

# Science Knowledge Building 3

Know why the colour of some Arctic animals' fur changes in different seasons	Know that drawing accurate diagrams can support understanding	Know some examples of plants that can survive in harsh conditions	Know and understand the terms 'micro habitat' and 'camouflage'	Understand how the study of animal adaptations affects the materials we wear to keep us warm or dry	Understand that the findings of experiments can be used to create simple charts that can relate to maths concepts
Know that the colour of some Arctic animals' fur changes in different seasons e.g. fox	Know how to make suggestions as to why changes occur in the Arctic	Know that some plants can survive in harsh conditions	Know and understand the terms 'habitat' and 'prey'	Know that observing the weather helps us choose what clothes to wear	Know that products develop through experimentation (Design Technology)
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
<b>Processes and Changes</b>	<b>Methods</b>	<b>Observing and Recording</b>	<b>Scientific Vocabulary</b>	<b>Uses and Implications</b>	<b>Cross-Curricular (STEM)</b>

## Come Fly With Me! Arctic Circle