

# Key Stage 3 Overview for Science

## Year 7

### Autumn Term - **Science and Me**

How does our body work? What are elements, compounds and mixtures? What are chemical reactions? Where are there chemicals in my home?

### Spring Term – **Earth and beyond**

What is the Earth made of? How do forces act on objects? How does global warming affect us?

### Summer Term - **CSI Newmarket**

What is forensic science used for? What techniques do forensic scientists use?

## Year 8

### Autumn Term - **Olympics**

How do we get our energy? What can we do to be fit and healthy? How powerful am I? Which materials are best for sports equipment?

### Spring Term - **Around the world**

Where do we get our food from? Where do we get our energy from? What causes disease? How can we prevent disease?

### Summer Term – **How our world works**

Biology, chemistry and physics modules to bridge the gap between KS3 and the GCSE course

## Skills Developed:

Using microscopes, handling scientific equipment safely, investigating scientific questions; testing hypotheses; scientific literacy, numeracy, team work, data presentation, data collection, data analysis, data presentation, method writing, conclusion writing and evaluating scientific technique.