

Science at Westfield



Intent

At Westfield, we recognise that some parts of science and scientific thinking will be challenging for a child who has communication difficulties. However, we know that science and an enquiring mind are essential areas of learning and will be of use in many areas of a child's life in and out of school.

Our science curriculum is very closely linked to Enquiry which runs through all areas of learning at Westfield. In our science lessons, we encourage children to think scientifically using many of the enquiry skills that are embedded in all lessons and to ask their own questions. We make observations of things over time, seek patterns and classify in various ways.

There is a heavy focus on practical science which is hand-on and can, where possible, create or be related to the child's own experiences. It is our hope that science is not just a series of facts to be learnt but a way to understand the world and how it works.

Implementation

Our science curriculum covers these topics:

- Keeping Healthy
- Plants and animals
- Earth and beyond
- Materials
- Light
- Sound
- Electricity

In each Topic, the methods of enquiry are repetitive and consistent and can therefore be built on as the child progresses through the school.

Each lesson will have a practical aspect and is fun and engaging for the child. Independent thinking is actively encouraged and modelled by the staff. Links between science topics are drawn and referred to in other areas such as Forest School.

Impact

The impact of our practical approach to science will lead to each child having a better and deeper understanding of the world we live in and how things work. An enquiring mind can only add to and improve a child view of the world and understanding of their place in it.