Science Knowledge Building 2

Processes and Changes	Methods	Observing and Recording	Scientific Vocabulary	Uses and Implications	Cross-Curricular (STEM)
Have a very basic understanding of the Earth's tilt in explaining seasonal changes	Know how to pose questions and attempt to answer using simple evidence in a weather experiment	Know how simple weather recording equipment works e.g. rain gauges and sun dials	Know and understand vocabulary such as 'hemisphere', 'Earth', 'tilt'	Understand the uses for weather detecting equipment and forecasts	Understand that the findings of experiments can be used to create simple charts that can relate to maths concepts
Know that there are four seasons and identify their changes linked to the weather	Know how to make suggestions on what might happen in a simple weather experiment	Know how to observe seasonal changes using the senses	Know and understand vocabulary linked to seasons e.g. summer, autumn, winter, spring as well as simple weather language	Know that understanding the weather can help in everyday situations	Know how to create a tally chart of particular types of weather (rainy, sunny, cloudy) in a week
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 area 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**

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