



St Margaret's CE Primary School

Knowledge Builder: SCIENCE

Understand that numerous factors can affect or prevent change	Know what makes a good methodology and explain how adaptations can lead to improvements	Identify, analyse and explain findings that support or dismiss theories and arguments	Know how to use a range of scientific vocabulary in various contexts	Know that science has implications for world issues and that it can be used for good or bad	Understand how their own STEM skills can benefit future science work in school and beyond
Understand more complex processes and know some factors that can affect change	Understand that methods are a key part of safe experimentation and have a secure knowledge of features	Know that clear observations and recordings support findings and prove theories	Know how scientific language learned relates to new science concepts and ideas	Understand how science affects our lives and the implications its use has on them	Understand that the links between science, engineering, technology and mathematics are key to many industries
Identify simple processes and explain in basic terms how they happen	Know the key parts of a simple scientific method	Know how to use simple equipment in observing and recording	Understand some vocabulary linked to specific areas of science e.g. animals - species	Know that science is used in a range of everyday situations, both in and outside the classroom	Identify clear connections between science, technology and mathematics for basic experimenting
Know that processes and changes occur	Know that methods are necessary when experimenting	Know that saying what you see in an important aspect of science	Understand some simple generic vocabulary linked to science e.g. experiment, record	Know when in everyday activities science is useful	Know that science links to other areas of learning
Processes and Change	Methods	Observing and Recording	Scientific Vocabulary	Uses and Implications	Cross-Curricular (STEM)