

SUBJECT LEAD

Miss M Bryan

AQA Biology (8461) 1 GCSE
AQA Chemistry (8462) 1 GCSE
AQA Physics (8463) 1 GCSE

mbryan@fracademy.org



Triple Science

6 Exams

3 GCSEs



How will I be assessed?

AQA Biology: 8461 - Paper 1:
Topics 1 – 4. **Paper 2: Topics 5 – 7.**

1. Cell biology
2. Organisation
3. Infection and response
4. Bioenergetics
5. Homeostasis and response
6. Inheritance, variation and evolution
7. Ecology

AQA Chemistry: 8462 - Paper 1:
Topics 1 – 5. **Paper 2: Topics 6 – 10**

1. Atomic Structure and the Periodic Table
2. Bonding, Structure and the Properties of Matter
3. Quantitative Chemistry
4. Chemical Changes
5. Energy Changes
6. The Rate and Extent of Chemical Change
7. Organic Chemistry
8. Chemical Analysis
9. Chemistry of the Atmosphere
10. Using Resources

AQA Physics: 8463 - Paper 1:
Topics 1 – 4. **Paper 2: Topics 5 – 8**

1. Energy
2. Electricity
3. Particle model of matter
4. Atomic structure
5. Forces
6. Waves
7. Magnetism & Electromagnetism
8. Space

Course Summary

Triple Science is an option which includes the content from the Combined Science GCSE plus additional content at a higher level, designed to prepare students for traditional A-Levels within the sciences.

Whilst Triple is not a requirement for A-Level Sciences, it is designed to allow an easier knowledge transition from GCSE.

Practical skills will be developed throughout the course in 'required practical's'. Successful understanding of these skills will be assessed in the examination paper at the end of the course.

USEFUL RESOURCES

- The schools [Firefly pages](#).
- Seneca to support classwork and independent learning (app.senecalearning.com)
- [GCSE Pod](#)
- [BBC Bitesize](#)

Progression

A -level Biology, Chemistry and Physics with a view to entering a science-based career such as engineering, medicine, veterinary medicine, biochemistry & scientific research.