

Food Chains



blue tits eat caterpillars



snails eat lettuce



sparrowhawks eat hedge sparrows



magpies eat hedge sparrows' eggs



thrushes eat snails



caterpillars eat cabbage



spiders eat flies

(a) Give **ONE** example of a consumer eating another consumer shown in the drawings.

Handwritten mark

(b) Name **ONE** predator of the hedge sparrow shown in the drawings.

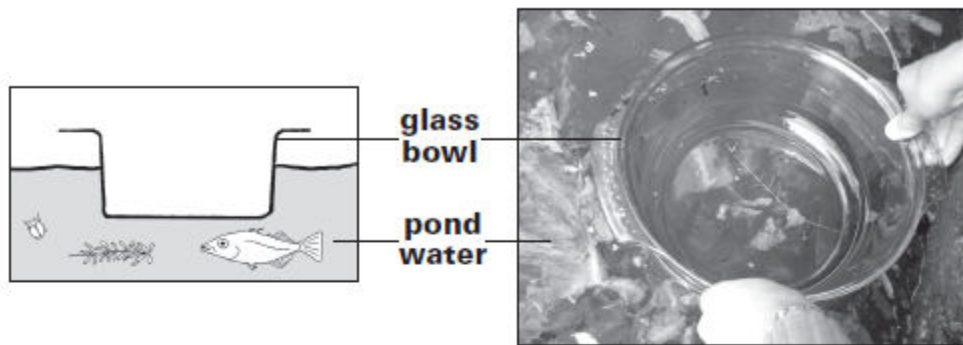
Handwritten mark

(c) Name **TWO** producers shown in the drawings.

Handwritten mark (i) (ii)

Citrines

- (a) Tom is finding out about pond life. He holds a glass bowl in the water and watches the pond life underneath.

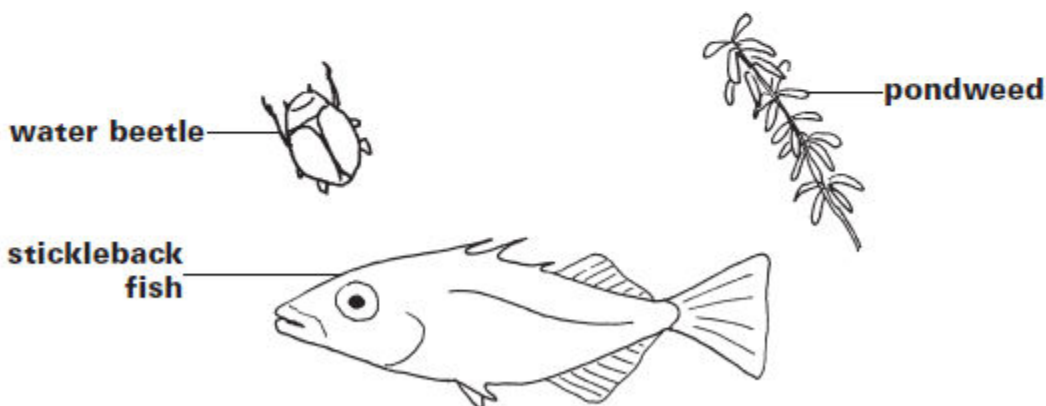


What property of the bowl allows Tom to see the pond life?



The glass bowl is

- (b) The pictures below show some of the things Tom sees underneath the bowl.



The stickleback fish is a predator.

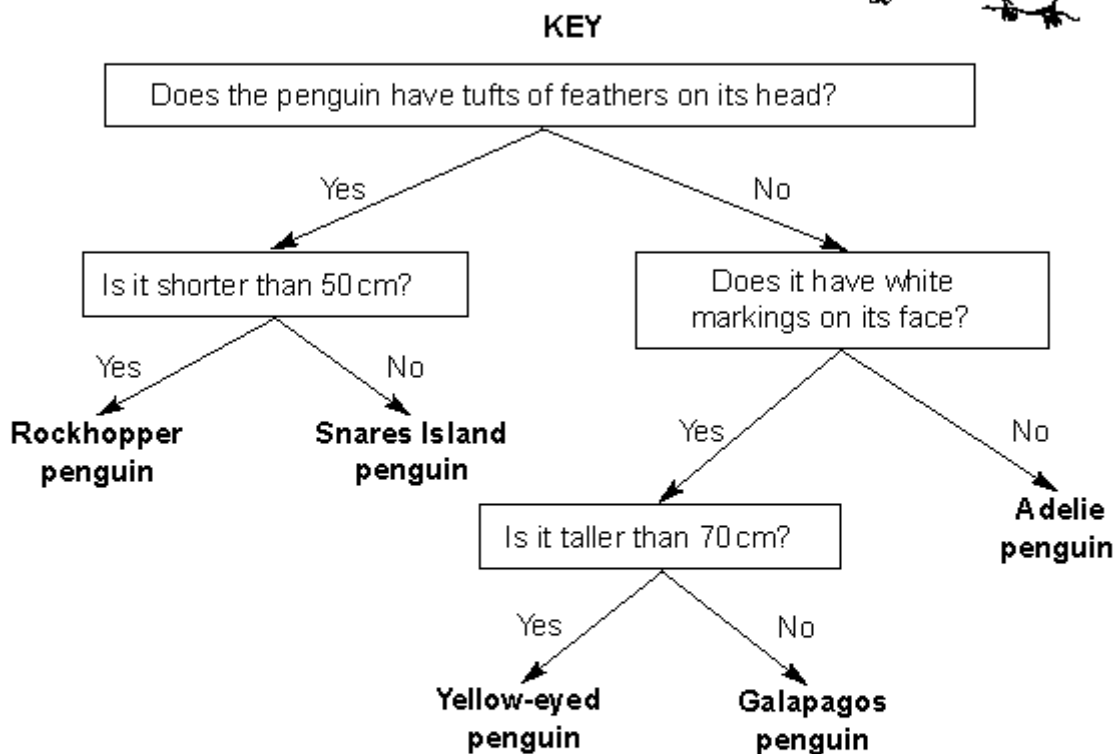
Tick **ONE** box to show why the stickleback fish is a predator.

- | | | | |
|-------------------------|--------------------------|---------------------------------|--------------------------|
| It eats plants. | <input type="checkbox"/> | It eats other animals. | <input type="checkbox"/> |
| It hides near pondweed. | <input type="checkbox"/> | It gets eaten by other animals. | <input type="checkbox"/> |

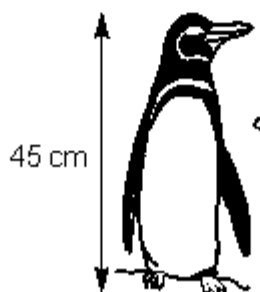
Emeralds

Penguins

(a) The key below can be used to identify penguins.



Use the key to identify the penguin below.



45 cm

This is a penguin.

Tick **ONE** box to show the best reason for identifying animals.

so you can find out what scientific group they are in

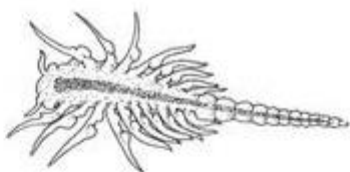
so you can compare them with plants

so you can learn about the country they live in

so you can measure how tall they are

Sapphires

A **brine shrimp** is a tiny living thing. It lives in lakes and eats **algae** (green plants).



Brine shrimp

Flamingoes eat brine shrimps. They filter the shrimps from the water. Look at the picture of the flamingo.



Describe one feature of the flamingo's neck that helps the flamingo to feed.

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Write the food chain for the three living things described above.



The lakes dry up in hot weather and fill up again when it rains. When the lake is dry the adult brine shrimps die, but the eggs do not.

Explain why it is important to the life cycle of brine shrimps that the eggs do **not** die when the lake dries up.

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Amethysts

The children observed the animals in and around a pond.



Which **THREE** things do **all** animals do?

Tick **THREE** boxes.

run

swim

grow

hunt

move

hear

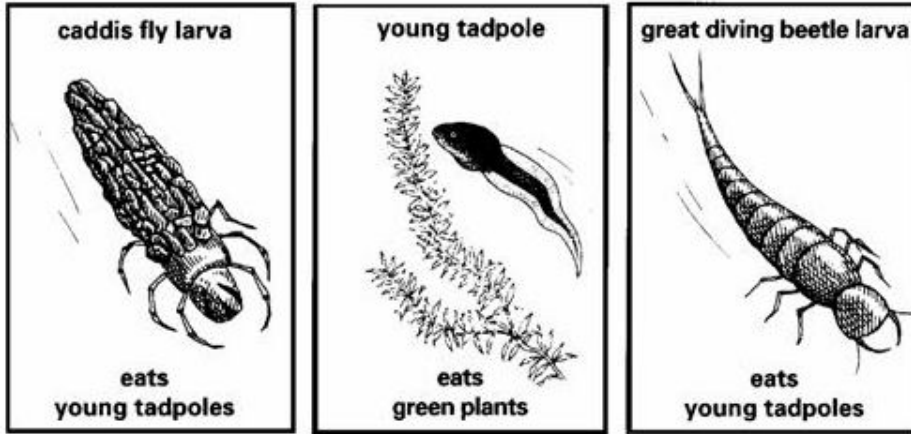
reproduce

make a noise

wash

Amethysts

The pictures show what some of the living things in a pond eat.



Use the information in the pictures.

Write the names of three living things to show one food chain in this pond.

..... → →

Write in the table the names of **ONE** predator, **ONE** prey and **ONE** producer shown in the pictures.

predator	prey	producer
.....

Slugs can eat lettuces.
 Kestrels can eat frogs.
 Frogs can eat slugs.

(a) Write this as a food chain.

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..... → →

(b) Write the name of the producer in this food chain.

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