SCIENCE

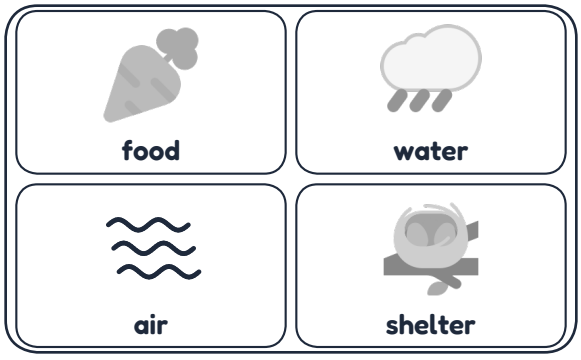
What animals need

Name _____ Date _____

I can name the four things every animal needs to live.

1 How it works

Animals are living things. Every animal needs food, water, air and shelter, a safe place to live. Animals cannot make their own food like plants do, so they must find it. A rabbit eats plants, a lion eats other animals, and a fox eats both. Shelter keeps animals safe from bad weather and from other animals.



2 Circle what an animal needs

An animal needs 4 of these.


a kite


air


a phone


shoes


food


shelter


water


a ball

How did I do? ☆ ☆ ☆

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Home, sweet home

Name _____ Date _____

I can match animals to their shelters and their food.

1 Draw a line from each animal to its shelter

 bird	a web
 bee	a nest in a tree
 rabbit	a hive
 spider	the water of a pond
 fish	a burrow under the ground

2 What does it eat? Circle it.

 A rabbit eats	plants	animals	both
 A lion eats	plants	animals	both
 A panda eats	plants	animals	both
 A fox eats	plants	animals	both

How did I do? ☆ ☆ ☆

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Think like a scientist

Name _____ Date _____

I can explain what animals need to live.

1 Think about it

1. Why does an animal need shelter? _____
2. Why must animals find food? _____
3. What does a pet need every day? _____
4. How are your needs like a dog's? _____

2 True or false? Circle it.

1. Animals make their food from sunlight.	true	false
2. A bird's nest is a kind of shelter.	true	false
3. Animals need water to live.	true	false
4. A pet needs food and water every day.	true	false
5. All animals eat the same food.	true	false

3 Draw an animal in its shelter. Add its food and water.

How did I do? ☆ ☆ ☆

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Try it: the ant picnic

Name _____ Date _____

I can find out which food ants like best.

1 You need

- a paper plate
- a bit of bread
- a pinch of sugar
- a slice of apple
- a leaf

2 What to do

1. Put 4 tiny bits of food far apart on the plate: bread, sugar, apple and a leaf.
2. Set the plate on the ground outside, near grass or a path.
3. Wait. Look closely, but do not touch the ants.
4. Count the ants on each food after 10 minutes and after 30 minutes.

3 I predict

Which food will the ants like best?

_____

_____

4 What I see

Food	After 10 minutes	After 30 minutes
bread		
sugar		
apple		
leaf		

How did I do? ☆ ☆ ☆

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FOR TEACHERS AND PARENTS

Answer key: what animals need

1 Page 1

Circle: food, water, air and shelter. An animal does not need a ball, a phone, shoes or a kite.

2 Page 2

Shelters: 1) bird: a nest in a tree; 2) bee: a hive; 3) rabbit: a burrow under the ground; 4) spider: a web; 5) fish: the water of a pond.

Food: 1) rabbit: plants; 2) lion: animals; 3) panda: plants; 4) fox: both.

3 Page 3

Think: 1) To stay safe and dry; 2) They cannot make their own food like plants; 3) Food, water, air and a safe home; 4) We both need food, water, air and shelter.

True or false: 1) false; 2) true; 3) true; 4) true; 5) false.

Drawing: any animal in its home, with food and water nearby.

4 Page 4: Try it!

Most ants go to the sugar and the apple first, because sweet food gives them quick energy. Some carry bread crumbs back to their nest. Few or none visit the leaf. Ants, like all animals, need food: they search for it and carry it home.

5 Teaching tip

Before the pages, ask children to list what a pet or a zoo animal needs each day. Sort the list into food, water, air and shelter. Then compare with plants: plants make their own food, but animals must find theirs.

Safety: watch the ants but never touch them, because some ants bite. Pick up the plate when you finish and wash hands.

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