



## Barncroft Primary School Science Vision

At Barncroft Primary School we believe that science inspires children, encouraging them to be inquisitive about the world, nurtures their innate curiosity and enables them to develop a range of skills that are useful across their learning. By the end of their primary education our pupils should be equipped to make informed decisions about new technologies, their health and the scientific opportunities around them.

Our science curriculum offers a broad range of experiences designed to provide pupils with a progression of scientific understanding, skills and knowledge. Importance is placed on first hand experiences with an expectation that teachers will access the wide range of resources available as well as regular use of habitats across the school grounds and local areas.

Understanding of key ideas in science is built on across the key stages and a progression of skills allows pupils to move from early observations and exploration, to considered questioning and drawing out of ideas.

Strategies to allow pupils to show their deeper understanding of key scientific ideas include;

Mind maps

Annotated drawings

Planning their own investigations

Investigations where the answer is not already known

Conclusions and the development of further questions

Long term studies using the school grounds.