



A Level Biology



Ecology fieldwork



Testing whether or not animals "kiss."



Darwin day

Please note: This is one investigation you will **not** be doing in A Level Biology

Our new course Biology A consists of 6 modules:



Module 1 - Development of practical skills in biology

Skills of planning, implementing, analysis and evaluation

Examined: in written exams and pass/fail teacher assessed

Module 2 - Foundations in biology

Cell structure, Biological molecules, Nucleic acids, Enzymes, Biological membranes, Cell division, Cell diversity and cellular organisation

Module 3 - Exchange and transport

Exchange surfaces, Transport in animals, Transport in plants

Module 4 - Biodiversity, evolution and disease

Diseases, Prevention, Immune system, Biodiversity, Classification, Evolution

Module 5 - Communications, homeostasis and energy

Communication, Homeostasis, Excretion, nerves, Hormones, Photosynthesis, Respiration

Module 6 – Genetics, evolution and ecosystems

Cellular control, Inheritance, Biotechnology, Ecosystems, Populations and sustainability

Examined: 3 papers at end of course

Biological Processes 37%, Biological Diversity 37% Unified Biology 26%

AS Biology:

- The 1 year AS course has 2 papers testing content from modules 1-4

Progression onto A Level Biology will require at least 5 GCSEs at grade C or above and grades BB in Separate or Additional Science GCSEs, plus B in Maths GCSE and C in English GCSE. Please talk to the Head of Department if you are interested in this subject.