

What have our students studied?: Biological sciences, medicine, dentistry, optometry, biomedical sciences, neuroscience

# Biology at SCGSG

## OCR Biology A

## What will I study?

### Are you?

- Aiming to be a doctor, nurse or a vet?
- Thinking of a career in research?
- Interested in the environment and the world around you?
- A problem solver?
- Interested in science?
- Keen on practical work?
- Studying other sciences or maths?

If so, A level Biology is for you.



Year 12  
Cell  
projects



### Why here?

- Excellent support from 2 dedicated teachers teaching half of the course each.
- Fully resourced with support materials, extension articles and electronic resources from Kerboodle.
- Innovative teaching styles where creativity and thinking outside the box is encouraged.
- Creative projects, modelling of biological phenomena and focussed practical tasks.
- Stretch and challenge from the Biology Olympiad.
- Extracurricular opportunities via many talks and sessions at local universities.

- A range of biological practical skills.
- Cell ultrastructure and microscopy.
- Biological molecules.
- Biological membranes.
- Cell division, cell diversity and cellular organisation.
- Exchange and transport in animals and plants.
- Communicable diseases, their prevention and the immune system.
- Biodiversity, classification and evolution.
- Communication, homeostasis and excretion.
- Neuronal and hormonal communication.
- Plant and animal responses.
- Photosynthesis and Respiration.
- Cellular control and genetics.
- DNA technology and biotechnology.
- Ecosystems, populations and sustainability.

Year 13 Biology student: "A level biology is an introspective subject that involves interesting exploration into human anatomy, and gives the opportunity to learn about the way we function. It is a fascinating subject that I thoroughly enjoy studying. The teachers make the learning extremely interesting."