At Bramley Sunnyside Infant School our vision is to provide all children with a high-quality science curriculum which enables them to explore, discover and to deepen their understanding of the world we live in. We want our children to develop a sense of excitement and curiosity about natural phenomena, and to look more closely at the natural and humanly constructed world around them. We know that young children are naturally curious and passionate about the world around them so we want to nurture inquisitive minds to go from wondering 'what if? to let's find out.'

We aim to develop in our children a sound understanding of key blocks of scientific knowledge and methods, processes and uses of science to enable them to progress to the next stage.

We follow the statutory EYFS framework and National Curriculum programmes of study and have planned a sequential and progressive Science curriculum. Learning starts in Foundation stage where children begin to make sense of and increase their knowledge of the world around them, through studying animals, plants, people, and materials. They begin to use simple scientific language to talk about what they have observed and to communicate their ideas in a variety of ways.
In Key stage one, children study blocks of knowledge and concepts through the specific disciplines of biology, chemistry and physics. Science is taught weekly and lessons are based on scientific enquiry questions. Children have opportunities across the blocks to undertake scientific enquiry through making observations over time, identifying classifying and grouping, carrying out simple tests, collecting and recording simple data and researching using secondary sources.

Throughout school a high proportion of our learning in science is implemented through the use of first-hand practical experiences both in the classroom and through exploration in the outdoors. We exploit the school grounds in many ways e.g. when identifying plants, trees and a variety of everyday materials, when observing seasonal changes and weather and when studying and building microhabitats. Learning about animals is further enhanced through Educational visits to the Yorkshire Wildlife park, White Post Farm and 'The Deep' in Hull and through inviting visitors and scientists into school. We want our children to understand how science has changed our lives and is vital to our world's success, so we celebrate scientists as part of British Science week.

Science Day

We are very excited when we hold a science day. We get dressed up as a scientist and even the teachers get dressed up too. We do hands on experiments, explore, investigate and we are given many scientific challenges.