

Science Knowledge Building

Know that food chains and webs start with a producer followed by prey and predator	Know how to carry out a fair test showing the effects of sugar on teeth	Understand how classification keys are used to support findings about features of animals and plants	Know and use a wide range of vocabulary relating to digestion e.g. oesophagus	Know that lack of the right food for animals in a food chain can have an impact on the biodiversity of an area	Know how zoos and safari parks ensure animals get the right types and amounts of nutrition
Know that animals are part of food chains and this is how they gain the right type and amount of food	Understand how food is processed through the digestive system by observation	Know how to group things using classification	Know the names of the different types of teeth e.g. canine, incisor	Know that poor dental and digestive health can lead to problems in both animals and humans, such as weight gain	Understand, in simple terms, how the medical industry works to protect our teeth
Understand more complex scientific processes and know some factors that can affect change	Understand that methods are a key part of safe experimentation and have secure knowledge of features	Know that clear observations and recordings support findings and prove theories	Know how scientific language learned relates to new science concepts and ideas	Understand how science affects our lives and the implications its use has on them	Understand that these links between science, technology, engineering and mathematics are key to many industries
Processes and Changes	Methods	Observing and Recording	Scientific Vocabulary	Uses and Implications	Cross-Curricular (STEM)

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