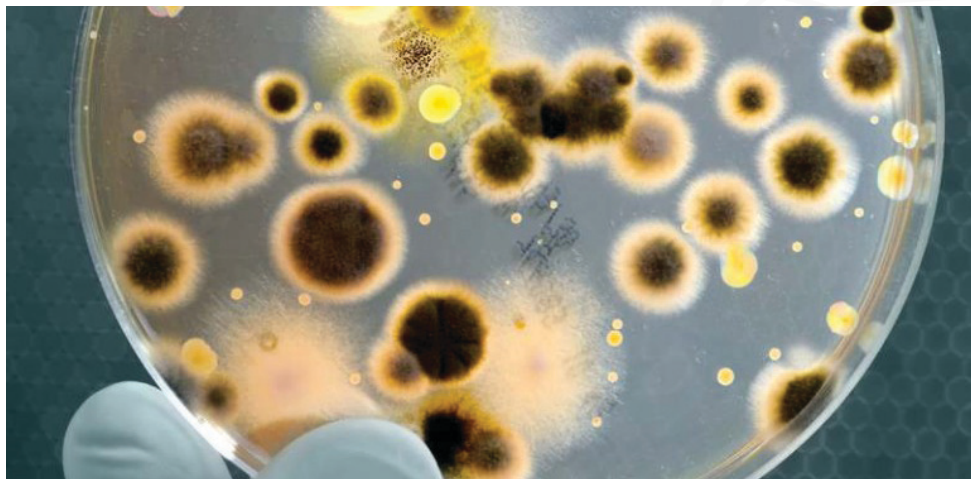




Gordon's
Sixth Form

Biology

A Level and AS Level



AS and first year of A level

Topic 1: Biological molecules.

Topic 2: Cells.

Topic 3: Organisms exchange substances with their environment.

Topic 4: Genetic information, variation and relationships between organisms.

AS Biology exams

Paper 1 is 90 minutes covering all topics studied at AS. It contains short answer questions and a comprehension question. Paper 1 is worth 50% of the AS.

Paper 2 is 90 minutes covering all topics studied at AS. It contains short answer questions and an extended response question. Paper 2 is worth 50% of the AS.

Students will complete practical work in their lessons that will be assessed in exams.

Second year of A Level

Topic 5: Energy transfers in and between organisms.

Topic 6: Organisms respond to changes in their internal and external environments.

Topic 7: Genetics, populations, evolution and ecosystems.

Topic 8: The control of gene expression.

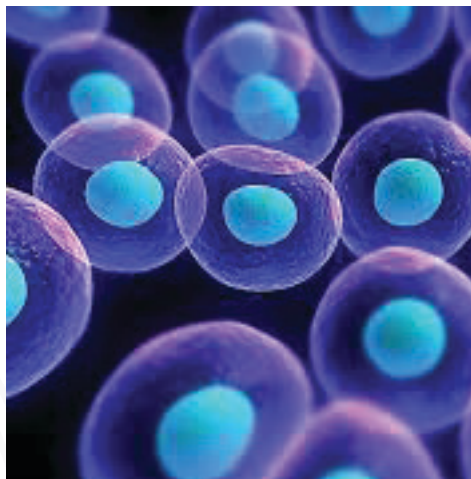
A-level Biology exams

Paper 1 is two hours covering topics 1-4. It consists of a mixture of short and long answer questions. Paper 1 is worth 35% of the A Level.

Paper 2 is two hours covering topics 5-8. It consists of a mixture of short and long answer questions. Paper 2 is worth 35% of the A Level.

Paper 3 is two hours covering topics 1-8. It consists of structured questions, critical data analysis and a 25 mark essay. Paper 3 is worth 30% of the A Level.

Students will complete practical work in their lessons that will be assessed in exams.



Results

A Level - A*/A	45%
A Level - A* - C	100%

ALPS 2 – student progress in the top 10% nationwide.

Why take Biology?

- Are designer babies a reality?
- What is Bluetongue virus and should we be worried?
- Why do we hiccup?
- Why do bruises change colour?
- Can transgenics solve world hunger?
- Why do I have my mother's eyes?
- Have humans stopped evolving?
- Are we destroying the planet?
- What is the problem for peacocks with extra-long feathers?

If you have ever considered any of these questions (or millions like them) Biology might be for you.

Transferable skills

- Practical scientific skills
- Analytical skills
- Problem-solving skills
- Accuracy and attention to detail
- Excellent communication skills
- IT/maths skills

Degrees

- Medicine
- Biomedical science
- Biochemistry
- Neuroscience
- Environmental science
- Sports Science
- Zoology
- Physiotherapy
- Midwifery

Careers

- Doctor
- Vet
- Dentist
- Teacher
- Marine biologist
- Pharmacologist
- Conservation officer
- Research scientist
- Zoologist

Famous Biologists

- David Attenborough
- Chris Packham
- Steve Backshall
- Richard Dawkins



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