

Science

Intent

At Compton and Up Marden we strive for our science curriculum to be knowledge and enquiry based. We want children to have knowledge of key scientific concepts (as set out in the NC) which enable them to make sense and explore both the natural and man-made world around them with confidence. We also endeavour for our learners to develop scientific skills which enable them to investigate and follow key lines of enquiry into scientific concepts. We aim to develop the natural curiosity within our learners, encourage respect for living organisms and the physical environment and provide opportunities for critical evaluation of evidence.

Implementation

We have a clear and comprehensive science curriculum which is in line with the National Curriculum. Teaching and learning has a clear progression of knowledge which builds upon itself. Children learn through exploring first hand the scientific concept they're learning about in a practical hands on way. They will also access video, pictures, books and the internet to further their scientific learning. Where applicable, educational visits will enrich science learning. The outside area is used to enhance the curriculum. Each class has 2 half terms of work focussed on outdoor learning with a designated teacher.

Impact

Children will achieve at least age related expectations by the end of each academic year. They will retain knowledge which they can use to make sense of the world and to build further knowledge. Children will be able to question ideas and be able to investigate and experiment. They will draw conclusions from what they have found out and explain the process they have taken to arrive at their conclusion. They will be able to reason scientifically.