

Glenfield Infant School Knowledge Organiser



Year 1 - Summer 2

Science

Making Connections - Investigating science through stories

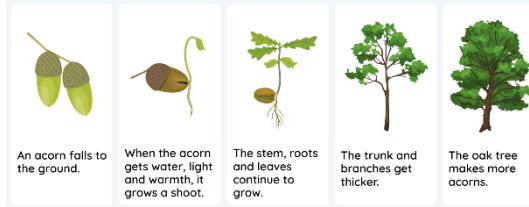
What should I already know?

I know that the changes occur during the 4 seasons in the year.
 I can describe and compare the features of different animals.
 I know that everyday materials have different properties.
 I know that animals can be carnivores, herbivores or omnivores.

Vocabulary:

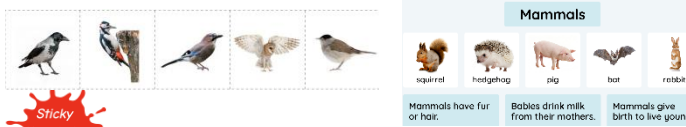
Seasons	The four different times of the year when the weather changes, like spring, summer, autumn and winter.
Features	The parts of something that help us describe what it looks like, like a bird's beak, wings or feathers.
Waterproof	Something that keeps water out so what is inside stays dry.
Measure	To find out how big, long or tall something is using tools like a ruler.
Carnivores	An animal that eats other animals.
Herbivore	An animal that eats plants.
Omnivores	An animal that eats both plants and animals.

1. Do taller trees have wider trunks?



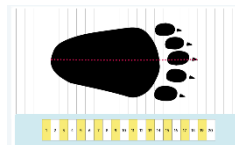
Plants and trees change throughout the seasons in the year. The parts of a tree, such as an oak tree, grow and change as the seasons change. Scientists look for patterns to answer questions.

2. How are birds the same and different from each other?



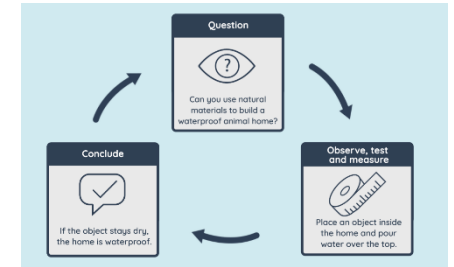
Mammals and birds are different animal groups. Animals in the same group can share similar features, such as mammals having fur and birds having beaks. Birds can look and sound different from each other. We can research how each bird is unique.

3. How can we use clues to find out which animal has been somewhere?



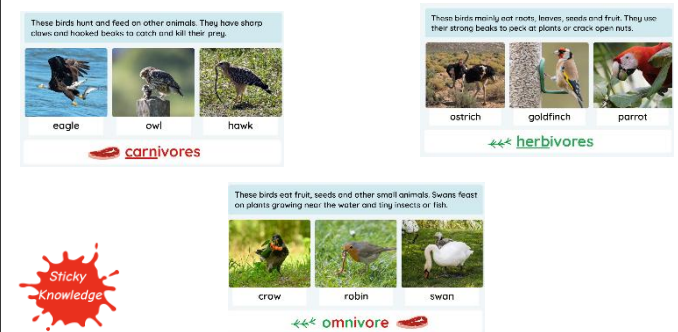
Zoologists study animals and look carefully for clues like footprints, fur or feathers to find out which animals have been in a place. We can measure footprints using centimetres to help identify and compare different animals.

4. How can we build a strong and waterproof animal home using natural materials?



Animals use natural materials like sticks, leaves and mud to build strong homes that keep them safe and dry. We can test if a home is waterproof by pouring the same amount of water on it to make the test fair.

5. Are birds carnivores, herbivores or omnivores?



Animals can be carnivores, herbivores or omnivores depending on what they eat. Carnivores eat animals, herbivores eat plants and omnivores eat both. Birds have different diets, and we can use what they eat to help us decide which group they belong to.