

## SCIENCE CURRICULUM

### STATEMENT OF INTENT

#### What progression is there?

Foundation Stage pupils investigate science as part of Understanding of the World. Children are encouraged to investigate through practical experience; teachers guide the children and plan opportunities that allow the children to experience and learn whilst experimenting for themselves. By careful planning, pupils' scientific skills and knowledge gained at Key Stage 1 will be consolidated and developed during Key Stage 2.

Pupils in Key Stage 1 will be introduced to science through focused observations and explorations of the world around them. These will be further developed through supportive investigations into more independent work at Key Stage 2. The knowledge and content prescribed in the National Curriculum will be introduced throughout both key stages in a progressive and coherent way

#### What skills are practiced?

Throughout the programmes of study, 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 (a half term each academic year is dedicated to SC1 in each year group) 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.

#### What do we aim to achieve?

We aim to develop pupils' enjoyment and interest in science and an appreciation of its contribution to all aspects of everyday life. We also aim to build on pupils' curiosity and sense of awe of the natural world and allow pupils to use a range of investigations and practical activities to give them a greater understanding of the concepts and knowledge of science. All pupils are encouraged to develop and use a range of skills including observations, planning and investigations, as well as being encouraged to question the world around them and become independent learners in exploring possible answers for their scientific based questions

**THREE PEAKS  
PRIMARY  
ACADEMY**

*Creative  
Education  
Trust*