



SCIENCE POLICY

December 2022

Intent

At Outwood Primary School, the children will have an interest in the world around them and a responsibility for the world around them. Through building key knowledge and skills, the children develop scientific thinking and enquiry and the ability to explain understanding. Our aim is to help pupils to gain a coherent knowledge and understanding of Science and the world around them, in line with the national curriculum 2014 and 'Development Matters in the EYFS' guidance.

Implementation

At Outwood Primary, we use our Science progression knowledge and skills documents to create long term curriculum maps that make meaningful links to other subjects in order to deepen learning and understanding. From these maps, teachers create medium term plans with a clear sequence of lessons that leads to a final piece. For example, end of theme concepts maps, presentations, drama, information leaflets, posters etc. Individual lessons will have clear learning intentions based on knowledge and underpinned with skills. Lessons are sequenced that lead to a composite piece. Lessons will incorporate key questions, differentiation, specific vocabulary and expected outcomes. All children's needs and learning styles are considered in lessons. The children complete work in a STEM book. The subject leader will monitor plans, books and lessons termly.

Impact

Each teacher has an assessment folder used to assess the acquisition of the Science knowledge and skills. The children know which of the 5 scientific enquires are being approached in each lesson. This is monitored by the science subject leader.

Monitoring and review

It is the responsibility of the subject leader to monitor the standards of children's work and the quality of teaching in science. The subject leader is also responsible for supporting colleagues in their teaching, for being informed about current developments in the subject, and for providing a strategic lead and direction for science in the school. The subject leader has an action plan that gives the Head teacher clear information on the progress of science in school.

Revise Summer 2023