



Science at Farnworth CE Primary School

Here at Farnworth, a carefully planned science curriculum ensures that children cover the three aims of the National Curriculum- knowledge and understanding; working scientifically and the application of science. We provide this in an accessible, creative and engaging way. The curriculum follows the year by year progression of knowledge and skills set out in the National Curriculum. We offer a science curriculum that evokes curiosity, excitement and understanding about the world around them through the disciplines of biology, chemistry and physics. Scientific vocabulary is embedded within our lessons. Each child develops scientific terminology which they are encouraged to use during investigations and in their written work. We believe that children learn science by doing, so provide the children with a range of opportunities to actively carry out different types of scientific enquiries and apply knowledge which is taught. Throughout our curriculum, we ensure children learn about famous scientists and their theories. We aim for all our children to be life- long learners who are: inquisitive, independent thinkers, confident to ask questions and who are well prepared for their future in the ever changing world.

As part of a science hub in Halton, we work with the charity The Ogden Trust to develop the science curriculum and look at investigative enquiries. Science leads attend training days and disseminate to school staff. Activities are then embedded within our science scheme. Once a year, we have a science week, where the whole school works off timetable and participates in practical aspects of the subject. This enables children to immerse themselves in investigations. To further embed scientific enquiry, in Y1 and Y4 the children take part in an annual CREST Award scheme, which helps them to develop their skills solving real life problems in context. During the year, we encourage visitors into school to raise the profile and engage the learners further. We have external links with science institutions and industry, which shows the children opportunities for future employment.

