

Science

At Lynnfield we understand the importance of a high-quality science education to provide the foundation for understanding the world through the specific disciplines of biology, chemistry and physics. Science has changed our lives and is vital to the world's future prosperity, and our aim is to teach our pupils essential aspects of the knowledge, methods, processes and uses of science. Through building up a body of key foundational knowledge and concepts, our pupils will be encouraged to recognise the power of rational explanation and develop a sense of excitement and curiosity about natural phenomena. They will be encouraged to understand how science can be used to explain what is occurring, predict how things will behave, and analyse causes.

Using the national Curriculum and Chris Quigley Milestones 1, 2 and 3 we will ensure that our pupils:

- ☑ develop scientific knowledge and conceptual understanding through the specific disciplines of biology, chemistry and physics
- ☑ develop understanding of the nature, processes and methods of science through different types of science enquiries that help them to answer scientific questions about the world around them
- ☑ are equipped with the scientific knowledge required to understand the uses and implications of science, today and for the future.

Map of Curriculum Content

Year One	Plants, Animals including Humans, Everyday materials, Seasonal Changes and Working Scientifically
Year Two	Living things and their habitats, Plants, Animals including Humans, Uses of everyday materials and Working Scientifically
Year Three	Plants, Animals including Humans, Rocks, Light, Forces and Magnets and Working Scientifically
Year Four	Living things and their habitats, Animals including Humans, States of Matter, Sound, Electricity and Working Scientifically
Year Five	Living things and their habitats, Animals including Humans, Properties and change of materials, Earth and Space, Forces and Working Scientifically
Year Six	Living things and their habitats, Animals including Humans, Evolution and inheritance, Light , Electricity and Working Scientifically