

BTEC Applied Science Year 12 Curriculum Map



Unit One Year 12 (out of 24 marks)

Topic: Principles and Applications of Science I

Key Learning:

Cells and tissues
Bonding and Quantitative chemistry
Waves

Assessment:

January External Exams, resits in June
3 x 40 min exams (BIOLOGY, CHEMISTRY and PHYSICS)

Marked as Near Pass, Pass, Merit or Distinction

Unit Two Year 12 (out of 24 marks)

Topic: Practical Scientific Procedures and Techniques

Key Learning:

Titration and Colourimetry
Chromatography
Cooling Curves
Self Evaluation

Assessment: 4 Pieces of Coursework

Marked as Near Pass, Pass, Merit or Distinction

BTEC Applied Science Year 13 Curriculum Map



Unit Three Year 13 (out of 32 marks)

Topic: Principles and Applications of Science I

Key Learning:

Cells and tissues
Bonding and Quantitative chemistry
Waves

Assessment:

January External Exams, resits in June
3 x 40 min exams (BIOLOGY, CHEMISTRY and PHYSICS)

Marked as Near Pass, Pass, Merit or Distinction

Unit Eight Year 13 (out of 16 marks)

Topic: Practical Scientific Procedures and Techniques

Key Learning:

Titration and Colourimetry
Chromatography
Cooling Curves
Self Evaluation

Assessment: 4 Pieces of Coursework

Marked as Near Pass, Pass, Merit or Distinction

Final Award

36 points out of 96 points equals a PASS overall grade
(equivalent to an E grade at A level)

52 points out of 96 points equals a MERIT overall grade
(equivalent to an C grade at A level)

74 Points out of 96 points equals a DISTINCTION overall
grade (equivalent to an A grade at A level)

90 points out of 96 points equals a DISTINCTION STAR
grade (equivalent to an E grade at A* level)