



Getting Started with...

Applied Science

Welcome!

Developing your Core Skills:

Tasks to do before you start with us in September:

1. Follow the link to look at the BTEC Specification

<https://qualifications.pearson.com/content/dam/pdf/BTEC-Nationals/Applied-Science/2016/specification-and-sample-assessments/9781446>

You don't need to read it all of course, but page 12 gives you an overview of the course, and you might want to read a bit more detail on the pages that follow.

Unit 1 is the exam component.

Unit 2 is the coursework.

2. Build on your GCSE analysis skills:

Chemistry: Periodicity and the properties of elements

Biology: Structure and function of cells and tissues

Physics: Waves and communication

Useful revision on [BBC Bitesize](#)

Seneca Learning: Selected Sections:

Chemistry; AQA GCSE Higher section 1. Atomic Structure. 2. Chemical Bonding. 4. Chemical changes

Biology: AQA GCSE Higher Section: 1. Cell biology. 2. Organisation

Physics AQA GCSE Higher Section: 6. Waves

3. Prepare for the coursework

Research the following practical skills:

- ✓ Chromatography : Paper, TLC and GLC
- ✓ Standard Solutions
- ✓ pH titrations
- ✓ Colorimetry
- ✓ Calorimetry

Find out:

What are they?

What are they used for?

How are they done?

Really useful help on YouTube: BTEC Level 3 Applied Science:
There's lots of stuff there for both units!