



Edgbarrow School

Year 9

Science



Curriculum Intent

Our students will experience the nature of scientific processes through scientific enquiry and develop an understanding of the world we live in.

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

Knowledge & Skills	Term	Assessment	Homework
A rotation of projects (below) and Revision of all KS3 material. SCIENCE: Practical skills; Celebrating All Scientists BIOCHEMISTRY: Forensics BIOLOGY: Microbes PHYSICS: Energy <i>*order of delivery may vary by group</i>	Autumn	KS4 Baseline October 2023	Minimum of one piece per fortnight per class. 20 – 30 minutes maximum per task.
Start of KS4 BIOLOGY: Cell structure, Enzymes (Chapters B1a (B1.1 – B1.5), B3a (B3.4 – B3.7)) CHEMISTRY: Atomic Structure, The Periodic Table (Chapters C1, C2) PHYSICS: Conservation and Dissipation of Energy (Chapter P1) <i>*order of delivery may vary by group</i>	Spring	End of chapter test at the end of each topic	
BIOLOGY: Digestive system, Respiration (Chapters B3b (B3.1-3.3), B9) PHYSICS: Energy Transfer by Heating (Chapters P2) <i>*order of delivery may vary by group</i>	Summer	End of year assessment on B1a, B3a, C1, C2, P1	

Year 9 Assessments will be held throughout the year.

KS4 baseline exam: late Oct 2023

Revise biology, chemistry & physics-
all content - from KS3 Activate 1 & 2
completed in Year 7 and 8

Internal GCSE standard exam June 2024

2 x written exams:
Revise biology (B1a, B3a, B9)
Revise chemistry (C1, C2)
Revise physics (P1)

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

<https://www.kerboodle.com/app> (institution code: dl3) AQA Activate 1 blue and AQA Activate 2 purple textbooks for KS4 Baseline exam, AQA GCSE Sciences Combined Trilogy textbooks for June exam.

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