

The Science Curriculum at The Croft Primary School:

The Science Curriculum following the National Curriculum programmes of study during cross curricular Science and Topic lessons as well as in Science focussed lessons. We aim to provide:

- A high quality science education that provides the foundations for understanding the world through biology, chemistry and physics.
- Exciting lessons that provide the children with experiences of a variety of activities.
- Lessons and experiences that encourage the children to 'work scientifically'.
- A curriculum that both engages and challenges the children to understand how science can be used to explain what is occurring, predict how things will behave and analyse causes.
- Opportunities for our children to learn about people in history who have an impact on scientific understanding.
- Opportunities for our children to find out about careers and uses of science in the world.

Links to the wider community and Extra-curricular provision

- Many of the cross-curricular topic that are taught have a strong science theme and some of these are linked to learning in the school and local environment.
- Over the year each class experiences a trip to or an in-school event with a science theme. These include trips to Conkers, Ash End Farm, The Wolsley Wildlife Centre and visits from medical Marvels. The Planetarium, Critterish Allsorts and visits to the local allotments.
- Forest schools?
- The school welcomes parent volunteers to support in school with trips and in class activities.
- Science fayre?
- Hs2 gardening?

The Croft Primary School Intent, Implementation & Impact for Science



Outcomes

When the children leave The Croft Primary School we would like them to:

- Be curious about the world around them. Ask questions and seek answers.
- Aspire to investigate and discover science both in and out of school.
- Be able to use a wide scientific vocabulary and have a sound understanding of scientific concepts.
- Have an enjoyment and excitement about science and be keen to further their knowledge and understanding as they continue their learning journey.
- Have memories of lessons, activities and experiences that both excited them, challenged them and deepened their understanding.

Assessment

To support and lead teaching and learning at The Croft Primary School, the children undertake a variety of assessment activities. These include:

- Focused assessment tasks, which may be carried out at the beginning of a topic to assess the children's prior knowledge and inform teacher planning or towards the end of a topic to assess their understanding and depth of knowledge. These tasks take a variety of forms including practical investigations.
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Links to whole school improvement

The development of Science education at The Croft feeds into the SDP target of reviewing the wider curriculum to ensure that we provide a broad range of experiences for the children.

Each year the subject coordinator for Science will devise an action plan to ensure that a good quality teaching & learning is taking place and will review this during the year.

Over the year, the local schools' Science Co-ordinators meet to share good practise and share ideas to help develop the curriculum we offer our children.