



Science at Furzeham Primary and Nursery school

Curriculum

Science is taught in units through a combination of whole class teaching, group and individual work. The skills of observation, discussion, debate and research are encouraged. In order to ensure the children receive a balanced science curriculum, it is essential that elements from each of the Attainment Targets be taught each year, with particular emphasis on Scientific Enquiry. During the Foundation Stage, children begin to explore the world around them, with specific science work covered through the early learning goal "Knowledge and Understanding of the World. Throughout our science teaching we hope that our children will develop a sense of awe and wonder about the world around them.

There are lots of opportunities to link Science with other subjects over the course of the year. Writing, in particular, is part of investigative work as it covers use of adjectives, tenses, sub headings and vocabulary. Sorting and classification link easily to Maths. History and Geography may deal with environmental issues which can also be the focus of a particular science concept.

Rationale

In Science, it is our aim to give children the opportunities to observe, record and draw conclusions from the world around them. We introduce the children to the basic elements of experiments and investigations, helping them become more inquisitive. Throughout their time at Furzeham the children develop their knowledge and understanding of important scientific ideas, processes and skills and relate these to everyday experiences.

Assessment in Science

Our assessment identifies each child's progress in each area of the Science Curriculum, determining what each child has learnt and what should be the next stage of his/her learning. It is carried out through a beginning knowledge harvest, small group discussions, usually in the context of a practical task or by using an end of term assessment, where possible from our scheme, to recognise progress made through the area. We are able to assess Working Scientifically by using the TAPS plans on the PSST website.

Key Lines of enquiry

Using outside sources for Scientific understanding (Secondary Schools)

Using Target Tracker to show coverage and identify any gaps