



# Science Planning and Assessment Statement

As a core subject, science is taught weekly. Assessment of science takes place termly and is tracked in children's books.

We aim for children to be inspired by science, to ask questions and to wonder about the world around them. Children are encouraged to design their own investigations and consider predictions and conclusions. There is never an incorrect outcome in a science investigation. You can always learn something.

Science is planned from the standards set by the National Curriculum. This is covered by all year groups and serves as the basis for other science opportunities. We work closely with the STEM group who regularly hold workshops in school, allowing children to develop known knowledge and explore new ideas and opportunities.

Science week is held annually and will often involve some of these workshops. There is also a science gadget stall to allow children to take investigations home. We enjoy taking part in country wide initiatives such as the BBC's Terrific Scientific investigations and The Big Pedal. Teachers try to do as much science outdoors as possible and Years 1 and 2 take part in Forest Schools, learning to appreciate and explore our local area. We have taken part in whole school initiatives such as tree planting and recycling, allowing children to play an active role in the world into which they will grow and develop. The Eco council support these programmes.

Science lessons are differentiated to ensure that all children can access, learn and achieve. The quality of work expected in a written science investigation is the same as in an English lesson. Computing and data loggers are used to help record results and maths skills ensure analysis of results is accurate.

A science book scrutiny takes place annually to ensure that objectives are covered and standards are maintained and improved. Subjects are generally covered more than once throughout the children's time in school to ensure greater depth of learning.

Aspects of science are also available to children in after school gardening and wildlife clubs.

I attend the annual science conference to explore new ways of teaching, find exciting resources and share ideas with other Science leaders. I have also worked with local secondary schools to develop my own skills and knowledge.