

Science

Scientific Enquiry

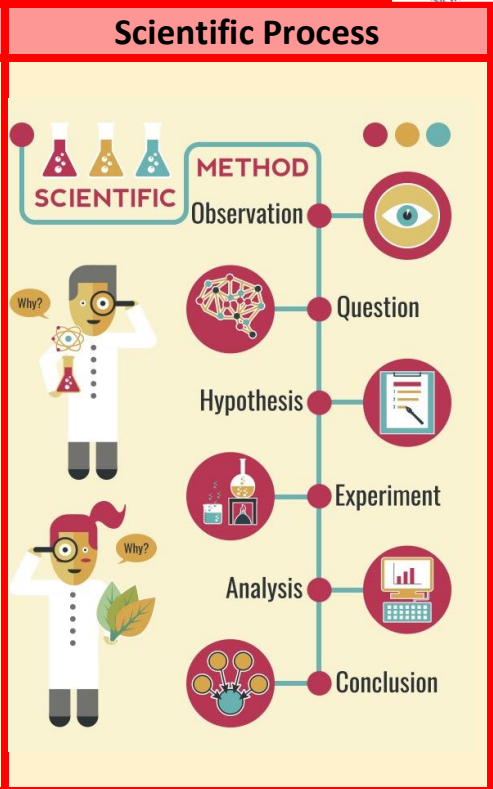
Year 3

Key Vocabulary	
WORD	DEFINITION
conclusion	the end result or outcome
control experiment	an experiment that is used to compare other experiments where there are variables
data	a set of facts or numbers used to learn about something
enquiry	a question to find something out
equipment	tools or items that are needed
fair test	where one variable is changed, and all other elements are kept the same
method	instructions for carrying out an experiment
practical	the performing of a scientific experiment
prediction	explaining what you think might happen
record	writing the measurement of something

Key Knowledge

This half term we are focusing on scientific methods of enquiry and using the following skills:

- Comparative / fair testing**
 Changing one variable to see the effect on another, whilst keeping all others the same.
- Observation over time**
 Observing changes that occur over a period of time, ranging from minutes to months



Key Knowledge

- Problem-solving**
 Applying prior scientific knowledge to find answers to problems.
- Pattern-seeking**
 Identifying patterns and looking for relationships in enquiries where variables are difficult to control.

The Ph Scale

