

## **Year 11 Chemistry**

### **What will I learn?**

In the first module: **Quantitative Chemistry**, you will learn how to predict the amounts of substances involved in chemical reactions by learning how to perform calculations based on experimental data. Some topics that are covered are titrations, acids and bases, and equilibrium.

In the second module: **Chemistry Out There**, you will learn how chemical processes are important for understanding the world around us. Some specific topics that are covered are the ozone layer, food chemistry, and electrochemistry.

### **How will I be assessed?**

Throughout Year 11, you will complete a range of short assessments and homework tasks. These will take place in lesson time and will develop your ability to complete the controlled assessment and tackle the types of questions asked on your exam.

You will complete a mid-module assessment and an end-of-module assessment for both of the modules completed in Year 11. There will also be a 75 minute mock exam completed in the Autumn term.

You will complete a controlled assessment that makes up 25% of your final grade. This assessment is carried out in lesson time and requires you to plan an experiment and carry it out. You will then analyse your experimental results to write a conclusion.

At the end of Year 11, you will complete your GCSE exam papers. The first covers C123 and takes 75 minutes. The second covers C456 and section D and takes 85 minutes.

### **How will I be taught?**

GCSE Chemistry is taught alongside GCSE Physics and Biology. Students will undertake all three qualifications, achieving three GCSE certificates. Your Chemistry lessons will be a combination of teaching methods supplemented by practical activities that cover the requirements of the course while providing the context that allows students to see how the learning is important for understanding the world around them.