

School Science Vision



- **E**xciting
- **P**uzzling
- **I**nspiring
- **C**hallenging

Science is **EPIC!**

Science Principles

Intent

Science in the classrooms is open ended and continues to **challenge** pupils to reflect on their learning and develop it. **Answers are not obvious** and when found only lead to more **questions**. Children relish the **challenge**. They know and use appropriate vocabulary related to the subject and are enthusiastic about learning new words and the meanings. Children are encouraged and **inspired** to **ask HOW? and WHY?** during Science lessons at **all** points of investigation. Children show **curiosity** and this is encouraged and developed. All children, including pupils with SEN, are encouraged to choose ways in which to represent their learning in their own way whether this is written, pictures, diagrams, photographs, tables, graphs or charts.

Implementation

Teachers are enthusiastic about teaching Science and the children recognise this. Lessons contain '**Wow** **moments**' which keep Science alive in conversation, even when the lesson is over. The children take pride in their work and this is reflected in what they produce and their systematic approach to their learning. Feedback from teachers, whether this is verbal or written, encourages children to progress their learning. Teachers use a variety of resources to enhance teaching and learning and pupils are able to use resources safely and independently.

Impact

Children are **excited** by the thought of, during and after Science lessons. Children are keen to share and develop their learning with parents in workshops and through homework. Children feel **inspired** by what they learn during Science lessons. They want to continue their learning themselves and act upon this **desire**. The progress that the children make reflects how hard they work in the subject. They can talk about how Science impacts on their own lives and the lives of others in everyday living and how it is integral in everything we do. They recognise how Science has changed and helped the world in so many ways but also recognise that used in the wrong way, it can be extremely dangerous.