



WHATFIELD CEVC PRIMARY SCHOOL

SCIENCE – VISION AND PRINCIPLES



OUR SCHOOL VISION: ACHIEVING OUR BEST TOGETHER



OUR SCIENCE VISION: THE FIRST STEP TO DISCOVERY IS TO ASK QUESTIONS

Our Vision:

Our scientists of the future are:

- Inquisitive about the world they are growing up in and ask questions to make sense of it.
- Inspired to explore through investigation and scientific enquiry.
- Challenged and excited by new concepts.
- Learning to work like scientists!

Our principles:

- To provide activities that engage, explore and extend children's existing knowledge at the beginning of a new topic.
- To teach substantive knowledge (sticky) and disciplinary knowledge (Working Scientifically) side by side.
- To widen the use of scientific vocabulary through explicit teaching.
- To make connections with prior learning.
- To use scientific misconceptions as a springboard for learning.
- To celebrate our children's love of science and their successes.



In our science lessons...



We are inspired to explore through investigation and scientific enquiry.

We are inquisitive about the world around us and ask questions to improve our understanding.

WE ARE LEARNING
TO WORK LIKE
SCIENTISTS!



We feel challenged and excited by new concepts.

