

### **Departmental Overview**

Science is taught in three specialist Laboratories, which have interactive whiteboards. The department is fully resourced with textbooks and equipment for practical work for student use. Practical work is a focus for students in all year groups. Homework is set as per school policy. Some students are invited to participate in STEM learning days and medical events in conjunction with universities.

### **Departmental Staff**

Mrs Y Hagan	Head of Science
Mrs C Campbell	Part time Teacher (4days)
Mrs T Rourke-Jones	Part time Teacher (2 days)
Mrs B Greenway	Part time Science Technician (4 days)

## Year 7 Science

<b>Examination/Specification</b>
National Curriculum
<b>Curriculum Overview</b>
LC1 working Scientifically LC2 atoms, mixtures and compounds LC3 cells LC4 forces LC5 chemical reactions
<b>Examination/Key Assessments</b>
At the end of each learning cycle (6 weeks)
<b>Homework</b>
One per week
<b>How parents can help</b>
bbc bitesize

## Year 8 Science

<b>Examination/Specification</b>
National Curriculum
<b>Curriculum Overview</b>
LC1 photosynthesis and ecosystems LC2 energy LC3 periodic table LC4 acids and alkalis LC5 body systems
<b>Examination/Key Assessments</b>
At the end of each learning cycle (6 weeks)
<b>Homework</b>
One per week
<b>How parents can help</b>
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## Year 9 Science

<b>Examination/Specification</b>
National Curriculum/AQA
<b>Curriculum Overview</b>
LC1 materials LC2 waves and electricity LC3 health and disease LC4 GCSE – Chapter 1 LC5 GCSE – Chapter 2
<b>Examination/Key Assessments</b>
At the end of each learning cycle (6 weeks)
<b>Homework</b>
One per week
<b>How parents can help</b>
bbc bitesize AQA website GCSE pod

## Year 10/11 Science

<b>Examination/Specification</b>
AQA Trilogy/ OCR gateway Science B (current year 11)
<b>Curriculum Overview</b>
All groups follow core units in year 10 studying chemistry, physics and biology and additional units in year 11 Single science students study extended units in physics, chemistry and biology (For in depth details see specification on the website)
<b>Examination/Key Assessments</b>
Assessment at end of each learning cycle and pre public examinations in year 11 December and April
<b>Homework</b>
Twice per week
<b>How parents can help</b>
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