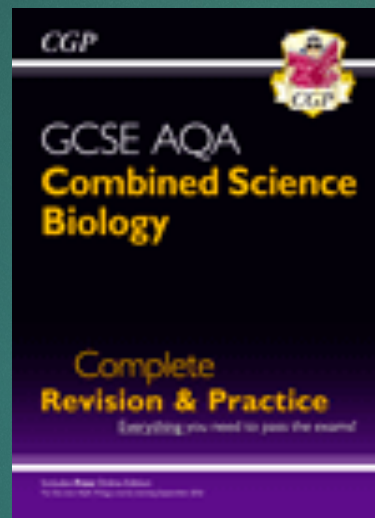
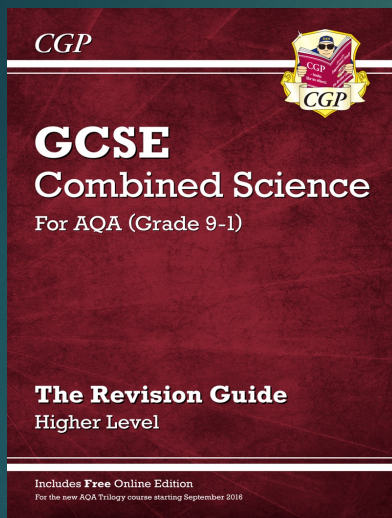
23. Waves

24. Magnetism and electromagnetism

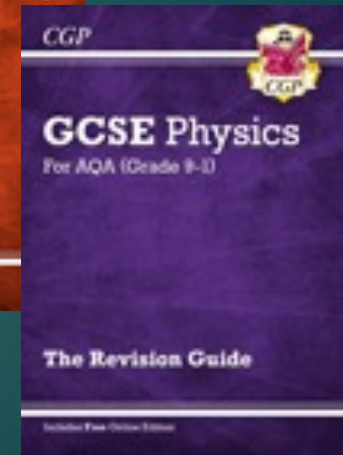
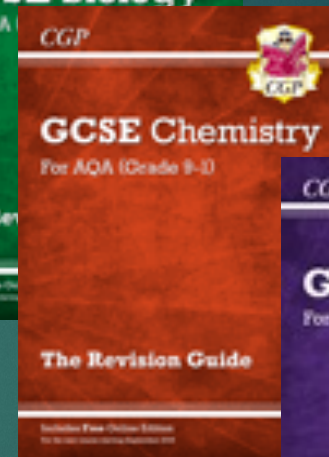
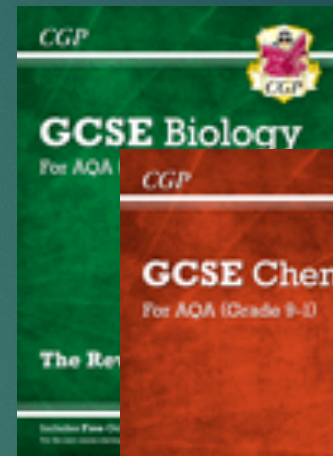
Physics

Revision Guides

Combined Science:



Triple Science:



How Can You Revise?

freesciencelessons

