



BTEC Level 3 Applied Science Curriculum Road Map Year 12 Extended Certificate (Single) 2023-2024

Year
13



May/June:
Retakes

May
Assignment 2A & 2D: A: Undertake titration and colorimetry to determine the concentration of solutions; D: Review personal development of scientific skills for laboratory work.

April
Assignment 2B: Undertake calorimetry to study cooling curves.

January:
Unit 1 Exams
Start
coursework
units: 2

March
Assignment 2C: Undertake chromatographic techniques to identify components in mixtures.

Formative
assessments:
Unit 1

December
Unit 1 PPEs

Week 5
Induction
Assessment

Start exam Unit 1:

A Periodicity and properties of elements: A1 Structure and bonding in applications in science; A2 Production and uses of substances in relation to properties;
B Structure and functions of cells and tissues: B1 Cell structure and function; B2 Cell specialisation; B3 Tissue structure and function
C Waves in communication: C1 Working with waves; C2 Waves in communication; C3 Use of electromagnetic waves in communication

September
Start exam unit 1
Coursework units: 2

Year
12

