



The Thomas Hardy School

Summer Preparation Task

Applied Science BTEC Extended Certificate
Edexcel 7405

Purpose of task:

In your Level 3 BTEC Extended Certificate qualification you will be expanding on knowledge learnt during your GCSE biology, chemistry and physics lessons. This task will ensure expected knowledge for the start of your BTEC qualification.

Task:

Complete posters or presentations of your choice on the following subjects:

1. Chemistry – bonding
2. Biology – specialist cells
3. Physics - waves

Recommended resources:

<http://www.bbc.co.uk/schools/gcsebitesize/chemistry/>

<http://www.s-cool.co.uk/gcse/chemistry>

GCSE revision books and chemistry class notes

Additional Information:

The way in which you present your work is down to you. This evidence can be in a number of forms, some examples include:

- PowerPoint presentations
- Posters
- Leaflets
- Models
- Photo diaries
- A recorded performed poem/song/rap/role play

Required Stationery and Equipment for BTEC Applied Science

Scientific calculator, long ruler, pens etc.

2 x files for organising notes and lined punched paper (we will provide class books for class notes)

Essential Resources

A textbook for the course will be available for purchase within the department (research still ongoing so no idea about cost).

Possible availability for support booklets to purchase throughout the year.

Access to the internet.

Things to Consider Throughout the Year

Summer task, progress test within a month of starting course, **internal assessments** which count towards unit 2 of the Certificate in BTEC Level 3 Applied Science, mock exams in May. **Exam in June**, which counts towards unit 1 of the Certificate in BTEC Level 3 Applied Science. Whilst the certificate is a stand-alone qualification, it is worth the equivalent of 1 AS. The A-level equivalent course extends over 2 years.

Deadline for Task: First lesson in week commencing 10th September 2018