



St Martin's School

Headteacher: Mrs K. Bartlett

Chair of Governors: Mrs L Chorley

Science Intent Statement

Our vision at St Martin's is for children to feel happy and safe, and become lifelong learners, who know they can make God's world a better place.

At St Martin's, within science we aim to develop curious children who notice things around them and seek to understand why things happen and explain the world around them. From Year R to Year 6, we aim to build on and develop children's often-extensive prior knowledge of a range of scientific concepts. This includes animals including humans, plants, chemical processes and physical processes, through a mix of knowledge-based learning and investigative sessions. By the end of Year 6, we want children to be confident in noticing scientific phenomena around them, asking questions, predicting what might happen and testing out their ideas. We aim for children to be confident in designing fair tests, identifying the independent variable, dependent variable and control variables, in collecting, presenting and interpreting data and in drawing conclusions based on what they observe. Above all, we aim to develop children who are curious about the world around them and seek to explore, understand and explain things they observe.

At St Martin's, we aim to link science to our school values:

Respect – we aim to teach children to respect the wonder of the world around them.

Friendship – we aim to encourage children to work together to investigate different scientific concepts and answer questions about the world around them.

Courage – we aim to encourage children to show courage when predicting what might happen during experiments and to be brave enough to have a go, and not worry about being wrong.

Creativity – we aim to develop in children a sense of fascination and awe at the natural world and to teach them to think creatively when exploring, testing out and exploring and discussing scientific phenomena.