

A Level AQA Chemistry



ARNOLD HILL
SPENCER ACADEMY

Aims of the course

Chemistry helps us to understand the world in which we live and underpins a wide range of science-based degree courses and careers. A level Chemistry blends theoretical knowledge with practical experimentation, providing a deep understanding of Chemistry's core concepts and their applications in the wider world.

What is the outline of the course content?

Assessment	Overview	Marks	%
2 hrs	Physical and Inorganic Chemistry	105	35
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2 hrs	Chemistry and Practical Skills	90	30

The course builds and develops content from GCSE building skills, knowledge and wider understanding of the three strands of Chemistry how they link together and giving opportunities to develop practical and analytical skills

What skills will I learn?

It is one of the most respected and widely accepted A-Level subjects for further education developing essential transferable skills including:

- Literacy and Numeracy
- Logical thought
- Critical thinking,
- Problem-solving,
- Data analysis
- Teamwork
- Laboratory techniques.

These skills are highly valued in various industries and can be applied to a wide range of career paths

What careers can A Level Biology lead to?

This course can support further study at degree level or careers in most STEM (Science, Technology, Engineering and Maths) areas including: Chemistry, Dentistry, Medicine Agriculture, Pharmaceuticals, Environmental Science, Engineering, Toxicology, Space Exploration, Energy, Teaching, Science Writing.

STEM Careers include:

- Biomedical Scientist
- Drug Research and Development
- Engineering
- Environmental Scientist
- Food Scientist
- Forensic Scientist
- Fuel Technologist
- Manufacturing Engineer
- Materials Scientist
- Medicine / Dentistry / Veterinary

Further information:



Previous grades

	A*	A	B	C	D	E
2021	1	5	3	2	1	3
2022	0	7	5	3	3	1
2023	0	3	5	0	2	2
2024	0	1	3	2	0	1

What are the entry requirements?

GCSE Chemistry Grade 6

GCSE Science Minimum Grade 6

It is recommended that pupils achieve at least a grade 6 in Maths due to the increased mathematical demands of the specification.

Want more information?

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