



## Introduction

Pupils follow topics 1 to 4 of Edexcel GCE (Salters Nuffield) in Biology in year 12. There are 8 periods of forty minutes per week of which two double lessons per week are usually devoted to practical work. Emphasis is placed on relevance of Biology to everyday life, and ethical issues in science. The impact of science on the fields of medicine and environment also feature prominently.

## Content

- Topic 1 - Lifestyle, Health and Risk
- Topic 2 - Genes and Health
- Topic 3 - The Voice of the Genome
- Topic 4 - Biodiversity and Natural Resources
- Topic 5 - Walk on the Wild Side (start this topic)

## Skills

- Knowledge and understanding
- Practical biological and investigative skills
- How Science works

## Homework

Students can expect to receive up to 4-5 hours of homework per week. This will be in the form of written assignments, practice questions, practical reports and ongoing revision and learning tasks.

## Assessment

There will be an assessment after each topic, and an end of year 12 mock exam that assesses all 4 topics. The grades in these five exams will form a basis of the predicted grade for the UCAS form (university application) in year 13.

## Digital usage in this subject

Digital usage at home- Students are given physical homework booklets to complete however the mark scheme to these booklets is found on google classroom which they should be using to correct their work. They also have to do something called 'retrieval roulette' which is a spreadsheet on numbers that randomly assort questions for them to answer- they should be using this each week to revise a section of the content. Students choose to either type or write their notes. Additional websites students can use include Khan Academy for videos and Physics and Maths tutor for additional past paper questions.

## Resources and Materials

Edexcel A Level Science Series: AS Biology Students Book (Ann Fullick).