



Farnham Primary School

Science



At Farnham it is our intention for all our pupils to learn more about the world they live in through enjoyable and interesting Science teaching- **Farnham Living Science**. Science is about the world around us and how it works and many of the skills that help children succeed in Science also help in everyday life. Our children 'see' Science all the time, from planting seeds in the garden to baking and playing with dinosaurs. We want our Science teaching to develop and encourage a curiosity in the living world.

In the 2sCan and Foundation stage we teach science through hands on, practical experiences, where children play and learn through exploring. Sand and water play can be found inside and outside.

Teaching becomes more formal in Key stage 1, but children regularly experiment and investigate to learn new concepts. All children learn about plants, materials, habitats and humans and animals. During Key Stage 1 they begin to develop scientific enquiry skills such as sorting, observation and reasoning about their research findings.

The themes taught in Key Stage 1 are further developed across Key Stage 2, and children begin to find out about healthy eating, forces and magnets, Earth and space, electricity and evolution. Scientific enquiry skills such as planning an investigation and making more detailed observations over time are now taught .

- Experience and research show that young children are **excited about science** when they are given the chance to "**do**" science.
- **Experiences** that require the use of children's **senses**, such as **planting and watching a seed germinate, cooking and making working machines** provide a strong framework for abstract thinking later in life.



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