

Year 11 Biology

What will I learn?

In the first module: **The Living Body**, you will learn how the processes in the human body are an essential for life. You will learn about the circulatory and respiratory systems, digestion and excretion. Some topics that are covered are the circulatory system, the respiratory system and digestion.

In the second module: **Beyond the Microscope**, you will learn life at small scale is important for biological processes. You will learn about the structure and function of microorganisms, their uses and the uses of enzymes in industry. Some specific topics that are covered bacteria, enzymes and genes.

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 and complete an experiment. You will then analyse your experimental results to write a conclusion and evaluation.

At the end of Year 11, you will complete your GCSE exam papers. The first covers B123 and takes 75 minutes. The second covers B456 and section D and takes 85 minutes.

How will I be taught?

GCSE Biology is taught alongside GCSE Physics and Chemistry. Students will undertake all three qualifications, achieving three GCSE certificates. Your Biology 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.