

Science

At Willow Grove School we encourage our children to ask questions about their time and experiences in school and out of school. Our Science curriculum provides opportunities for children to develop a sense of awe and wonder and also develop a healthy curiosity in children about the world around them. Whilst at Willow Grove children will develop scientific knowledge which will be consolidated and built upon as they progress through school. Through practical scientific enquiry, our children's scientific skills will be developed to enable them to answer their own questions with increasing independence. Our children are encouraged to use scientific vocabulary to equip them to question, predict, explain and evaluate their world around them.

Intent

- To provide an engaging curriculum that is broad, balanced and progressive at the children's ability.
- To provide the children with the knowledge and vocabulary needed to be confident scientists.
- To provide opportunities for focused practical scientific enquiry and skills to be taught and practised.
- To develop a natural curiosity about the world that we live in.
- To offer our children new and exciting opportunities and experiences.
- To promote our school values and British Values.
- To prepare our children for the next steps in their learning.

Areas for skills development

Plants
Animals including humans
Living things and their habitats
Every day materials / Uses of everyday materials / Properties and changes of materials
Rocks
States of matter
Earth & Space
Light
Sound
Seasonal changes
Forces / forces & Magnets
Electricity
Evolution & Inheritance