

Ashlawn Transition Year 6 to 7

Subject: Science

Why is it important to study?

Students who study sciences gain an appreciation for hard work, patience, humility, and an understanding of the sheer volume of time and effort required for most major scientific discoveries to become part of the scientific body of knowledge. This helps students to understand not only the scientific method, but the importance of asking good questions and of tackling challenging activities as they seek knowledge, understanding, and wisdom.

How many lessons will I have over two weeks?

6 lessons over two weeks

What will I be studying in Year 7?

Biology – Cells and microscopes, healthy living and reproduction in both plants and animals.

Chemistry – Separation techniques, fuels and practical experiments investigating rates of reactions.

Physics – An experimental approach to investigate speed, forces and space.

What subject specific skills will I be developing in Year 7?

Learning how to carry out scientific practicals, analysing results, drawing graphs, answering scientific questions and discussing issues surrounding science.

What am I expected to do before I come to Ashlawn to prepare for my studies in science?

Look up a famous scientist and put together a portfolio on what that scientist discovered.

Research safety rules in a science lab and create a safety poster for being in a science lab.

What else would you recommend to help my understanding of science?

Researching the key words in biology, chemistry and physics.