

HOLLINS GRUNDY PRIMARY SCHOOL

Happiness, Health and Respect for Confident, Creative Learners

Science Policy.

Introduction.

Science in our school is about developing children's ideas and ways of working that enable them to make sense of the world in which they live through investigation, using and applying process skills and scientific enquiry.

Rationale

Science is a body of knowledge built up through experimental testing of ideas. Science is also methodology, a practical way of finding reliable answers to questions we may ask about the world around us.

Through science in our school we aim to:

- Encourage the development of positive attitudes to science.
- Deliver the new National Curriculum Science in ways that are imaginative, purposeful, well controlled and enjoyable
- Help in developing and extending the children's scientific concept of their world and encouraging them to ask deeper questions about the world around them.
- Deliver clear and accurate teacher explanations and skilful questioning. Providing guidance but at the same time allowing children the freedom to explore as independently as possible.
- Make strong, purposeful links between science and other subjects. Using ICT in a meaningful way to extend their learning.
- Develop the use of scientific language, recording and techniques.
- Enable children to become effective communicators of scientific ideas, facts and data whilst becoming experts at analysing the data they collect.
- Develop the following skills of investigation – observation, measuring, predicting, hypothesising, experimenting, communicating and interpreting.
- Enable the children to develop skills of scientific enquiry.

Scheme of work.

At Hollins Grundy we use the Focus Challenge Curriculum and an up to date scheme of work is available on our school website and on the server. The order of the topics has been reviewed July 2015.

Emphasis is placed on scientific enquiry.

The different types of enquiry being:

- observation/measurement over time.
- Pattern seeking
- Exploration leading to fair test/pattern seeking.
- Classification and identification.

Links to the Focus Curriculum topics and scientific enquiry have been made and the aim is to build up a bank of scientific enquiry activities/opportunities in the next academic year.