



Upper Wharfedale School Science Department



At Upper Wharfedale School we view Science as a relevant and exciting part of our everyday lives. We aim to give all our students the best possible preparation and skills to allow them to adapt to all the challenges that a rapidly changing technological society can bring. We also hope to develop a lifelong love of science in all our students.

Our Science department consists of a team of 6 Science teachers who teach all sciences at KS3 and KS4. We are supported by a highly skilled technician and this helps us to deliver exciting and inspiring lessons to our students.

Staff

- Helen Mukherjee – Assistant head/ curriculum leader
- Vicky Hudson - Subject Leader Science
- Lynsay Mckay - Teacher of Science
- Keith Brown – Curriculum leader Maths / Teacher of Science
- Pam Merrell - Teacher of Maths and Science
- Frazer Hayton – Subject leader art / Teacher of Science
- Bill Lee - Science Technician

Courses

Key Stage 3

Years 7 & 8

All our students follow the OXbox Science Works scheme. This is an integrated program of study and aims to show the application of science in our day to day lives as well as giving all our students a thorough knowledge of key science ideas such as cells, interdependence, particles, forces and energy. We use a variety of assessment tools including end of topic tests, peer assessment, self-assessment and formative assessments, which allow our students to understand how they can progress through levels and set individual targets for improvement.

Year 9

During the Autumn term and the first part of the Spring term our students consolidate and explore in more depth, some of the key ideas from Year 7 and 8. They also have the opportunity to build up their science investigative skills.

After February half term, all our year 9 students start OCR 21st Century GCSE Science A.

Key Stage 4

Year10

All students follow OCR 21st Century GCSE Science A, OCR 21st Century Triple Science or Edexcel BTEC Applied Science

Year11

All students follow OCR 21st Century GCSE Additional Science , OCR 21st Century Triple Science or Edexcel BTEC Applied Science

Independent Learning resource

<http://www.sciencelab.org.uk/>

<http://www.bbc.co.uk/schools/gcsebitesize/science/>

<http://www.bbc.co.uk/schools/ks3bitesize/science/>

<http://www.s-cool.co.uk/gcse>

<http://www.docbrown.info/>

<http://www.darvill.clara.net/>

<http://www.my-gcsescience.com/>