

## **Curriculum Intent for Science at Grange Junior School**

### **Intent**

At Grange Junior School, Science lessons promote a lifelong love and respect for Science and an awareness of its value in everyday life. Not only do pupils deepen their scientific knowledge, they also develop scientific enquiry skills through practical tasks and investigations. Students are encouraged to take the initiative to follow their curiosity and develop their own creative responses as scientists, whilst respecting those of others.

### **Implementation**

As staff, we aim to help each individual to become a confident scientist and nurture a blossoming passion for Science with their own scientific preferences. We celebrate and nurture the scientific strengths of every pupil in a supportive environment where mutual respect in Science allows for curiosity and wonder to be a rewarding experience. We instil a critical understanding for investigating fairly and provide a wide range of resources and opportunities, promoting the use of inquisitive and productive discussion to enable pupils to lead the learning and to achieve the best they can. Science knowledge, skills and techniques are taught with links made to big projects in the context of the wider world and cultures. Pupils are challenged to use scientific vocabulary naturally when describing processes and challenging concepts. Busy Bee learning values form an integral part of all Science learning experiences and play an important role in supporting pupils' development within Science.

### **Impact**

Our engaging approach results in a fun, high-quality Science education, which provides children with the foundations and knowledge for understanding the world. We ensure that children learn through varied and first hand experiences of the world around them, leading them to understand that Science has changed our lives and that it is vital to the world's future prosperity. Children are beginning to develop a passion for Science and this is resulting in motivated learners with sound scientific understanding.