

Our STAR Curriculum for Science

Our Intent for Science

At Cavendish Close Infant and Nursery School, our children will develop as **Scientists** through a range of learning experiences that are **underpinned by our key intentions for learning in Science.**

Our intention is for our children to explore, discover and learn through daily opportunities to:

- 1 Develop the foundations for **understanding the world** through the wonder of Science.
- 2 Develop a sense of excitement and curiosity about **natural phenomena**.
- 3 **Work Scientifically** using our Learning Values. This includes:
 - Sensory exploration
 - Identifying and classifying
 - Predicting, testing, and talking about findings
 - Gathering and recording data
 - Comparing
- 4 Build **Scientific knowledge** as set out in our Science Curriculum.
- 5 Use links with our local family community to develop our children's understanding of **real-world everyday Science** (Science capital).
- 6 Build **Scientific vocabulary**. This includes:
 - Asking and answering questions
 - Explaining
- 7 Learn through our **local environment** throughout the year, using the focus of our school grounds to support this.
- 8 Learn mostly through **first-hand experiences** with some use of secondary sources.
- 9 Master our 10 **Learning Values** (see below).
- 10 Use our **enabling environment** for enquiry-based learning. This includes:
 - Early Years 'Exploration Stations' and Key Stage 1 'Investigation Stations' in classrooms
 - Our outdoor 'Willow Garden'
- 11 Enjoy **reading high quality books** to support learning in Science.

Our 10 Learning Values

Flexible Flo	We think of good ideas. We think of different ways to do things.	Curious Ash	We enjoy finding out and exploring. We ask clever questions.
Brave Astrid	We are confident to try new challenges. We learn from mistakes	Sparks the Cat	We ask for help when we need it. We are happy to teach our friends.
Determined Dexter	We always try our best. We are resilient, we keep on trying.		