



Wombwell Park Street Primary School Science Policy Document

Aims and Objectives

To ensure that opportunities are planned to provide stimulating activities to promote scientific enquiry and the enjoyment of Science. To increase children's knowledge and understanding of Science and its applications within their daily lives. To increase children's curiosity, deepen thinking, develop enquiry skills and support them to ask questions and find answers.

Curriculum Organisation

The Science curriculum follows the National Curriculum and EYFS guidance. It is organised into units of work focussed around a key enquiry question from Year 1. The curriculum ensures all pupils have the scientific knowledge and conceptual understanding through the teaching of Biology, Chemistry and Physics, develop the understanding of nature, processes and methods of Science and makes sure children understand the uses and implications of Science. In KS1 Science is taught through observations of phenomena and in KS2 is built upon by noticing patterns, grouping and classifying, fair testing, concluding and writing about their experiences.

Equal Opportunities, Inclusion and Access

The Science curriculum is planned to be inclusive and to meet the needs and interests of all learners. Activities and resources will be differentiated, and adult support used to ensure that all children access the curriculum fully and make the best possible progress. There is a large focus on practical activities and children developing these practical key skills at their level.

Planning

Science is taught weekly for 2 hours and an annual Science Week enriches learning through focussed enquiry. Planning is based around a key enquiry question. Planning shows progression and development of knowledge, investigative skills and enquiry. There is a large focus on Scientific Enquiry, spoken language and the use of Key Science Vocabulary. This is taught from Nursery within provision areas and group work and built upon in Reception. In Year 1 upwards this is included in Science lessons.

Assessment and Target Setting

Summative assessments are completed at the end of each half term. Teachers modify planning and make continuous assessments of the children's progress. Children are given verbal feedback and written comments from their teacher. Children are expected to contribute to self assessments, to thinking of the next steps and lines of enquiry for investigation.

Recording and Reporting

At the end of the year parents are given a report for their child which includes a progress report, targets and if they are emerging, expected or exceeding based on age related expectations. Feedback is also given to parents about their child's progress during the autumn and spring term parents' evenings. Early Years children are given a statement of emerging, expected or exceeding for the development of their skills in Understanding of the World. This is shared in their Profile report at the end of Reception.

Safeguarding, Health and Safety

We ensure that full risk assessments are carried out prior to educational visits and scientific activities where a risk to health, safety and wellbeing is identified.