

GCSE Biology

Your course is AQA GCSE Biology 8461

You can find the specification for your course here

https://www.aga.org.uk/subjects/science/gcse/biology-8461

The GCSE is divided in to two 100-mark exams. These are as follows:

SOORT





Paper One: Biology

- Cell Biology
- Organisation
- Infection and Response
- Bioenergetics

Required practicals

- Microscopy
- Antibiotics and bacterial growth
- Osmosis
- Enzymes
- Food tests
- Photosynthesis

Paper two: Biology

- Homeostasis
- Adaptation, Interdependence and Competition
- Inheritance, Variation and Evolution

Required Practicals

- Growth of seedlings
- Reaction times
- Field investigations
- Decay

What resources do you need?

- A revision guide.
- Revision cards
- A Maths in Science guide.
- A work book
- A knowledge organiser

All can be purchased from the online shop









Additional resources

- 1. Log on to the student shared area. Go to the Year 10 folder then click on the folder called year 10 revision resources. Then click on Science preparing for your GCSE. Here you will find all of the power points for all of the topics, exam questions with answers, past exam papers from AQA and a folder with power points and videos for each of the required practicals. Everything you need to revise is in this folder!
- 2. Further exam papers can be found here https://www.aqa.org.uk/find-past-papers-and-mark-schemes
- 3. Videos | freesciencelessons
- 4. AQA GCSE Biology Revision Notes 2018 | Save My Exams
- 5. GCSE Biology (Single Science) AQA BBC Bitesize



GCSE Physics

Your course is AQA GCSE Physics 8463



You can find the specification for your course here https://www.aqa.org.uk/subjects/science/gcse/physics-8463



The GCSE is divided in to two 100-mark exams. These are as follows:

Paper One: Physics

- Particle Model of Matter
- Atomic Structure
- Energy
- Electricity

Required practicals

- Specific heat capacity
- Testing thermal insulators
- Resistance
- V I characteristics
- Density

Paper Two: Physics

- Forces
- Waves
- Magnetism and Electromagnetism
- Space physics

Required practicals

- Force and extension
- Acceleration
- Waves
- Reflection and refraction
- Radiation and absorption

What resources do you need?

- A revision guide.
- Revision cards
- A Maths in Science guide.
- A work book
- A knowledge organiser

All can be purchased from the online shop









Additional resources

- Log on to the student shared area. Go to the Year 10 folder then click on the folder called year 10 revision resources. Then click on Science preparing for your GCSE. Here you will find all of the power points for all of the topics, exam questions with answers, past exam papers from AQA and a folder with power points and videos for each of the required practicals. Everything you need to revise is in this folder!
- 2. Further exam papers can be found here https://www.aqa.org.uk/find-past-papers-and-mark-schemes
- 3. Videos | freesciencelessons
- 4. AQA GCSE Physics Topic Questions 2018 | Save My Exams
- 5. GCSE Physics (Single Science) AQA BBC Bitesize



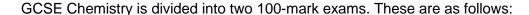
GCSE Chemistry





Your course is AQA GCSE Chemistry 8462

You can find the specification for your course here: https://www.aga.org.uk/subjects/science/gcse/chemistry-8462





Paper One: Chemistry

- Atomic Structure
- Bonding
- Chemical Changes
- Quantitative Chemistry
- Energy changes

Required practicals

- Making salts
- Electrolysis
- Titration
- Temperature changes

Paper two: Chemistry

- Rates of Reaction
- Organic Chemistry
- Chemical Analysis
- Chemistry of the Atmosphere
- Using Resources

Required practicals

- Rates of reaction
- Chromatography
- Testing for lons
- Water purification

What resources do you need?

- A revision guide.
- Revision cards
- A Maths in Science guide.
- A knowledge organiser and PLC booklet.
- A work book
 - All can be purchased from the online shop









Additional resources

- 1. Log on to the student shared area. Go to the Year 10 folder then click on the folder called year 10 revision resources. Then click on Science preparing for your GCSE. Here you will find all of the power points for all of the topics, exam questions with answers, past exam papers from AQA and a folder with power points and videos for each of the required practicals. Everything you need to revise is in this folder!
- 2. Further exam papers can be found here https://www.aga.org.uk/find-past-papers-and-mark-schemes
- 3. Videos | freesciencelessons
- 4. AQA GCSE Chemistry Revision Notes 2018 | Save My Exams
- 5. GCSE Chemistry (Single Science) AQA BBC Bitesize