

# 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

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