

What are we learning about?

This topic we are learning about how to think like a scientist. We need to know what equipment to use, how to use it safely, where it is, and how to use the data we get from experiments.



Why are we learning about it?

We need to use these skills in every area of science we study. From biology to astronomy, the equipment we use will change and the experiments will be different, but how we approach it is exactly the same.



What new KNOWLEDGE will I gain?

Names and uses of equipment, how and where it is stored, how to use it safely, emergency procedures, how to use maths to analyse results.

Thinking Like a Scientist: Learning Journey



How does this build on the SKILLS I already have?

You already use scientific thinking skills, often without realising. For example, if your phone stops working, you check different parts to see why. You will have done some simple scientific investigations in primary school



What new SKILLS will I develop?

We have all done science during our time in primary school. Now we are in a real science laboratory and can run our own investigations. You will be able to plan and carry out an investigation, interpret results, write conclusions and evaluate your data.



How does this build on the KNOWLEDGE I already have?

You will already know some equipment names and how to use it from primary school. You will know emergency procedures for different situations such as fire drills.