

St. Martin's Primary School - Science

Topic: Pets & Gardens

Year: 1

Strand: Biology

What should I already know?

- The names of some pets
- The name of some animals found in the garden

Vocabulary

amphibian	an animal that spends part of its life in water and part of its life on land
bird	an animal that has wings, two legs and a body covered in feathers
carnivore	an animal that eats only meat from other animals
compare	to describe the similarities and differences of things
fish	an animal that lives in water and has gills for breathing
grass	a green plant with narrow, pointed leaves
herbivore	an animal that eats only plants
home	a place where an animal or person lives
insect	a small animal whose body is divided into three parts and has 6 legs
mammal	a warm-blooded animal with fur or hair covering its skin
omnivore	an animal that eats both plants and meat
pond	a small body of still water
predator	an animal that hunts other animals for food
reptile	a cold blooded animal that has scales covering its body
shade	darkness caused by light from the sun being blocked
shelter	a place that gives protection from weather and danger
vertebrate	an animal that has a backbone

What will I know by the end of the unit?

The different types of animals that can be found in and around the home

Mammals

Are warm-blooded.

Their young drink their mother's milk.

We are mammals.

Have hair or fur.

Give birth to live young.

Amphibians

Are cold-blooded.

Live on land and water.

Lay eggs.

Have moist skin.

Have webbed feet.

Reptiles

Are cold-blooded.

Have scales not fur.

Have ear holes, not ears.

Have dry skin.

Live on land and water.

Fish

Are cold-blooded.

Live in water.

Have fins not legs.

Have gills instead of lungs, to breathe under water.

Lay their eggs in water.

Animals that live in grass

Ants use the grass for **shelter** and protection from **predators**. It is hard for predators like birds to find them and eat them when they are in the grass. They **eat** seeds and other small animals that are often found in the grass. They often make their **nests** in the soil the grass grows in.

BACK **NEXT**

Animals that live in shade

Lots of animals use and live in hedges. Birds often make their nests in them. Insects hide among the branches and leaves. Frogs, toads, newts and reptiles are often found underneath the hedge.

BACK **NEXT**

Why do you think frogs, toads and newts like to be underneath hedges?

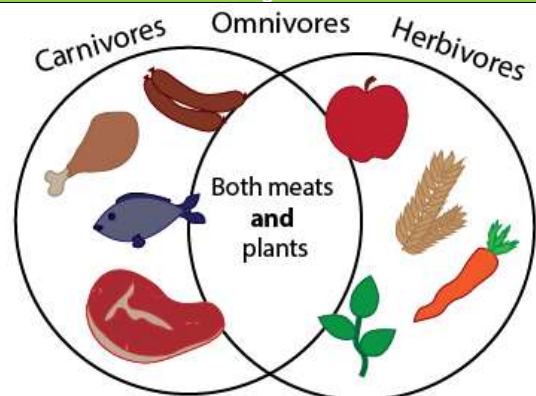
Animals that live in and around ponds

This is a pond. Ponds attract lots of different animals.

BACK **NEXT**

Did you get them right? What plants might you find in a pond?

Diagrams



A Venn diagram is useful for sorting animals by what they eat.

Investigate!

- Make a list of the animals you can find in your home or garden.
- Go on an insect hunt and use a magnifying glass to look closely at what you find. Remember to look under logs, stones and plant pots. Make sure you wash your hands after handling animals and always put them back where you found them.
- Visit a local pond and see what plants and animals you can spot. Remember to take care near water and always make sure you are with an adult.

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Question 1: Rabbits, cats and hamsters are all what?	Start of unit:	End of unit:
Mammals		
Reptiles		
Amphibians		

Question 2: Match the word to the definition			
Start of unit:		End of unit:	
Herbivore	an animal that eats meat	Herbivore	an animal that eats meat
Carnivore	an animal that eats plants and animals	Carnivore	an animal that eats plants and animals
Omnivore	an animal that eats plants	Omnivore	an animal that eats plants

Question 3: Why does an animal need shelter? (tick two)	Start of unit:	End of unit:
To have somewhere comfortable to sleep		
To protect them from other animals		
To protect them from the weather		

Question 4: What animal might be found at the pond?	Start of unit:	End of unit:
Snake		
Dragonfly		
Hamster		

Question 5: Why are hedges an important thing to have in the garden? (tick correct answers)	Start of unit:	End of unit:
Birds build their nests in them		
Insects hide in the leaves		
They can grow in all different sizes		
Frogs and toads shelter under them		
They are good for hiding walls and fences		