



# What is Science?

## Science is .....

Science is systematic way of asking and answering questions about the world. Experiments are planned and carried out, using a range of equipment, and evidence is gathered to answer questions. Scientist decide how to record their evidence and they are able to use this evidence to draw conclusions, identify patterns and highlight causal relationships. Scientists are inquisitive and use their findings to ask further scientific questions.



## Someone who studies science is called a scientist.

We will be learning about Wilhelm Conrad Rontgen, Michael Faraday, Justus von Liebig, Joseph Dalton Hooker, Professor Monique Simmonds, Mary Anning, Holly Betts, William Beaumont, Thomas Edison, Jane Goodall, Seirian Summer, Christian Doppler, Bernard Palissy.



## I will be learning these skills in science:

- Asking questions and using different types of scientific enquiries and evidence to answer them.
- Making systematic observations and taking accurate measurements using equipment such as thermometers and data loggers.
- Setting up simple practical enquiries, comparative and fair tests.
- Gathering, recording, classifying and presenting data.
- Using results to draw conclusions, make predictions and ask further questions as well as reporting on findings.