

What are we learning about?

In this topic we are going to look at cells – the building blocks of all living things. There are lots of different cells that help living things survive.



Why are we learning about it?

Without cells there is no life on earth or, probably, anywhere else in the universe. Without knowledge of cells you cannot learn anything else in biology.



What new KNOWLEDGE will I gain?

How cells are structured, how to use microscopes, knowledge of different cells in animals and plants and their functions and how substances move between cells.



Learning journey: Cells

How does this build on the SKILLS I already have?

This topic will give you the opportunity to practice and build on basic primary school level science, furthering your knowledge and practical skills in a specialist science laboratory.



What new SKILLS will I develop?

Measuring skills in practicals, how to finely adjust microscopes, drawing scientific diagrams to show complex ideas, how to analyse data and relate this to theories that you have learned.



How does this build on the KNOWLEDGE I already have?

In KS2 you might have learnt about the differences between living and non-living things. Now you will learn in more detail about how cells make sure that living things stay alive..