



Edgbarrow School
Year 8
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
Biology Big Idea: Genes (part 1, Ch 10) Physics Big Idea: Forces (part 2, Ch 1) Chemistry Big Idea: Earth (part 2, Ch 7) Physics Big Idea: Waves (part 1, Ch 4) <i>*order of delivery may vary by group</i>	Autumn	Block assessment of topics Genes pt1 and Forces pt1; Earth pt2 and Waves pt1 during Autumn term	Minimum of one piece per fortnight per class. 20 – 30 minutes maximum per task.
Biology Big Idea: Organisms (part 2, Ch 8) Physics Big Idea: Electromagnets (part 2, Ch 2) Chemistry Big Idea: Matter (part 2, Ch 5) Physics Big Idea: Waves (part 2, Ch 4) <i>*order of delivery may vary by group</i>	Spring	Block assessment of topics Organisms pt2 and Electromagnets pt2; Matter pt2 and Waves pt2 during early Spring term	
Biology Big Idea: Ecosystems (part 2, Ch 9) Chemistry Big Idea: Reactions (part 2, Ch 6) STEM activities Physics Big Idea: Energy (part 2, Ch 3) Biology Big Idea: Genes (part 2, Ch 10) <i>*order of delivery may vary by group</i>	Summer	Block assessment of topics Ecosystems pt2 and Reactions pt2; Energy pt2 and Genes pt2 during Summer term	

Year 8 assessments will be held throughout the year.

The end of Year 8 Assessment will be towards the end of May covering all topics completed this academic year.

You need to revise the following:

AQA Activate book 1 Biology chapter 10; Physics chapter 4 (as above: Autumn)

AQA Activate book 2 Biology chapters 8-10; Chemistry chapters 5-7; Physics chapter 1 – 4 (as above: Autumn, Spring and Summer)

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 textbook

<https://www.bbc.com/bitesize/subjects/zng4d2p>

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