

Year 9 Separate Science

What will I learn?

In your Biology lessons you will cover three modules: **Cell Biology**, **Plant Cell** and **Animal Cell Organisation**. In these topics you will learn about the basic structure of plant and animal cells and how they work together to create tissues, organs and multicellular organisms.

In your Chemistry lessons you will cover two modules: **Atomic Structure and the Periodic Table** and **Bonding Structure and Properties of Matter**. In these topics you will learn how about the structure of atoms and how they bond and the structure of the periodic table and the bond patterns within.

In your Physics lessons you will cover two modules: **Particle Model of Matter** and **Forces**. In these topics you will learn how to calculate density and heat energy, and will explore the relationship between force and motion.

How will I be assessed?

Throughout Year 9, you will complete a range of short assessments and homework tasks. These will take place in lesson time and will develop your ability to tackle the types of questions asked on your exam.

You will complete a mid-module assessment and an end-of-module assessment for each of the modules completed in Year 9. There will also be a 75 minute mock exam completed in the Summer term.

How will I be taught?

GCSE Separate Science will lead to three separate GCSE qualifications. Your lessons will be a combination of teaching methods supplemented by practical activities that cover the requirements of the course. They will also provide you with the context that allows you to see how the learning is important for understanding the world around you.