BTEC Applied Science

Extended Certificate
Where does it lead??

- Forensic Scientist
- Pharmacist
- Nurse
- Research Scientist
- Environmental Scientist
- Engineer
- Physiotherapist
What is it?

- An alternative vocational A-level equivalent, which is equivalent to 1 A Level (360 GLH)
- It includes topics on all 3 areas of Science: Biology, Chemistry and Physics
- It is vocational – it links directly to the jobs that Scientists do e.g. in hospitals, labs etc
- It includes assignment work, controlled assessments and exams
BTEC Applied Science Extended Certificate

- Offers pupils modern, work-related qualifications opening the door to higher education and careers.
  - Clear purpose and support defined progression routes into higher education or employment.
  - Students build high level skills such as teamwork, creative thinking and presentation skills.
  - Develop independent research and study skills essential at university.
What qualifications/skills do I need?

- A - C grade in additional science
- Excellent work ethic
- Excellent organisational skills/ability to meet deadlines

Preferable....

- A - C grade in English
- A - C grade in Maths
How is the course structured?

- You will study for 4 units throughout the 2 years, and for each unit you will be awarded Pass, Merit or Distinction.
- For each unit you will collect points, these points will add up to decide your final grade.
- We can track your points to determine what grade you are likely to achieve.
Year 12 Units

0 Unit 1 – Principles and applications of Science
     (External exam sat in June 2018)

0 Unit 3 – Science Investigative Skills
     (External marked controlled assessment sat in April 2018)
Year 13 Units

- Unit 2 – Practical Scientific Procedures and Techniques
  (Internally marked assignments)

- Unit 8 – Physiology of Human body systems
  (Internally marked assignments)
How will I be assessed?

- Externally marked work will be exam based.
- You can collect points even if you do not pass the exam and you will not fail the BTEC even if you do fail the exam.
- If all internally marked work is at Distinction standard, you can achieve Merit, even if you score zero on the exams. So it is vital to score as highly on internally assessed work as possible.
How will I be assessed?

1. Each internally marked piece of work will be assignment based.
2. You will be taught a series of lessons which will give you all the information/skills needed to complete the assignments.
3. Then you will be given an assignment by your teacher, this must be your own work and your teacher cannot help you from this point. It must be handed in by the deadline unless there are exceptional circumstances.
4. Your assignment will be marked according to the assessment criteria and guidance from Edexcel, and you will be awarded Pass, Merit or Distinction.
Re-sits/Resubmissions

- All exams can be re-sat once, and the highest score will count.

- All assignment work can be resubmitted once to achieve a higher grade subject to certain conditions:
  - The work must have been handed in on time.
  - The work is not plagiarised.
  - You are able to complete the resubmission without the need for further support from your teacher.
  - You must complete the resubmission within 15 working days of it being returned to you.
Expectations for the course

- You are responsible for ensuring you have completed all the work set by your teacher, if you are unsure or struggling you need to inform your teacher.

- You are expected to complete 4 hours of homework for BTEC per week, that should be 1 hour per teacher, plus one extra hour where needed.
Grading

- Final grade reflects pupils achievements across ALL units in the BTEC course.

- Both internally and externally assessed units are individually graded as either Pass, Merit or Distinction and each final unit grade is allocated points.

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<th>Level</th>
<th>GLH</th>
<th>GRADE</th>
<th>UNIT POINTS</th>
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<td>UNIT 2</td>
<td>90</td>
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<tr>
<td>TOTALS</td>
<td>180</td>
<td>D*</td>
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What is it worth? Is it a ‘proper’ A-level?

- You get graded as Pass, Merit or Distinction
- **ALL** universities and employers recognise this qualification
- But, can be easier to achieve higher marks on this as YOU are in control and can improve your grade throughout
- 80% of students nationally achieve Merit and above

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<th>Level</th>
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Who do I see for more information?

- Ms Dhillon in the Science office