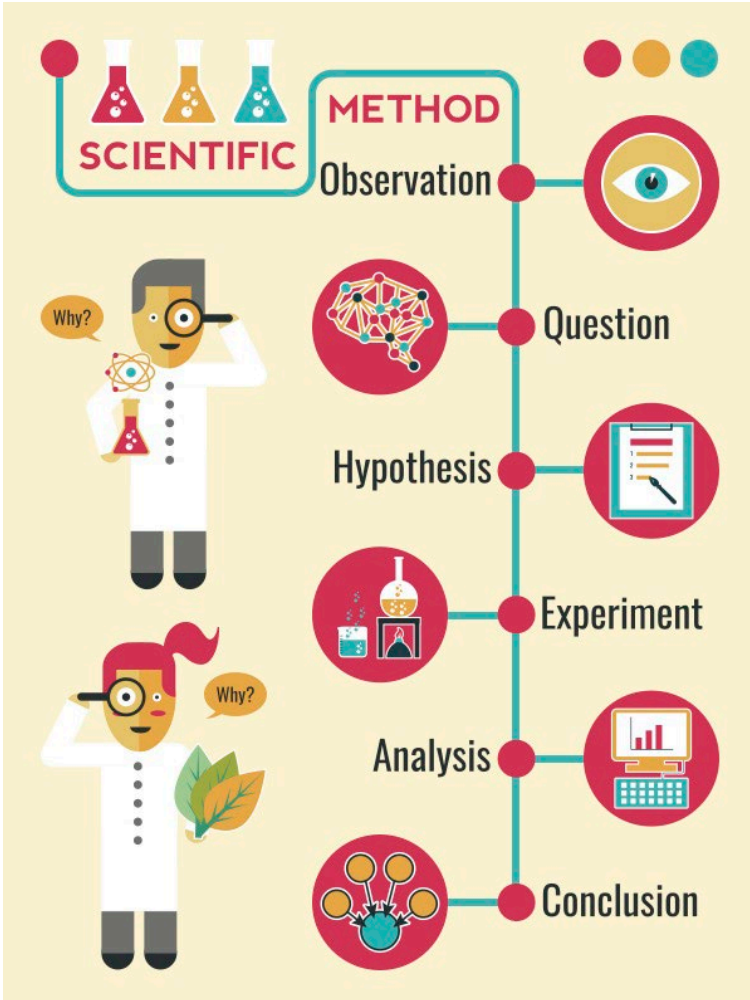


Knowledge Organiser

Science	Year 3	Scientific enquiry
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Scientific Method	
Comparative / fair testing	Changing one variable to see the effect on another, whilst keeping all others the same.
Research	Using secondary sources of information to answer scientific questions.
Observation over time	Observing changes that occur over a period of time, ranging from minute to months.
Pattern-seeking	Identifying patterns and looking for relationships in enquiries where variables are difficult to control.
Identifying, grouping and classifying	Identifying observations to name, sort and organise items.
Problem-solving	Applying prior scientific knowledge to find answers to problems.

Key vocabulary			
Fair test	Where one variable is changed, and all other elements are kept the same.	Record	Writing the measurement of something
Variable	Something that is changed.	Data	A set of facts or numbers used to learn about something
Control experiment	An experiment that is used to compare other experiments where there are variables.	Method	Instructions for carrying out an experiment
Prediction	Explaining what you think might happen	Equipment	Tools or items that are needed
Plausible	Having a reason	Enquiry	A question to find something out
Practical	The performing of a scientific experiment	Conclusion	The end result or outcome

