



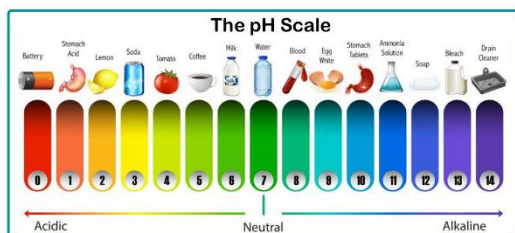
Brookfield Primary School Knowledge Organiser

Year 3: Science - Scientific Enquiry

Key Facts:



The unit "Scientific Enquiry" explores six engaging lessons that teach essential science skills for key stage 2. Students will learn how to ask interesting questions and use different methods to find answers. The unit covers setting up simple experiments, conducting comparative and fair tests, and making careful observations. Using tools like thermometers and data loggers, students will take precise measurements and gather data in various ways. They will record their findings using simple science language, drawings, labelled diagrams, bar charts, and tables. Reporting results through talking, writing, and creating displays or presentations is also included. Students will use their discoveries to make predictions, suggest improvements, and pose new questions. By identifying differences, similarities, and changes in their experiments, they will use scientific evidence to support their findings. Each lesson builds on the previous one, ensuring a dynamic and connected learning experience.



Science is the study of the natural world and how it works.

Where to look:



The internet.

Books in the library.

Museums.

Things to find out about:

How to ensure it is a fair test.

Methods of accurately recording data.

Looking for similarities and differences.

General Scientific Words/Phrases:

Hypothesis, Observation, Data, Experiment, Variable, Control, Inference, Results, Analysis, Conclusion

Key Vocabulary to use in this topic:

Word:	Definition:
prediction	Explaining what you think might happen.
plausible	Having a reason.
record	Writing the measurement of something.
data	A set of facts or numbers used to learn about something.
method	Instructions for carrying out an experiment.