

Science

Strengths

Science is seen as an important subject in school. Children love Science and speak enthusiastically about it. Children are proud of their work. The staff and children work extremely hard and take on new ideas or updates well and want to challenge learning. We are part of the Ogden Trust and attend events throughout the year supporting the learning of science.

Areas for Improvement

Linking a scientist to every topic so our children have someone to aspire to.
For children to know and understand the working scientifically and areas of science symbols.

Evidence of Main actions: (10 max from the last 12 months)

Impact of Evidence:

Revised and updated science documents

Staff have up to date documents to help them plan and teach science.

Prepared for and took part in 'Deep Dive' in science with Moria Dales. (Deputy CEO)

Co-ordinator and staff have experienced 'Deep Dive' and is more confident for Ofsted.

Introduced working scientifically symbols to be used on planning and in books.

Staff are confident they are covering the range of different types of working scientifically and children are aware of working scientifically lessons and which of them they are doing.

Attended Lady of Lourdes Trust Steering Group Science meetings and Network meetings.

Informed staff at staff meetings about Network Meetings.

Attended Ogden Trust Meetings

Year 5 class did online 'Show and Tell' event. School entered Ogden Trust photograph competition.

Introduced changes in planning and retrieval slides at the start of every lesson. **(Delivered Science CPD)**

Teachers using retrieval slides at the start of every science lesson to help children learn and remember more and link their current and previous knowledge together.

Introduced symbols for different types of working scientifically investigations **(Delivered Science CPD)**

Children are starting to know what the symbol represent.

Introduced symbols for the three areas of science – Physics, Biology and Chemistry. **(Delivered Science CPD)**

Children in most year groups could identify the area of science they were learning in Pupil Voice Autumn Term

Observed the teaching of Science throughout the school.

Fed back to those teachers and worked with them to achieve the next steps.

Met with Science Subject Governor and explained where we were in science and all that we had done in the last year.

Science Governor up to date with changes and vision of science in our school.

What the school needs to do to move Science forward:

- To ensure all staff, including new staff and pupils understand the meaning of the working scientifically and areas of science symbols and can identify them.
- To ensure children learn about diverse and relevant scientist so they know they can aspire to be one.