



Science

Subject Leader - Vicky Perry

Curriculum Structure

Science is structured on a 2-year rolling programme building knowledge and skills in each scientific area of study sequentially throughout school. We follow approaches to science which develop the children's ability to ask questions and pose hypotheses on Wonder Walls in each classroom. Children engage in all forms of science investigation:

- Observation over time.
- Comparative and fair testing.
- Identifying and classifying.
- Pattern seeking.
- Researching using secondary sources.

Teaching Methodology

We engage in practical exploration, investigation and draw conclusions about what we have found out. We place a high emphasis on investigative science learning, exploring practically and learning outdoors where appropriate. We focus on sticky learning by ensuring that children summarise what they have learned frequently to enable it to "stick" and be built on later. A wide range of practical apparatus and computer software is available to enhance learning.

Planning and Assessment

Teachers use a knowledge and skills progression to guide planning and to ensure that they build on prior learning. This includes clear endpoints which form the basis of assessment. Teaching, learning and assessment are monitored by the subject leader.