

During great science lessons we are:



S speaking using scientific vocabulary

C curious (asking questions)

I investigating

E experimenting, exploring, exciting and engaging

Learning New things

T team work

I interested

S smart

T talented

S safe



At Barnes Infant Academy our vision is to give children a Science curriculum which enables them to explore and discover the world around them confidently and enthusiastically. To achieve this it involves exciting, practical hands on experiences that encourage curiosity, exploring and questioning.

Our aim is that these stimulating and challenging experiences help children secure and extend their scientific knowledge and vocabulary.

Children will be given opportunities to ask their own questions and follow their own lines of enquiry.

We believe that these opportunities will ensure that our children are confident, independent, life-long learners who will explore the world around them,

Principles of Science Teaching at Barnes Infant Academy

Children are

- excited, enthused, interested and actively engaged.
- experimenting, exploring and investigating.
- taking part in practical experiences.
- independent investigators and are following their own lines of enquiry and answering their own questions.
- aware of what they are doing and why
- asking questions, making predictions and reflecting.
- are working as a team discussing what they are exploring using specific scientific vocabulary.

Teachers are

- enthusiastic and confident
- developing curiosity and challenging children
- modelling
- questioning using open ended-questions
- providing opportunities for children to use the five types of scientific enquiry
- exploring, problem solving and investigating alongside children
- reflecting and evaluating
- making real life links
- risk takers

