



Edgbarrow School  
Year 12  
**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
<b>Elements of life (EL1-9):</b> atomic structure, quantitative and inorganic chemistry. <b>Developing fuels (DF1-11):</b> energetics, organic functional groups & reactions.	Autumn	Baseline Assessment with content including topics covered up to the exam (Elements of Life and Developing Fuels). 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).
<b>Elements of the sea (ES1-7):</b> redox reactions, Periodic Table and equilibria. <b>The ozone story (OZ1-8):</b> intermolecular bonding, ozone reactions & mechanisms.	Spring	January Assessments End of Topic Tests	
<b>What's in a medicine (WM1-5):</b> organic synthesis and analytical techniques.	Summer	End of Topic Test July Assessment	

### Internal exams

**September 2023:** Autumn Baseline with content including topics covered up to the exam (Elements of Life and Developing Fuels).

**January 2024:** 2h written OCR-style paper, with content covering all of Elements of Life and Developing Fuels topics.

**June 2024:** 2h 15min written OCR-style paper, with content covering all of Elements of the Sea, The Ozone Story, and What's in a Medicine topics.

**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