



A-Level Biology (AQA)

Staff available to deliver this course are:

Miss Parker (Head of Science)

Miss Holmes

Mr McKelvie

Topics/Units studied:

- Biological Molecules
- Cells
- Organisms exchange substances within their environment
- Genetic information, variation and relationships between organisms
- Energy transfers in and between organisms (A-level only)
- Organisms respond to changes in their internal and external environments (A level only)
- Genetics, populations and ecosystems (A level only)
- The control of gene expression (A level only)

Key dates & deadlines:

Year	Deadline / Date	Unit assessed
12	May/ June (PPEs)	Paper 1
12	May/June (PPEs)	Paper 2
13	May / June	Paper 1
13	May/June	Paper 2
13	May/June	Paper 3

Career Pathways:

- Physiotherapy
- Environmental Scientist
- Occupational Health and Safety Specialist.
- Conservation Scientist.
- Medicine and healthcare
- Engineering - biochemical engineer
- Sports and fitness - nutritionist, personal trainer.
- Biological Technician or Research Assistant.

Success

A level Biology has a history of excellent grades at Holderness Academy and Sixth Form College and students achieved in the top 15% Nationally for their Biology grades in June 2018. This has led to all students securing a place at university to study a variety of degree programmes including medicine and biology.

Alumni (2019)

Ellie achieved a grade A and is studying Physics at the University of Hull

Matthew achieved a grade A and is studying dentistry at Leeds University

Megan achieved a grade A and is studying medicine at Hull University

Amy achieved a Grade B is studying at Hull University

Rosie achieved a Grade B is studying Molecular & Cellular Biology - University of Newcastle

Finn achieved a grade A and is at Hull University studying Biomedical engineering

Alumni (2018)

Olivia- achieved a grade A and is now studying Medicine at HYMS (York campus)

Hollie- achieved a grade B and is now studying Diagnostic Radiotherapy at the University of Leeds.

Abbie - Achieved a grade A and is now studying Medicine at the University of Liverpool.

Jess- Achieved a grade A and is now studying Physiotherapy at the University of Liverpool.

Elliott achieved a grade B and is now studying Biology at Hull University.

Progression

Students can progress to degree level courses in this subject or a huge range of related courses including medicine, dentistry, physiotherapy, ecology, zoology, conservation.

Trips

As part of the course for 2019-20 all students in year 13 will have the opportunity to visit Spurn Point as part of a field trip studying populations and ecosystems.

