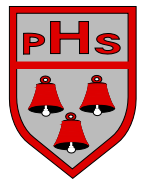


# Heighington CE Primary School

*'Life in all its fullness' (John 10:10)*



***As a village school, we acknowledge our role in our community. Our curriculum is constantly evolving, responding to the needs of our learners and their interests by enhancing learning experiences and raising awareness from our local area to national and global arenas.***

## **Intent**

Our aim is for all children to develop a curiosity and understanding about the world around them while developing the scientific skills needed to answer the questions that they raise. We want children to recognise the uses and implications of Science both in the world today and for the future. We endeavour to create an environment where children are aware of the diversity amongst those in the field of science and how they have shaped the world we live in.

At Heighington CE Primary School we follow the 2014 National Curriculum for Science which aims to ensure that all children:

- develop scientific knowledge and conceptual understanding through the specific disciplines of biology, chemistry and physics
- develop understanding of the nature, processes and methods of science through different types of science enquiries that help them to answer scientific questions about the world around them
- are equipped with the scientific knowledge required to understand the uses and implications of science, today and for the future

## **Implementation**

We want our children to be inquisitive, courageous, creative and resilient learners. In Science, we aim to achieve this by building on scientific skills and knowledge as the children move through school, revisiting and developing topics from EYFS, through KS1 to KS2. Scientific enquiry skills are embedded in each of these topics, ensuring that the children learn to use a variety of approaches to answer their questions. Relevant specialist vocabulary is used and effective questioning encourages children to extend their curiosity beyond the classroom.

- Lessons are planned in sequence to ensure that links are created between previous and future learning.
- As a core subject Science is taught weekly.
- Quality online resources are used to support and enhance learning.

- References to present and past scientists are made during relevant topics.
- Opportunities are taken to enhance learning through visits and guests.
- Assessment is used to ensure understanding and to plan further learning.

## **Impact**

As a result, children continue to show a curiosity about the world around them as well as a desire to seek answers. We have a community of conscientious young people who are aware of their impact on the environment. They are proud of the creative ways that they can demonstrate their scientific knowledge. They leave us with the skills to progress through the next stage of their learning and an awareness of where these skills can take them in adulthood.