

## **Science: Statement of Intent**

It is our intent at Clapham Terrace Primary that all children become curious, investigative scientists. Through working collaboratively, as part of an Ogden cluster group, we have ensured our children progressively develop their scientific knowledge and skills throughout their time at Clapham Terrace and beyond.

From EYFS to Year 6, the children are encouraged to be inquisitive throughout their time at the school and beyond. Project and science focussed residential such as our annual science fair and Space Camp ensure that science learning at Clapham Terrace is taking place both inside and outside of the classroom environment. Our specially designed lab, The Mess, aids the curriculum to foster a healthy curiosity in our children about our universe and scientific learning.

We believe science encompasses the development of knowledge, concepts, skills and positive attitudes. Throughout their time at Clapham Terrace Primary School, the children will acquire and develop the key knowledge that has been identified within each unit and across each year group, as well as the application of scientific skills. We ensure that the Working Scientifically skills are built-on and developed throughout children's time at the school so that they can apply their knowledge of science when using equipment, conducting experiments, building arguments and explaining concepts confidently and continue to ask questions and be curious about their surroundings. Specialist vocabulary for topics is taught and built up, and effective questioning to communicate ideas is encouraged. Concepts taught are reinforced by focusing on the key features of scientific enquiry, so that pupils learn to use a variety of approaches to answer relevant scientific questions.

As well as going on science based trips and having in school workshops, we also make much use of our school grounds, in particular our 'Nature Area' and the local environment is used to support and enrich learning. It is our intention that all children develop a curiosity about the world they live in; we encourage children to research areas of interest and share their findings both in school and at home.