



LAWNSWOOD
SCHOOL



Lawnswood School

BTEC Applied Science Level 3

We are delighted you have chosen to study BTEC Applied Science Level 3 with us.

We are with the exam board AQA. The AQA website has more detailed information on the course.

<https://www.aqa.org.uk/subjects/science/applied-general/science/qualifications-at-a-glance-overview>

Course Structure

- The AQA Level 3 vocational qualification is a practical introduction to science and supports progression to further study or employment.
- You will be taught a mixture of Biology, Chemistry and Physics, building on your knowledge from GCSE. These topics will be tested on in an external exam and coursework. You will also complete a unit where you will be tested on your understanding of a specific topic set by the exam board that you have researched.

- **Assessment**

50% external exams 50% coursework portfolios.

You will also complete regular internal assessments to monitor your progress on the course.

- **Grade Requirements**

At least 55 in GCSE Science, grade 5 in English and Maths.

Year 12

Unit 1 Key concepts in Science (exam)

- Develop your knowledge and understanding of key concepts in science and how they are applied in the medical, healthcare, food, chemical, environmental, pharmaceutical, material and car industries.

Unit 2 Applied Experimental Techniques (coursework)

- You will research the background to a number of analytical and experimental techniques, learn and practice these techniques, and then use them in specific applied or vocational settings.

Unit 3 Science in the modern world (exam)

- You will be given a pre-release case study which you will learn about in advance of your exam. You will develop your analytical, evaluative and critical thinking skills. Previous topics have included heart disease, electric cars and fracking.

Year 13

Unit 4 The human Body (exam)

- Develop your knowledge and understanding of human anatomy and physiology through the application of health and sports science.

Unit 5 Investigating Science (coursework)

- You will plan and carry out an individual scientific investigation that relates to science in the real world.

Unit 6 Medical Physics (coursework)

- You will gain insight and a deeper understanding into some of the key areas in modern medical physics.

What skills will I need?

- Organisation and planning skills
- Practical skills
- Good literacy / writing skills
- Able to work independently
- Research skills
- Determination – you will need to work hard

What skills will I develop?

- Practical skills
- Research skills
- Extended writing in a scientific context
- Independent working & time management
- Deep and broad understanding of Science across all 3 disciplines

Where will this qualification take me?

- This is a Level 3 qualification which is equivalent to studying A-Levels and will earn you UCAS points.
- Higher Education – science-based courses e.g. Biochemical Sciences, Chemistry, Food Technology, Human Physiology, Nursing, Sports Science, Materials Science, and Medical Physics.
- World of work

C Garbutt – Science Teacher

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