

St Hilda's CE Primary School

Science Policy



Rationale

Science teaches an understanding of natural phenomena. It aims to stimulate a child's curiosity in finding out why things happen in the way they do. It teaches problem solving, methods of enquiry and investigation to stimulate creative thought. Children learn to ask scientific questions and begin to appreciate the way in which science will affect the future on a personal, national, and global level.



Science Curriculum and the Oldham Pledge

Pledge 12: Contribute to environmental sustainability

Pledge 14: To use digital technology to enhance learning

Objectives

Through our teaching of science we aim to:

- Stimulate pupils interest and enjoyment in the area of science.
- Encourage pupils to ask and answer scientific questions;
- Plan and carry out scientific investigations, using equipment correctly;
- Develop through practical work the skills of observation, prediction, investigation, interpretation, communication, questioning and hypothesising
- Enable children to develop their skills of co-operation through working with others
- Know and understand the life processes of living things;
- Know and understand the physical processes of materials, electricity, light, sound, and natural forces;
- Know about the nature of the solar system, including the earth;
- Evaluate evidence, and present their conclusions clearly and accurately.
- Know and use the vocabulary of Science

Organisation of Science within the Curriculum

At St Hilda's, Science is taught through the IPC topic cycle and the topics have been carefully matched to the requirements of the National curriculum

Teaching & Learning

In line with the IPC curriculum, the scientific aspects of each IPC unit will be taught in blocks. This may involve educational visits, fieldwork as well as use of technology, and other scientific resources.

Resources

Science resources for investigation and exploration are found in the Science cupboard. These resources are in labelled boxes and trays.

Monitoring & Evaluation

The teaching and learning of Science will be monitored in line with the SDP priorities, through lesson observation, work scrutiny, staff and pupil questionnaires etc and outcomes will be reported back to the Curriculum and Standards Sub Committee of the Governing Body.

Assessment

Formative teacher assessment of Science will be undertaken and recorded in the pupils' assessment file. This will then be passed on to the next teacher

Assessment for Learning, recording and reporting

Throughout the school teachers will assess whether children are working at/above or below the expected level for their age based on their understanding and application of the content of the National Curriculum 2014. Progress and attainment is reported to parents through parents' evenings and end of year reports.