South Nottinghamshire Academy

# Biology

**Why Biology?**

Biology is the study of life. Every facet of this subject shows how complicated and awe-inspiring life truly is, whether it is the humble bacteria or a complicated ecosystem. This subject helps you to look at the wider world around you and uses other disciplines, such as Maths and Chemistry, to help explain how organisms are able to exist and what we can do to ensure that life continues.

**What can I expect?**

This general Biology course covers a wide range of topic areas which include anatomy, ecology, genetics and microbiology. It provides an excellent foundation of knowledge required to study any type of Biology at university and uses the ideas from GCSE to extend current understanding. A level Biology lessons are diverse in their delivery and combine the study of theory with practical laboratory work.

**How will I be assessed?**

The course is linear and involves a set number of required practical tasks which students will be expected to apply their knowledge and understanding from in their exams. Assessment is through three terminal examinations which are 2 hours 15 minutes long (for the first 2 papers) and 1 hour 30 minutes long (for the final paper)

**What do I need?**

Grade 6-6 in Combined Science or a grade 6 at Biology and a grade 6 in higher tier Mathematics. An enquiring mind, an interest in Science and strong problem solving, mathematical, communication and organisational skills are highly desirable.

**What about the future?**

Biology is an essential qualification for a large number of careers such as medicine, biochemistry, forensic science, agriculture or even viticulture. Biology can also open up prospects outside of the area of science as it is also useful to have for certain careers such as teaching, engineering or the emergency services. Potential employers value the skills that are developed during the study of this subject. It can be used as an entry qualification for a wider variety of courses at higher education and indicates that an individual has very strong academic ability.

**Please e-mail f.lambourne@snacademy.org.uk should you have any questions or queries.**