

Year 11 Additional Science

What will I learn?

In your Biology lessons you will cover two modules: **Living and Growing** and **It's a Green World**. In these topics you will learn how cells behave and divide, ecology and photosynthesis.

In your Chemistry lessons you will cover two topics: **Chemical Economics** and **The Periodic Table**. In these topics you will learn how to predict amounts in chemical reactions and about the patterns of the properties of matter.

In your Physics lessons you will cover two topics: **Electricity** and **Magnetism**. In these topics you will learn about the relationship between current, voltage and resistance and the link between magnetism and electricity.

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 B3C3P3 and takes 75 minutes. The second covers B4C4P4 and section D and takes 85 minutes.

How will I be taught?

GCSE Additional Science is a separate qualification to the GCSE Core Science completed in Year 10. This means that students undertaking this qualification will achieve two GCSE certificates. Your 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 you.