

Science Knowledge Building

Know that plants need suitable temperatures and good light sources to be healthy and growth	Know the process of growth and, through investigation, explain where a seed or bulb would grow best	Know how to record their observations of growing plants	Know the names of different plant species and understand the terms 'deciduous' and 'evergreen'	Understand that food chains make sure that everyone has enough to eat	Know how to measure temperature (thermometer) and light (lux) (Maths)
Know that plants, as well as animals, grow and they need food and water in order to do so	Know the simple methodology of planting a seed or bean	Understand how careful observation can ensure a plant grows successfully	Know and understand vocabulary linked to the structure of plants e.g. stem, root	Know where humans obtain their plant-based food from and why it is important to eat plants	Know how to measure how much water is given to their growing seedling (Maths)
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
Processes and Changes	Methods	Observing and Recording	Scientific Vocabulary	Uses and Implications	Cross-Curricular (STEM)

Unity in the Community