

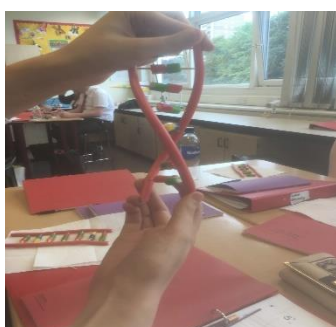


Pupils are interested in Biology as it answers questions about the human body, its complex make up and functions. This genuine interest in how the body works

means that pupils are automatically engaged and ask great questions. Pupils investigate concepts via experimentation, which overall leads to great attainment opportunities in the subject. The focus on general Biology also allows exploration of other avenues of life including plants and animals.

| National 3/4 | National 5 | Higher |
|---|--|--|
| Unit 1: Cell Biology Unit 2: Multicellular Organisms Unit 3: Life on Earth | Unit 1: Life on Earth Unit 2: Multicellular Organisms Unit 3: Life on Earth | Unit 1: DNA and Genome Unit 2: Metabolism and Survival Unit 3: Sustainability and Interdependence |
| 3 periods a week Homework issued on fortnightly basis End of Unit Assessments | 4 periods a week Homework exercise on weekly basis Mid Unit and End of Unit Assessments | 6 periods a week Homework exercise on weekly basis Mid Unit and End of Unit Assessments |
| Added Value Unit (AVU) researching a key area of Biology and producing a written report | Exam: 20 MCQ and 60 marks Short Answer Questions Assignment 20 Marks TOTAL = 100 Marks | Exam: 20 MCQ, 80 marks Short Answer Questions Assignment 20 Marks Total = 120 Marks |
| | | |

Biology is extremely content heavy so emphasis is on creating memorable learning experiences which pupils can rely on come exam time. Where applicable, experiments are used as the main teaching method and active learning is used to teach difficult concepts for which experiments are unavailable for. Biology lends itself to outdoor learning and this is taken further attending University labs, Science centre, Zoo Projects etc. Personalisation and choice is available for pupils during research projects and assignments, so pupils can explore topics of interest. Pupils also build on interdisciplinary skills such as literacy (report writing) and numeracy (problem solving)



The aim is to create a love for Biology which pupils carry with them through school and on to University, College or potential career opportunities.