



Science Intent, Implementation and Impact



Curriculum Intent

- ❖ To Provide a high quality science education embedded with meaningful, memorable learning experiences
- ❖ Prepare our children for life in an increasingly scientific and technological world today and in the future.
- ❖ Promote a love of science and inspire them to consider a future career in science.
- ❖ Increase pupil's scientific knowledge
- ❖ Develop pupil's working scientifically skills
- ❖ Increase pupil's science capital and link with careers.
- ❖ Enable pupils to build on and link prior learning with new learning

Implementation

- ❖ Well planned science teaching embedded with meaningful, memorable, practical learning experiences
- ❖ Provide opportunities for pupils to develop and build on their scientific knowledge while increasing their working scientifically skills.
- ❖ Weekly 2 hour science lessons
- ❖ Link prior learning with new learning
- ❖ Extra curricular events such as science fayres, Space Camps, University visits
- ❖ Regular science visitors and trips
- ❖ Differentiated lessons and recording strategies to ensure all pupil needs are met and that writing is not a barrier to science learning.

Impact - Our pupils will have:

- ❖ A wider variety of skills linked to both scientific knowledge and understanding, and scientific enquiry/investigative skills.
- ❖ Meaningful, memorable learning experiences that will last a lifetime
- ❖ An understanding of their local area, science related industry and careers.
- ❖ Experience of meeting and working with scientists from universities and local industry
- ❖ Experience of working with children from other schools in our local area
- ❖ A richer vocabulary which will enable to articulate their understanding of taught concepts.
- ❖ High aspirations, which will see them through to further study, work and a successful adult life.