



Lord Blyton Primary School- **Science**
Kapow Scheme Organisation



How is Kapow Primary's Science scheme organised?

This Long-term plan for Science provides an overview of how Science can be taught across the school year. This standard Long-term plan is a 36-week plan. This document is regularly updated to reflect updates to our website. The latest version can always be found [here](#).

Our scheme of work fulfils the statutory requirements outlined in the National curriculum (2014) and was designed with recommendations of the [Ofsted Research review series: science](#) and [Finding the optimum: the science subject report](#) in mind.

From the 2014 National curriculum, we have identified these strands which run throughout our scheme of work:

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



Through Kapow Primary's Science scheme, pupils will develop Scientific knowledge and understanding in seven key areas:

- Plants
- Animals including humans
- Living things and their habitats
- Materials
- Energy
- Forces, Earth and space
- Making connections

Working scientifically forms one of the strands in our curriculum, meaning that it is interwoven into each and every unit alongside scientific knowledge and understanding. We have created a Working scientifically – enquiry cycle which incorporates all the elements of working scientifically mentioned above in an easy-to-understand model that also helps pupils to understand the steps involved in a complete scientific enquiry