

Biology

@ Hardenhuish 6th Form

The A-Level Biology Team



Requirements

- Must have:
- Grade 5 in core sciences
 - Excellent grade 2 in biology (if needed re-taking)
 - Grade 5 in mathematics or in grade 6 in statistics
 - Strong work ethic



How the course is structured and assessed?

AS	A2
Topic 1: DNA, the history of genetics & social & HIV	Unit 1
Topic 2: Cells & Energy, Immunity and Gene Mutation	Unit 2
Topic 3: Modern Genetics and practical applications in Genetic	Unit 3
Practicals: Practical 1 & 2 (AS)	Practical 3 (A2)

*Open questions



Why study Biology at A-Level?

- Fun
 - A fabulous subject
 - Lots of practical work
 - Field course
- Relevant
 - Based on real life situations
 - A subject that many can make natural connection with and links well with Chemistry, Geography etc
- University – well regarded
 - Seen as a challenging course
 - Carries high value with the university admissions bodies



How we teach Biology

Context based - Real life situations are used to bring out the science

Human Circulation	Heart structure
	The circulation
	Risk factors
	Lifestyle choices
	Carbohydrates
Treatments	



Why study biology at Hardenhuish?

- Enthusiastic and experienced staff
- Excellent facilities
 - Purpose built 6th form science facilities
 - Wide range of practical resources
- Results
 - Excellent results over many years
 - 100% pass rate
- Context based course
 - Which develops skills that are directly relevant for science at University



The A-Level Biology Team

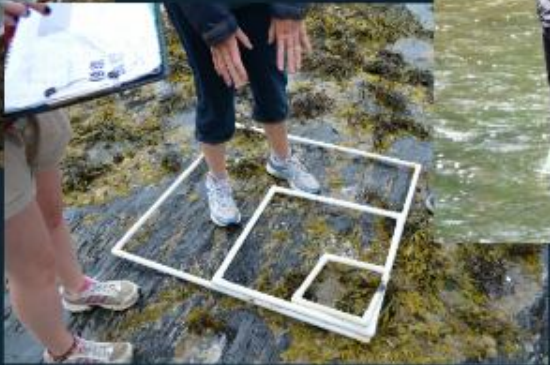


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**Heart
Disease**

Heart structure

The circulation

Risk factors

Lifestyle choices

Carbohydrates

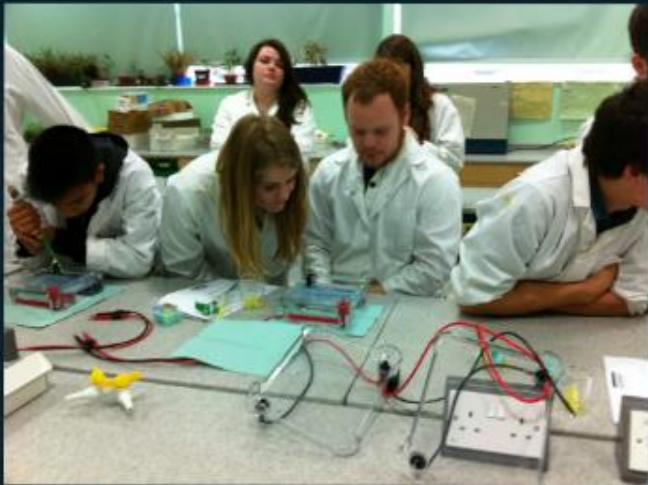
Treatments



How the course is structured and assessed?

A2		
Paper 1 exam: The Natural Environment & Species survival	June	
Paper 2 exam: Energy, Exercise and Coordination	June	
Paper 3 exam: General and practical applications in Biology	June	
**Science Practical endorsement	Pass/Fail	June

* Linear qualification





Requirements

Must have

- **Grade 6 in two sciences**
 - *Including grade 6 in biology if studied separately*
- **Grade 5 in mathematics or a grade B in statistics**
- **Strong work ethic**



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The A-Level Biology Team



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- Must have:
- Grade 5 in core sciences
 - Including grade 4 in biology (if needed separately)
 - Grade 5 in mathematics or in grade 6 in statistics
 - Strong work ethic



How the course is structured and assessed?

AS	A2
Topic 1: DNA, the genetic code, genetic inheritance & HIV	Unit 1
Topic 2: Cells, Energy, Biomolecules and Gene Action	Unit 2
Topic 3: Ecosystems and environmental applications in Ecology	Unit 3
Practicals: Practical exercises	Practicals

*Open questions



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