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# Holbrook Primary School

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## Science Policy

*Holbrook aims to welcome everybody into our school. We will support all children and staff and provide challenging, fun and exciting learning activities. We will encourage everybody to learn, and learn from mistakes, to be independent and cooperative.*

### **Introduction**

This policy outlines the teaching, organisation and management of the Science taught and learnt at Holbrook Primary School. The National expectation is that all children will be working at level 4 by the end of Key Stage 2. Teaching and learning in Science has a high profile at Holbrook Primary School and, as such, receives significant curriculum time.

The implementation of this policy is the responsibility of all staff.

Our aim is to develop the following skills within science teaching;

- To ask questions about the world we live in
- To identify science in our everyday lives and express opinions about scientific or technological phenomena
- To look carefully at the world around us and use our senses to say what it is like
- To describe and explain ideas and listen to others
- To record findings in appropriate ways
- To use scientific vocabulary
- To make use of ICT, literacy and mathematics skills
- To show curiosity and imagination
- To work co-operatively

### **Principles of Practice**

- Science should be taught weekly wherever possible and as appropriate to the age and needs of the children. This may be as a discrete lesson or as an integrated element of the curriculum. All children will be provided with a wide variety of opportunities and contexts in which to develop their science skills.
- Science is taught using Tom Robson's Wiltshire Scheme of Work which focuses on the development of Sc1 skills.
- The scheme of work is organised into Foundation Stage, KS1 and KS2 with different activities identified for years 3 and 4 and years 5 and 6.
- Science lessons are planned so children can build on previous skills learnt, as well as developing new skills.

- A few science skills are chosen to focus on for each unit.
- Opportunities for children to apply their learning outside of the Science lesson are encouraged. Cross curricular links are made wherever possible and real life contexts are provided as appropriate.
- The specific vocabulary of Science is taught and modelled. Purposeful speaking and listening in science is encouraged.
- Assessing Pupil Progress in Science is ongoing through observations, notes and children's recordings. This is recorded on the tracker sheets three times a year.
- Knowledge and Understanding in the Foundation Stage is assessed mainly through observations. These observations then support the completion of the Foundation Stage profile.

### **Resources**

Science resources are stored in the resource room and updated on a regular basis. There are a wide array of resources to support all science units. The Library Resource Centre is used by individual teachers to supplement and enhance their science teaching and displays.

### **Health & Safety**

All teachers should be aware of potential hazards when using science equipment in the classroom and discuss these risks with the children.

When using hazardous materials and equipment in the classroom, teachers should refer to the A.S.E Primary Science Safety Document and the Wiltshire Health and Safety document to check up to date procedures. These documents can be found in the office.

### **Conclusion**

Through science lessons at Holbrook we hope children develop an enjoyment of science and become self-motivated and interested in learning about the world around them.