



# Biology



## Staff members

- **Ms Sausan Saleh**
- **Mrs Fran Vause**
- **Ms Sabrina Wickens**

# Saint Benedict Catholic Voluntary Academy-Sixth Form



## Y12 and Y13

### Module 1 – Practical skills

There are 12 assessed practicals that aim to develop the planning delivery and analysis of experiments. Across both years, you will be assessed against these criteria.

## Y12 content

### Autumn

- 2.1.1. Cell structure
- 2.1.2 Biological molecules
- 2.1.3 Nucleotides and nucleic acids
- 2.1.4 Enzymes
- 3.1.1 Exchange surfaces

### Spring

- 2.1.6 Cell division and diversity
- 3.1.2 Animal transport
- 3.1.3 Plant transport
- 4.1.1 Communicable diseases, disease prevention and the immune system

### Summer

- 4.2.1 Biodiversity
- 4.2.2 Classification and evolution
- 5.1.1 Communication and homeostasis
- 5.1.2 Excretion as an example of homeostatic control
- 5.2.1 Photosynthesis

## Y13 content

### Autumn

- 5.1.3 Neuronal communication
- 5.1.4 Hormonal communication
- 5.1.5 Plant and animal responses
- 5.2.2 Respiration
- 6.1.1 Cellular Control
- 6.2.1 Cloning and biotechnology

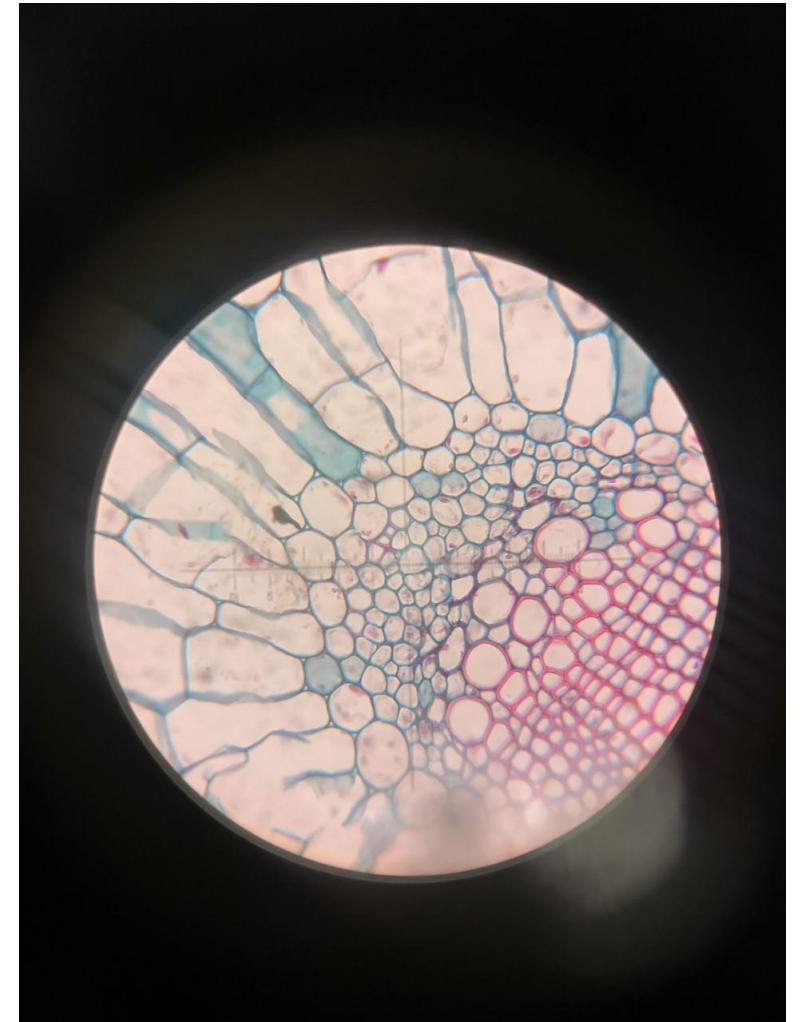
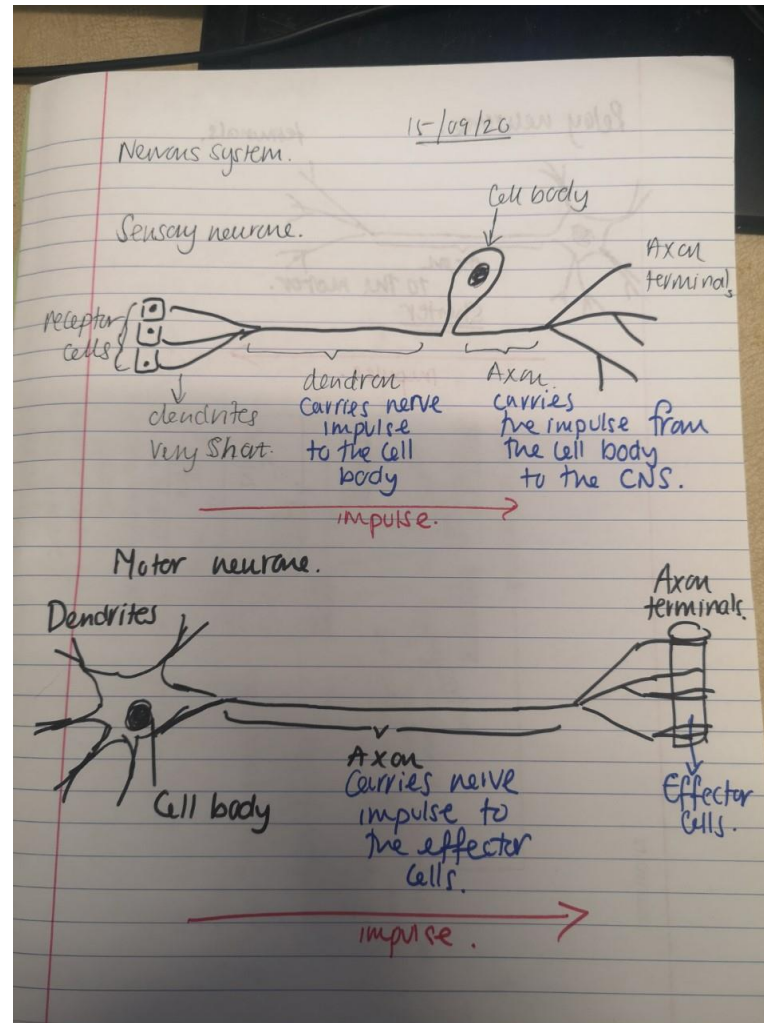
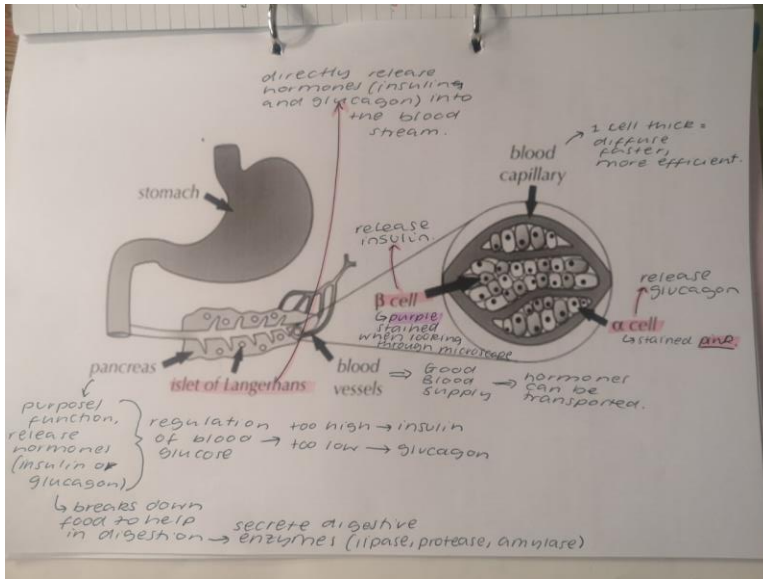
### Spring

- 6.1.2 Patterns of inheritance
- 6.1.3 Manipulating genomes
- 6.3.1 Ecosystems
- 6.3.2 Populations and sustainability

### Summer

- Externally sat exams

## Sample of student work.





## Exam board: OCR Biology A

Paper	Marks	Duration	Weighting (%)
1. Biological processes	100	2 hours and 15minutes	37
2. Biological diversity	100	2 hours and 15minutes	37
3. Unified biology	70	1 hour and 30 minutes	26
Practical endorsement			Reported separately



## Entry requirements

Biology (separate science)

Grade 6 or above

Combined science

Grade 6-6 or above

Maths

Grade 5 or above

English Language/Literature

Grade 5 or above

## A Career with an A-Level in Biology. What can it lead too?

Medicine, Biochemistry, Veterinary medicine, Nursing, Physiotherapy, Teaching, Bioinformatics, Medicine, Environmental science, Horticulture, Dentistry, Genetics, Pathology, Zoology, Pharmacy, Forensic science, Conservation, Biotechnology, Politics, Journalism, Pharmacology

.....And the list goes on



**Thank you for visiting our subject.  
If you have any questions, please contact**

**Ms Sausan Saleh  
[ssaleh@saintben.derby.sch.uk](mailto:ssaleh@saintben.derby.sch.uk)**