



**Subject
Information
Year 3/4**



Science

Lower Key Stage 2

In Lower Key Stage 2, children study a broad range of topics including Plants, Animals including Humans, Rocks, Light, Forces and Magnets, Living Things and Their Habitats, States of Matter; Electricity and Sound. We also go beyond the National Curriculum to explore linked topics, building connections across science and other areas of learning.

Working scientifically is an integral part of the curriculum. Children develop key skills such as measuring accurately, using scientific equipment such as data loggers, and recording data effectively using tables, charts, and graphs. They engage in a variety of enquiry types including observing over time, pattern seeking, identifying and classifying, comparative and fair testing, and researching using secondary sources. These skills support their ability to investigate questions systematically and confidently.

At Kentmere, we provide a strong foundation for understanding the world through the three key scientific disciplines of biology, chemistry, and physics. We believe science changes lives and is vital for the future of the world.

Through building a solid base of key scientific concepts and knowledge, children are encouraged to appreciate the power of rational explanation and to develop excitement and curiosity about natural phenomena. They learn to understand how science explains what is happening, predicts future behaviours, and analyses causes.