

Mayflower High School

WHAT WILL I STUDY?

BTEC Nationals Applied Science Level 3 is divided into 4 units. You will be studying the following topics:

Year 12

Unit 1

- Structure and bonding in applications of Science
- Production and uses of substances in relation to properties
- Cell structure and function
- Cell specialisation
- Tissue structure and function
- Working with waves
- Waves in communication and the uses of electromagnetic waves

Unit 2

There is a practical assessed unit that is delivered and marked in school. There are four assignments that cover the following:

- Titration and colorimetry
- Calorimetry
- Chromatographic techniques
- Skills development and competency

Year 13

Unit 3

A practical assessed unit that is set by the Exam Board.

Unit 4

Internally assessed unit covering physiology of human body systems.

WHAT ARE THE OPPORTUNITIES AFTER A LEVEL?

Progression to Higher Education and/or to pursue a career in science (biomedical, forensics, sports science, paramedic, nursing). Employment in science related occupations.

WHAT ARE THE COURSE ENTRY REQUIREMENTS?

Grade 5 in GCSE Combined Science or grade 5 in two of the three Separate Sciences. A grade 5 in GCSE Mathematics and English Language is also desirable.

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