



### **What does Science look like at DCINS?**

At DCINS we prioritise opportunity for real life 'hands-on' experience which ignites children's natural curiosity. We strive to keep our Science curriculum as practical as possible with positive, memorable and out of the ordinary experiences. DCINS provides engaging and thought provoking lessons that often have cross-curricular links. It is important for our school that children are taught to use and understand appropriate Scientific vocabulary. Children are taught the skills to feel confident to make Scientific predictions, conduct experiments, observe, ask questions, notice patterns, group and classify, conduct comparative tests and conclude their learning. Our school teaches children to learn from things that haven't worked in the way they expected and to be resilient learners. Children are taught to think Scientifically, to be inquisitive and ask questions that further their learning. Whilst at our school children learn about animals, plants, materials, human health and diet, life cycles, habitats, seasons, earth, space and planets. DCINS is always seeking to produce a life-long love of Science and a desire to learn more. As a Christian school, it is important to us that children engage in discussions where religion and Science meet. It is important to our school that we allow children the chance to compare Scientific learning with their Christian beliefs. In line with our Christian values, it is a priority for our school to teach children to look after the world around them. Through Science we teach children to be mindful of their impact on the planet. Children learn to understand how materials can damage parts of the environment and cause problems for animals.

### **Why is Science important at DCINS?**

Science encourages children to be inquisitive about the world around them and enables them to develop a range of skills that can be applied across all areas of their learning. A secure understanding of Science is important as it enables someone to make informed decisions about their own health and understand the impact they can have on the environment. Science teaches children to recognise, respect and look after the plants and creatures they share the world with. Science is a core subject which nurtures children's natural curiosity

### **Examples of Science learning at DCINS:**



### **What do our children say about Science?**

"I like Science because sometimes it explodes and sometimes it's a rainbow." Year 1

"It is fun, we get to learn about experiments." - Polly, Year 1

"I like that we get to do fun stuff in Science and learn about new things like how trees grow." - Leonard, Year 2

"I like learning about Scientists like Charles Mackintosh." Henry, Year 2

"I like learning about animals and how they grow." - Eve, Year 2