



## Science Intent, Implementation and Impact statement

It is our aim at Holmesdale Infant School to develop every child's natural curiosity into the scientific world that surrounds us everyday. We want to embed the why? And the what if.....

**We aim to ensure that every child;**

### Intent

- has opportunities to explore the natural world through observing, exploring and investigating.
- be equipped with the scientific knowledge required to understand the uses and implications of Science, today and for the future.
- Develop essential scientific enquiry skills to broaden and deepen their scientific knowledge.
- Access to a range of high quality resources and science facilities through our school garden, forest school and pond areas.
- Is in line with the expectations in the National Curriculum 2014.
- Opportunities for ALL learners. Children will have access to the full Science curriculum regardless of gender, age, ability, disability, ethnic origin, faith, culture, social circumstances and sexual orientation.

### Implementation

- Provide well-resourced lessons. Resources of a high quality, which support and enrich, exploration and investigation.
- Teach lessons that show progression of skills, giving opportunities for children to build and deepen existing skills and create and support new skills.
- Introduce, share and expose the children to a wide range of scientific vocabulary so they can use it to describe ideas,



objects and phenomena.

- Science to support each and every child.

### Impact

- An understanding that mistakes may be made but with perseverance and determination, answers can be re- thought and evaluated.
- Experimenting and developing knowledge of Scientific vocabulary is taught through a topic based approach.
- Progression of skills and knowledge is being embedded and built upon in each year group
- Have developed the ' I think.... And have become confident in their independent ideas and views.
- Respect of equipment and each other is evident and praised.
- As a result of the provision above, children will: - Feel safe, secure and cared for - Show confidence and resilience in the classroom - Demonstrate high levels of engagement in activities - Make progress from their starting points - Develop independence and skills to support them throughout life - Work collaboratively with their peers on a shared task
- Children with SEND develop skills and knowledge across the curriculum to prepare them for the next stage of their education and, in the long view, prepare them for making a positive contribution to their community.