

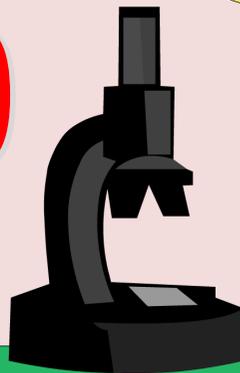


Overview: This is the last year of KS3 and is the bridge between KS3 and GCSE. You will be pushed to explain what you see in more detail than ever before.

So we are going to recap it all and make sure you really KNOW IT!. We will be using practical to embed the knowledge but also cover all the Application skills that you need to succeed at GCSE.

We link the KS3 knowledge with the GCSE topics this year. Are you ready to smash it?

Year 9 Science



Term 1:

In Biology you will be looking at cells and the reactions that take place in them along with the organisms' response to these reactions. Along with looking at organs within organisms so hearts and lungs and leaves and stems in plants.

In Chemistry you look at Atoms, and learn more about how we know what it looks like and the internal particles found. Allowing you to compare an atom from one element with another.

In Physics we focus on Energy and how it is transferred from one form to another either usefully or wastefully allowing us to calculate efficiency. =we also delve into electricity focusing on current, resistance and potential difference

Term 2:

In your second term;

Biology you will be looking at pathogens in detail and how the body's immune system responds to them along with homeostasis—how does the body maintain a constant and why is this so vital.

In Chemistry you look at Acids and Bases and their reactions

Physics looks at particles and density along with forces and their interactions

Term 3:

By your third and final term,

Biology looking to investigate inheritance and ecology practicals

In Chemistry you look at metal extraction and our effect on the planet

Physics looks at motion investigations and how waves behave and can be investigated