



*Science and Engineering are rapidly growing and important industries in the modern world. Even if children do not become scientists or engineers they will grow up in a world that requires scientific literacy and critical thinking skills. Science is all around us and helps children to make sense of the world.*

*At Woodlands Infant and Nursery School we recognise the importance of Science and strive to maintain a high profile for the subject within our school. Our desire to enthuse and inspire children to develop a lifelong love of science is reflected in our curriculum and learning environments.*

*A scientist predicts, observes, questions, , experiments, records data, and then analyses that data. All children can be scientists by following their own natural curiosity and at Woodlands Infant and Nursery School teachers help to facilitate these skills in order for children to flourish. We recognise that science is full of awe and wonder. We aim to push boundaries and nurture thinking minds, where discovery is a joy. Children are given an evidence based understanding of the world around them.*

Woodlands Infant and Nursery School aspires to provide excellent opportunities for science so that children can:

- Make meaningful links between classroom learning and the real world in order to develop their understanding of Science
- Develop scientific vocabulary and critical thinking skills by designing and carrying out their own investigations
- Make excellent progress
- Nurture their curiosity by asking 'big' questions in turn developing wonderment and a sense of excitement about science

In order for the above principles to be achieved, we will:

- Provide frequent, high quality real life experiences related to science
- Provide teachers with opportunities to further develop their subject knowledge
- Provide opportunities for children to ask their own questions, experiment and plan their own investigations, giving them the support they need to be able to develop scientific enquiry skills
- Build up and develop Science resources across the school, to facilitate high quality teaching and learning.