

End of
KS5

8. Control of gene expression – mutation, epigenetics, genome projects & gene technology

3. Genetics, populations & ecosystems – inheritance, population growth, evolution & speciation, ecology

Year
13

Yr13 1. Energy transfers – respiration, photosynthesis, energy in ecosystems

2. Responding to change – stimuli, taxes & kinesis, nervous system, tropisms, the eye

Online learning
during KS5

1. [Tailored Tutors](#)
2. [Seneca Learning](#)
3. Biological Science Review articles
4. [Mr Pollock](#) (Youtube)
5. [Biology notes – Maths made easy](#)
6. [Physics & maths tutor resources](#)

PPE Preparation for KS5: Secure facts and key definitions using learning grids/knowledge mats, regular reference to resources on Google Drive, completion of exam questions (AO2/AO3), review required practicals and practise timed extended answers.

3. Exchange of substances – gas exchange, transport & digestion and absorption

4. Genetic variation & relationships – protein synthesis, classification, genetic diversity, natural selection

YEAR 13 →

Study skills for KS5: Invest in a textbook and scientific calculator, consolidate your notes after each lesson, follow the published weekly revision schedule, record practical work neatly in lab book, timed questions, use past papers and mark schemes.

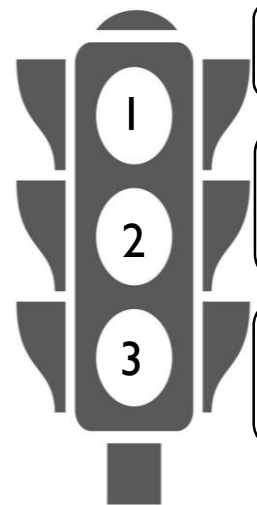
2. Cells – eukaryotes, prokaryotes, membranes, immune cells & cell division

Yr12 1. Biological molecules – carbohydrates, proteins, fats, nucleic acids, enzymes, water and ions

Year
12

Start of
KS5

Top 3 tips for parents and carers during KS5



1. Buy a textbook specific for AQA

2. Support with time management and revision planning

3. Visit the [Parent Hub](#) at Hodder education

Next steps in Science...

HE: Biomedical Science, Dentistry, Physiotherapy, Medicine, Marine Biology

Apprenticeship: Veterinary Nursing, Environmental Conservation

Career: Medicine, dentistry, biomedical science, Ecological conservation, Marine biology



KS5 Learning Journey for Biology