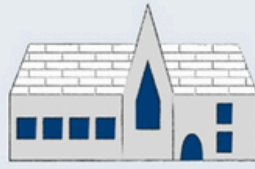
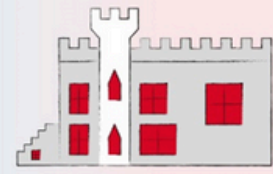




The Federation of North and South Cowton Community and Melsonby Methodist Primary Schools



Melsonby Methodist Primary School
Live Life in all its Fullness



North and South Cowton Community Primary School
Aspire, Inspire, Enquire

SCIENCE

*"The important thing is to never stop questioning."
~Albert Einstein*

INTENT STATEMENT

How pupils become Scientists across the Federation...

Within our Federation, we implement the National Curriculum objectives for Science supported by high quality teaching resources. Our aim is for pupils to develop scientific knowledge and conceptual understanding through the specific disciplines of biology, chemistry and physics. They will do this through a purposefully planned progression of skills and knowledge, building on and extending their prior learning.

Pupils will be encouraged to develop curiosity about science and to think critically, enabling them to understand the implications of science today and in the future. They will be empowered to ask scientific questions about the world around them - finding answers through problem solving, evaluating, reasoning and reflecting.

Hands-on investigations will provide pupils with opportunities to enquire independently and collaboratively. They will be able to explain what is occurring, predict how things will behave and analyse causes. Pupils must have opportunities to: observe over time; seek patterns; identify, classify and group; carry out comparative and fair tests; and research using secondary sources.

Pupils will develop a sense of excitement and curiosity, making a connection to the world by observing phenomena and looking closely at the natural and humanly-constructed world around them. They will develop an understanding of how science has changed our lives and how it is vital to the world's future prosperity. Pupils will be inspired by purposefully planned visits to Science museums, collaborative work with secondary schools and taking part in events during STEM week.