

## Why Science is important...

- Develops understanding of the world around us
- Builds life skills
- Encourages questioning about how things happen
- Provides a sense of awe and wonder
- Allows opportunities for practical learning
- Increases future career paths

## What Science offers our children...

- Excitement in learning
- Investigative and questioning skills
- Deeper understanding of their world
- Teamwork and co-operation skills
- A different way of thinking
- New considerations for a career
- Learning in a practical way
- Freedom to investigate their ideas

## Essential Teaching Methods...

- Wonder Wall opportunities
- Practical demonstrations and investigations
- Experiment ideas generated by pupils
- Scaffolding ideas to further thinking
- Use of models to aid visual learning
- Links to real life
- Questioning thinking (by adults and pupils)
- Time to reflect and adapt ideas
- Researching the theory independently
- Assessing through practical learning

## Moving forward...

- Raise the profile of Science through quality teaching
- Clearer links to Science in the wider curriculum
- Develop outdoor learning across the school
- Maintain quality resources
- Build links with secondary school
- Engage parents through home projects

## Our Aims for Science...

- Develop pupils' enjoyment and interest in science
- Build on pupils' curiosity and sense of awe of the natural world
- Use a planned range of investigations and practical activities to give pupils a greater understanding
- Introduce pupils to the language and vocabulary of science
- Develop pupils' practical skills and ability to make accurate measurements
- Develop pupils' use of scientific software and apps