



Edgbarrow School
Year 13
Chemistry A-Level



Curriculum Intent

A-Level Chemistry will enable our students to develop:

- Essential knowledge of different areas of the subject and how they are linked
- Competence in a variety of practical, mathematical and problem-solving skills
- A deep understanding of scientific methods
- Interest in and enthusiasm for the subject
- An understanding of how society makes decisions about scientific issues

○ What am I studying this year and how and when will I be assessed?

Knowledge & Skills	Term	Assessment	Homework
The chemical industry (CI): Nitrogen chemistry reactions kinetics equilibria. Polymers and life (PL): biochemistry. NMR spectroscopy. The Oceans (O1-5): energetics and acid-base equilibria, energy and matter. Developing metals (DM1-3): transition metal chemistry & redox titrations.	Autumn	November Assessment covering all content completed in Y12 and Y13 to date End of Topic Tests	One hour of independent study per hour lesson. This can be set lesson by lesson or in a small block over more than one lesson (within reason).
Developing metals (DM4-6): electrochemical cells, complexes & ligands. Colour by design (CD1-11): carbonyl and arene reactions. Colour and dyes.	Spring	February Assessments End of Topic Tests	
Revision and consolidation Exam technique/skills development	Summer	External A-Level exams	

Internal exams

November 2023: 2h 15min written OCR-style paper, covering all content completed in Y12 and Y13 to date.

Feb 2024: 2h 15min written OCR-style paper, with content covering all topics completed in Y12 and Y13.

External exams

June 2024: A-Level OCR B Chemistry Paper 1 (2h 15min written paper), Paper 2 (2h 15min written paper) and Paper 3 (1h 30min written paper).

Practical Endorsement. This consists of a number of practical assessments that will take place throughout the year, and be assessed against specific practical criteria.

You can use your exercise books, Kerboodle & revision guides to revise.

<https://www.kerboodle.com/app> (institution code: dl3) A-Level Chemistry for OCR B textbook

Marking for Literacy

(Longer answers and written work will be marked for at least one of the below. Your teachers will tell you which.)

Sp – Spelling mistake of key term

// - Needed new paragraph

C – Capital letter missing

P – Punctuation needed

Expr – Expression

Students will demonstrate pride in their work by:

- Presenting information clearly and neatly to aid learning
- Using a title and date for all work including homework
- Underlining all dates and titles using a ruler
- Writing in blue or black pen
- Completing drawings and diagrams in pencil
- Glue in sheets flat and in order
- Annotating work and making corrections in coloured pens
- Crossing out mistakes neatly with a line
- Highlighting key words and concepts