

# Applied Science

BTEC Level 3 Extended Certificate or National Diploma



ST. MARY MAGDALENE

C OF E SIXTH FORM

PENINSULA CAMPUS

Excellence through innovation,  
founded in faith since 1840.

Exam Board: **Pearson**

## What is Applied Science?

The course is designed for students wishing to progress to higher education courses in the applied science and healthcare sector before entering employment. Students will study Biology, Chemistry, Physics and contemporary issues in science. This particular qualification is equivalent in size to 1 A Level (*Extended Certificate*) or 2 A Levels (*National Diploma*).

## What will I study?

### Mandatory units:

Unit 1: Principles and Application of Science I

Unit 2: Practical Scientific Procedures and Techniques

Unit 3: Science Investigation Skills

Unit 4: Laboratory Techniques and their application (National diploma only)

Unit 5: Principles and Applications of Science II (National Diploma only)

Unit 6: Investigative Project (National Diploma only)

### Optional Units:

Extended certificate students will take 1 further optional unit whereas national diploma students will take 2 further optional units.

## What entry requirements will I need?

In addition to the general entry requirements, you will need a grade 4/4 in Combined Science or grade 4's in Separate Science.

## How will I be taught?

- National Diploma: 10hrs contact time plus 5hrs private study per week.
- Extended Certificate: 5hrs contact time plus 5hrs private study per week.
- Range of external (exam) and Internal (Coursework) assessments
- Regular assessment.

## How will I be assessed?

Units	External/Internal
<b>National Diploma:</b> Units 1, 3 & 5	External (exam)- 46%
<b>Extended Certificate:</b> Units 1 & 3	External (exam)- 58%
<b>National Diploma:</b> Units 2,4 & 6 + optional units	Internal (Coursework) – 54%
<b>Extended Certificate:</b> Units 2 + optional unit	Internal (Coursework) – 42%

## What career opportunities does this open up?

The BTEC in Applied Science is an excellent base for university studies in health care, such as biomedical science, pharmacy and pharmaceutical science\*, pharmacology, physiotherapy, audiology, nursing, radiography and optometry\*. (\*selected universities only)