



Shardlow Primary School



Science Vision



Part of Willows Academy Trust

Aspire, Achieve, Thrive

Science Vision

At Shardlow Primary School, our vision is to provide a science curriculum which enables pupils to explore and discover the world around them, so that they have a deeper understanding of the world we live in. We do this through exciting, practical, hands on experiences, which encourage curiosity and foster learning.

Through the teaching of science, we incorporate the five areas from our whole school vision: ***motivation, open-mindedness, independence, confidence and respect and responsibility.***

Young children are naturally curious and passionate about learning. At Shardlow, we provide a stimulating EYFS curriculum that nurtures children's natural curiosity and their on-going knowledge and understanding of the world around them. Through hands-on, enquiry-based activities, children will experience the joy of learning 'how' and 'why'. We seek to promote this ***open-mindedness*** and further develop their enquiring minds, so they eventually become ***independent*** learners.

We believe in equality of access, and endeavour to unlock pupils' potential for future life choices. STEM is integral to our delivery of the curriculum and is interwoven with our topics. Real-life examples are a fundamental part of our approach and members of the community are regularly invited in to share their experience and expertise. Workshops often have a STEM focus and give pupils the opportunity to explore science in a cross-curricular manner. We encourage pupils to be ***confident*** to ask questions and not to be afraid of getting it wrong, but instead viewing it as an opportunity to learn.

At Shardlow, we have a whole school ethos of ***respecting*** both the immediate and wider environment and community. We encourage the children to be ***responsible*** and recognise how lucky we are to have our school grounds to be used as a resource. Through growing our own produce in the school garden and then using these in our weekly cooking sessions, children also learn about personal health and safety.

By providing these opportunities, we ensure that our children are ***motivated***, confident, life-long learners who will continue to explore the world around them, way beyond their time at primary school.