

Science on a Page!

Intent

- To create well-rounded scientists.
- To provide opportunities for all children to have the scientific skills and knowledge to prepare them for their future.
- To allow students to become knowledgeable in key scientific thoughts and ideas.
- To give children the opportunity to discover an interest and curiosity in science.
- To encourage children to understand more about the history of science and the impact of scientists and their discoveries on our world.
- Provide an opportunity for children to complete practical activities.
- To build on and use key scientific vocabulary.
- To develop children's perseverance skills in order to take risks and develop their resilience.

Implementation

- High quality teaching.
- Science is taught across the year and follows a clearly sequenced and progressive programme of study.
- Children are given the opportunity to develop a range of science skills as displayed on skills sheet.
- Assessment is based on key milestones supported by Chris Quigley Essentials curriculum which ensures learning is well pitched and matched to individual needs.
- Use of cross curricular links, where possible, to enhance knowledge of science.
- Building cultural capital of all individuals through visitors and the opportunity to explore the local, national and global environment.
- Scientific resources to enthuse pupils in science lessons.
- Scientific vocabulary is embedded in lessons and available on topic walls.

Impact

- Children recognise the importance of science in their everyday lives.
- Children gain an understanding of the history of scientific discoveries and significant scientists, and how they have made an impact on our world.
- The majority of children can talk with confidence about science using the correct terminology.
- Children are able to apply their scientific knowledge to other areas of the curriculum.
- Children can use a range of scientific resources with increasing confidence.
- Children are secure in the skills needed to be a scientist.
- Children are prepared for the next stage in their learning.
- Most children reach age-related expectations by the end of the academic year.