

Introduction

The specification for Chemistry in a “normal” year comprises of 5 units which together count towards the overall award of the Chemistry GCE (A Level). Units 1 and 2 should be assessed at the end of year 12 and Units 3, 4 and 5 are assessed at the end of year 13.

Unit 1: The language of chemistry, structure of matter and simple reactions – This is a written examination of 1 hour 30 minutes.

Unit 2: Energy, rate and chemistry of carbon compounds - this is a written examination of 1 hour 30 minutes.

Unit 3: Physical and inorganic chemistry – This is a written examination of 2 hours 15 minutes.

Unit 4: Organic chemistry and analysis - this is a written examination of 2 hours

Unit 5: Practical examination – This comprises of two parts; an experimental task and a practical analysis task

When the 2020 examinations were cancelled, the requirement to sit units 1 and 2 were removed and all the student’s grading would be determined by their Year 13 performance.

In June 2020 WJEC announced amendments to the course due to the Covid-19 pandemic. The amendments included the removal of the requirement for students to undertake the specified practicals, however, they should still have knowledge of these practicals. Additionally, the practical task of the Unit 5 examination was also removed. The final amendment was to remove the synoptic elements in Year 13 so students would not be examined on Year 12 knowledge that is not relied upon to access the A2 course. This was to be reflected in the examinations.

Sources of evidence for Centre Determined Grades in Chemistry

Assessment point 1 = Past paper exam questions on topics 4.2- 4.4 (aromaticity, alcohols and phenols, aldehydes and ketones). Completed the week beginning the 2nd of **November** under **high control**.

Assessment point 2 = Not completed due to 6th form group isolation and lockdown period.

Assessment point 3. This assessment used past paper questions on topics 3.6 and 3.7 (enthalpy changes and entropy). This was timed and completed at home under **low control** on the 3rd **February**.

Assessment point 4 = A data analysis practical paper, supplied by the WJEC. Completed under **high control** on the 24th **March**.

Assessment point 5 = Standardised assessment materials provided by WJEC to assess all the covered content in unit 3. This assessment was completed over 2 lessons under **high control** on 04th **May**.

Assessment point 6 = Standardised assessment materials provided by WJEC to assess all covered content in unit 4. This assessment was completed over 2 lessons under **high control** on the 28th **May**.

Class work = A range of knowledge and skills are demonstrated by students in lessons Chemistry through their performance in low stakes summative assessment which includes recall tests, assessed homework, verbal answers to question, small tasks carried out that are not necessarily graded or levelled, longer independent learning tasks and other low stakes tests such as use of online resources. Student's practical skills have been monitored by teachers during the limited opportunities the students have had to do practical work this year.