

LIVING WORLD

Unit 1 – Animal groups



SAMPLE
NOTES

Animal or plant?

Animals are different from plants in many ways. Animals stay alive by eating plants and sometimes by eating other animals. Most animals have to move around to look for food. An animal may have legs, wings or fins to move with. Some animals, like snakes, don't have any legs. Animals have senses like yours – smell, taste, touch, sight and hearing. Animals may either lay eggs or give birth to live babies.

Plants mostly stay in the same place. Instead of legs, they have roots. Plants grow almost anywhere, even underwater. Plants can make their own food, using sunlight, air and water. A flower is the part that makes new plants.

Is it an animal?

Tick the box if you think the sentence describes an animal:

I eat grass.

I have roots.

I have flowers.

I hatched from an egg.

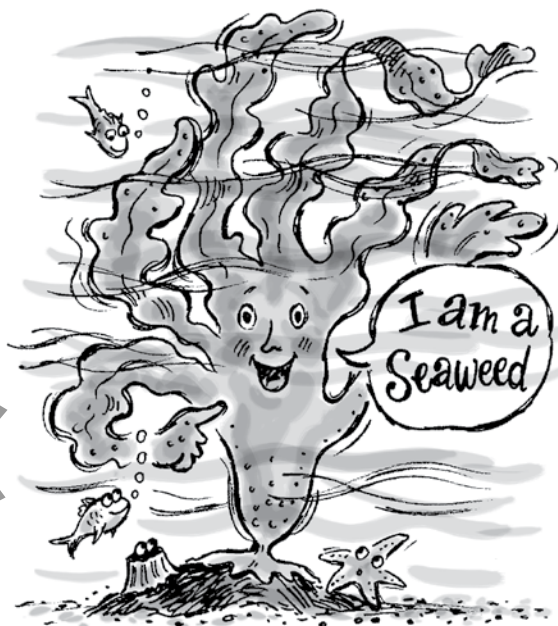
I am a worm.

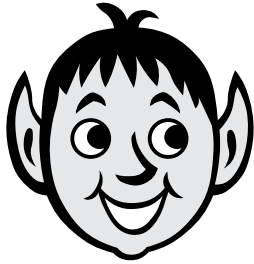
I have 8 legs.

I am a seaweed.

I have a nose.

SAMPLE
QUESTIONS





Not all animals move around – barnacles attach themselves to rocks and stay there. Some plants spend their lives on the move – such as some river weeds.

Grouping animals

Think of animals that fit into these groups. Write the names of 3 more animals in each box:

Animals with fur:

Possum	<input type="text"/>	<input type="text"/>
--------	----------------------	----------------------

Animals without fur:

Tuatara	<input type="text"/>	<input type="text"/>
---------	----------------------	----------------------

Animals with 4 legs:

Pig	<input type="text"/>	<input type="text"/>
-----	----------------------	----------------------

Animals with no legs:

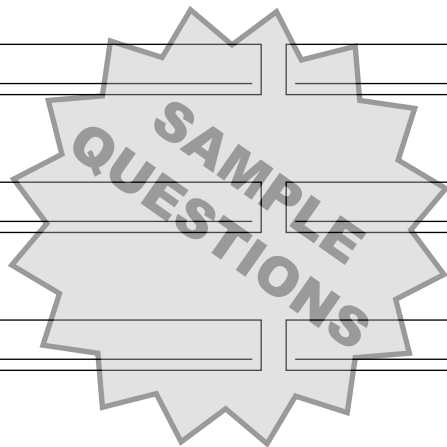
Dolphin	<input type="text"/>	<input type="text"/>
---------	----------------------	----------------------

Wild animals:

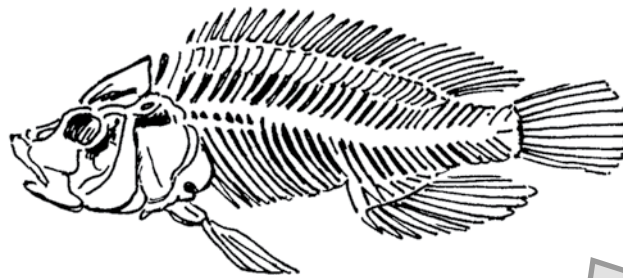
Kiwi	<input type="text"/>	<input type="text"/>
------	----------------------	----------------------

Domesticated (pet) animals:

Cow	<input type="text"/>	<input type="text"/>
-----	----------------------	----------------------



The vertebrates

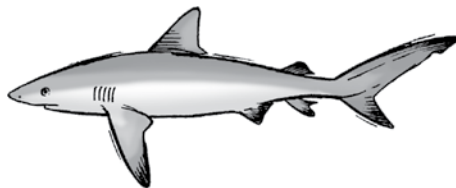


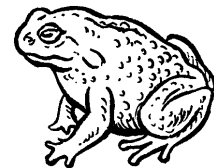
Animals with skeletons inside their bodies belong to the **vertebrate** group. The vertebrates include birds, mammals, reptiles, fish and amphibians.

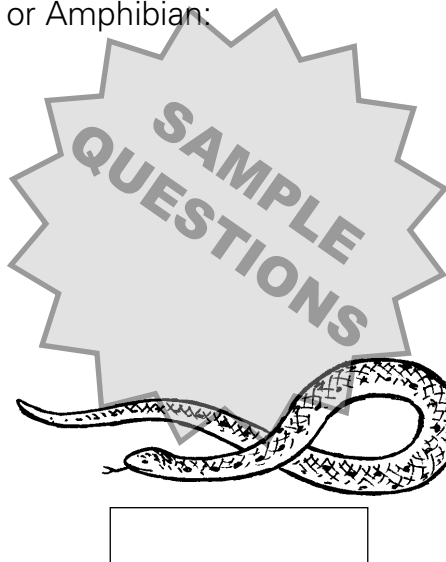
- **Birds** – these animals have 2 wings, 2 legs, feathers, and a beak instead of teeth.
- **Mammals** – feed their babies with milk. They breathe air and are usually hairy or furry. Humans are mammals.
- **Reptiles** – have scaly skin and need the sun to keep warm. Lizards are reptiles.
- **Fish** – live in water, usually have scales, and breathe through gills.
- **Amphibians** – live on land but need water for their babies. Frogs are amphibians.

Vertebrates

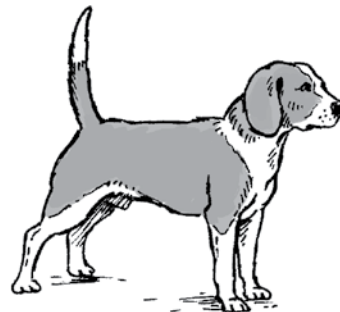
Label each of these animals as Bird, Mammal, Reptile, Fish, or Amphibian:











Unit 3 – Gases

It's a gas!

1. Ammonia.
2. Helium.
3. Carbon dioxide.
4. Butane.

Experiments

1. The gas you breathe

The gas filling up your chest/lungs is air.

The bubbles in the glass of water come from air breathed out of your lungs.

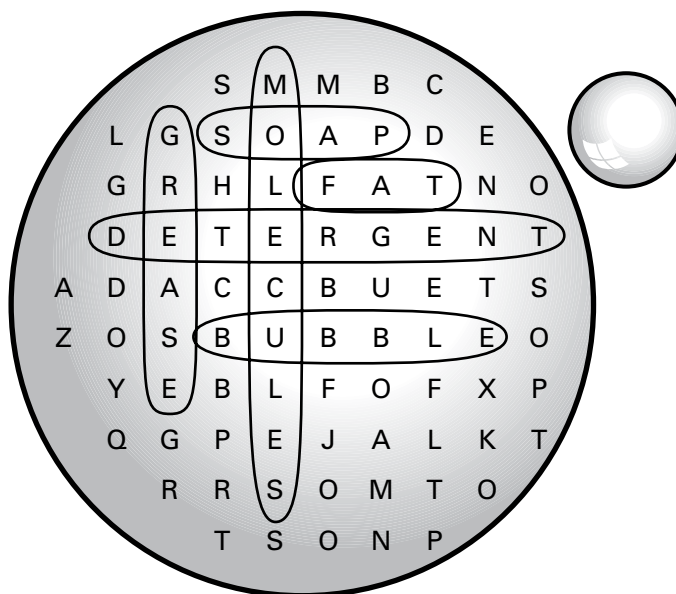
2. Making carbon dioxide gas

Bubbles of gas come out of the neck of the funnel.

The bubbles are made of carbon dioxide gas trapped inside the detergent.

Unit 4 – Soap chemistry

Soapy word find



Experiments

1. Breaking up oil

The oil broke up the most in the detergent jar.

The oil broke up more with detergent because detergent molecules stick to the oil molecules.