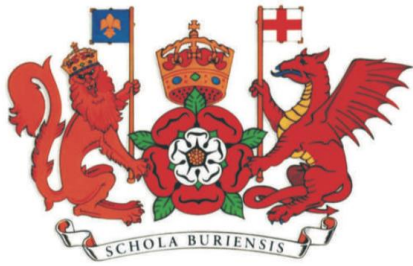


King Edward VI School Options

- Combined Science
- Separate Science



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What is AQA Trilogy Science?

- A relevant science course that links science to issues relevant to all pupils.
- A course that will develop pupils ability to create arguments that link evidence to conclusions.
- A course that will develop pupils abilities in their understanding of how practical experiments are designed to develop scientific explanations.



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Combined Science

- Combined science is a double award GCSE so pupils will get a double grade (i.e. 9/9, 5/4 etc)
- Covers a range of biology, chemistry and physics topics
- Includes the key assessed practical techniques pupils can be assessed on in their exams
- Students require a grade 6 to continue their study of science at A-Level



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Separate Science

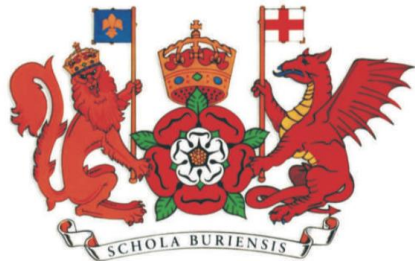
- In the separate science course students will get a separate GCSE grade in Biology, Chemistry and Physics.
- Covers the same range of biology, chemistry and physics topics as in combined science but in greater depth
- Includes the assessed practical techniques for each of Biology, Chemistry and Physics that pupils can be assessed on in their exams
- Students require a grade 6 to continue their study of science at A-Level



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Biology Topics

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



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Chemistry Topics

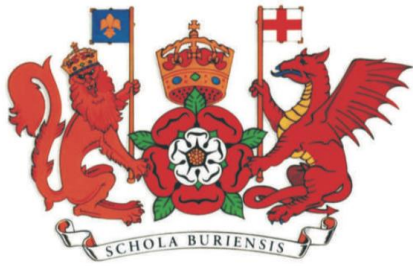
- 1. Atomic structure and the periodic table
- 2. Bonding, structure, and the properties of matter
- 3. Quantitative chemistry
- 4. Chemical changes
- 5. Energy changes
- 6. The rate and extent of chemical change
- 7. Organic chemistry
- 8. Chemical analysis
- 9. Chemistry of the atmosphere
- 10. Using resources



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Physics Topics

- 1. Forces
- 2. Energy
- 3. Waves
- 4. Electricity
- 5. Magnetism and electromagnetism
- 6. Particle model of matter
- 7. Atomic structure
- 8. Space physics (Physics only)



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Combined Science Exams

Biology

Biology Paper 1
1hr 15mins

16.7% of total GCSE

Biology Paper 2
1hr 15mins

16.7% of total GCSE

Chemistry

Chemistry Paper 1
1hr 15mins

16.7% of total GCSE

Chemistry Paper 2
1hr 15mins

16.7% of total GCSE

Physics

Physics Paper 1
1hr 15mins

16.7% of total GCSE

Physics Paper 2
1hr 15mins

16.7% of total GCSE



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Separate Science Exams

Biology

Biology Paper 1
1hr 45mins

50% of total GCSE

Biology Paper 2
1hr 45mins

50% of total GCSE

Chemistry

Chemistry Paper 1
1hr 45mins

50% of total GCSE

Chemistry Paper 2
1hr 45mins

50% of total GCSE

Physics

Physics Paper 1
1hr 45mins

50% of total GCSE

Physics Paper 2
1hr 45mins

50% of total GCSE



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Revising for Science

- Students would benefit from reading daily newspapers and accessing science sections of websites such as the BBC.
- They should get their science revision guide from student services
- Revising using the past papers available on the AQA website is the best preparation for their exams