



Essential Question

What Are Animal Needs?



Engage Your Brain

Find the answer to the question in the lesson.

How is a frog like a human?

Both need food to _____.



Active Reading

Lesson Vocabulary

- 1 Preview the lesson.
- 2 Write the 4 vocabulary terms here.

Just the Basics

Animals are living things. Humans are living things, too. Just like plants, animals and humans have basic needs. They must meet their basic needs in order to **survive**, or stay alive.

What basic need are these animals getting? How does this make animals like plants?

Active Reading

Circle the words that help you know what **survive** means.

Animals need water to survive.

Water Everywhere

Humans need water, too. Drinking water helps us survive. Water is also in other things we drink, such as milk and juice.

The water in this drink helps the girl get what she needs.

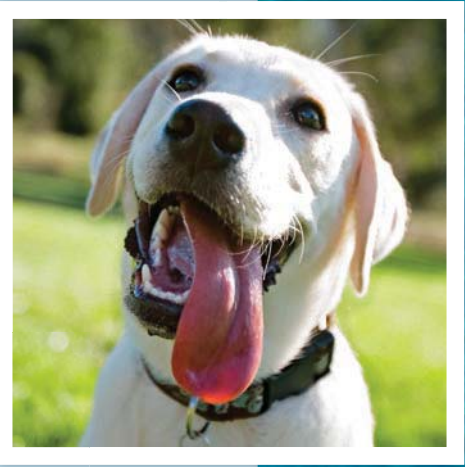
▶ Draw and label a picture to show what you like to drink.



It's in the Air!

Living things need oxygen to survive. Humans and many animals use body parts called **lungs** to get oxygen from the air. Humans and these animals take in the air through their mouths and noses.

Put a hand on your chest and take a deep breath. Can you feel your lungs taking in air?



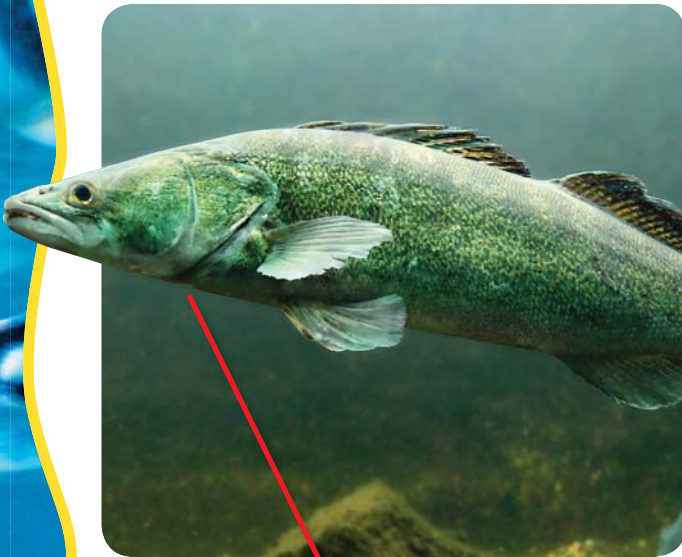
This boy is swimming underwater. He is using a snorkel.

► Why do people need a snorkel to swim underwater?

It's in the Water!

Some animals, such as fish, use gills to take in oxygen. **Gills** are parts of an animal that take in oxygen from the water. Can you find the gill on the side of the fish's head?

▶ Label the part of the fish that takes in oxygen.




123 Do the Math

Interpret a Table

Animal Breathing Rates

Use the chart to answer the questions.

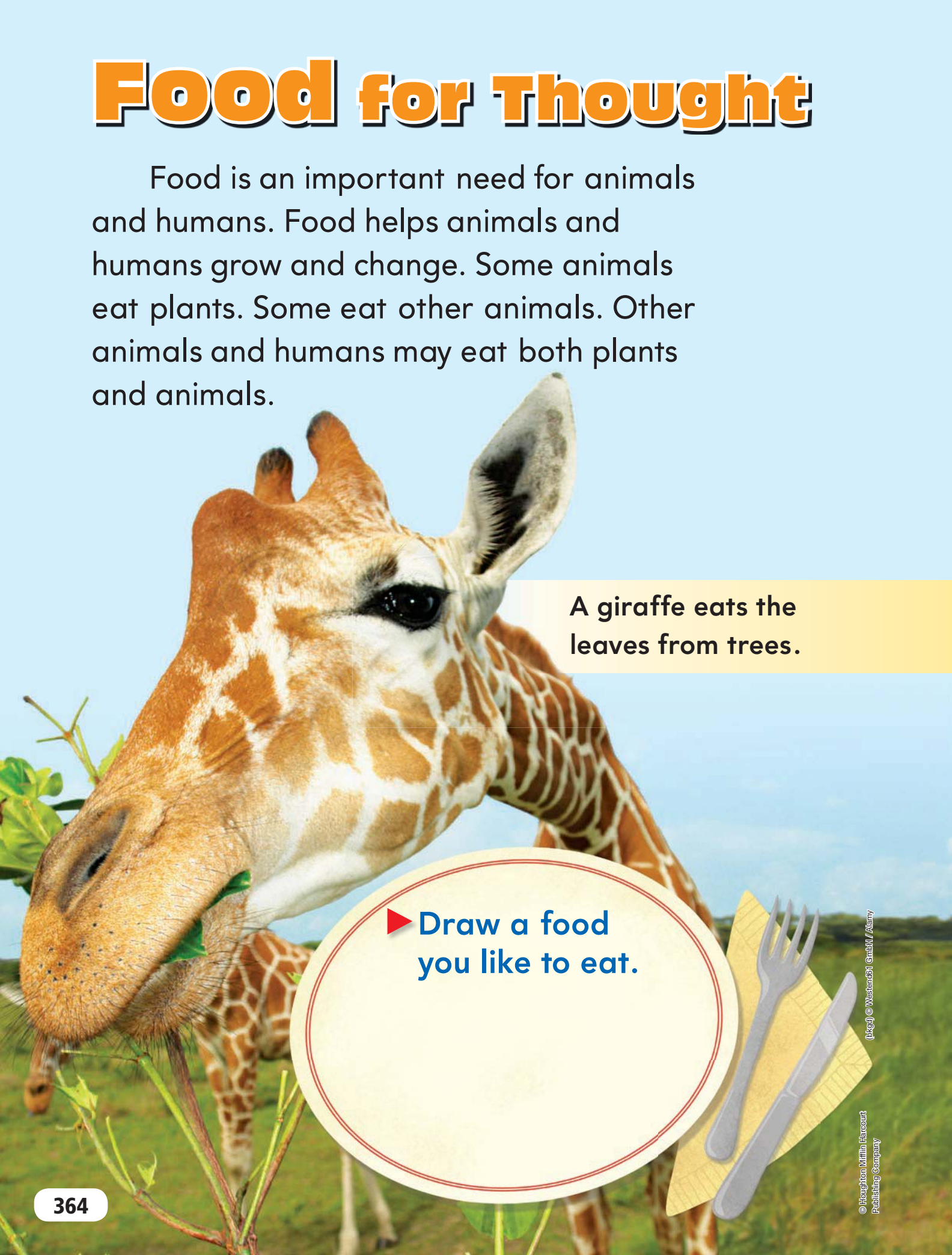
Animal Name	Breaths per Minute
 cat	25
 dog	20
 sparrow	50
 horse	15

1. How many more breaths per minute does a sparrow take than a cat?

2. How many more breaths per minute does a dog take than a horse?

Food for Thought

Food is an important need for animals and humans. Food helps animals and humans grow and change. Some animals eat plants. Some eat other animals. Other animals and humans may eat both plants and animals.

A giraffe with brown and white spotted fur is shown in profile, eating green leaves from a tree branch. The background is a bright blue sky and a green field.

A giraffe eats the leaves from trees.

A large, empty white oval with a red double-line border is positioned in the lower center. To its right, there is a yellow paper napkin with a silver fork and knife resting on it.

▶ Draw a food you like to eat.

Protection for All

Animals need space to move, find food, and grow. Humans and many animals also need shelter. A **shelter** is a safe place to live.

Humans also need something that animals do not need. We need clothes to protect our bodies from cold and rainy weather.

Kinds of Shelters



Some bears live in dens.



Some bees live in hives.



A prairie dog lives in a burrow.



Some humans live in houses.

Active Reading

Circle the words that name different shelters.

Sum It Up >>

1 Circle It!

Circle the living thing that does not use lungs to get oxygen.



2 Mark It!

Cross out the thing that humans do not need to survive.



3 Draw It!

Draw an animal in its shelter.
Show the animal meeting another need.





Name _____

Vocabulary Review

Read the words and the clues.

Write the word that goes with each clue.

lungs

gills

shelter

survive

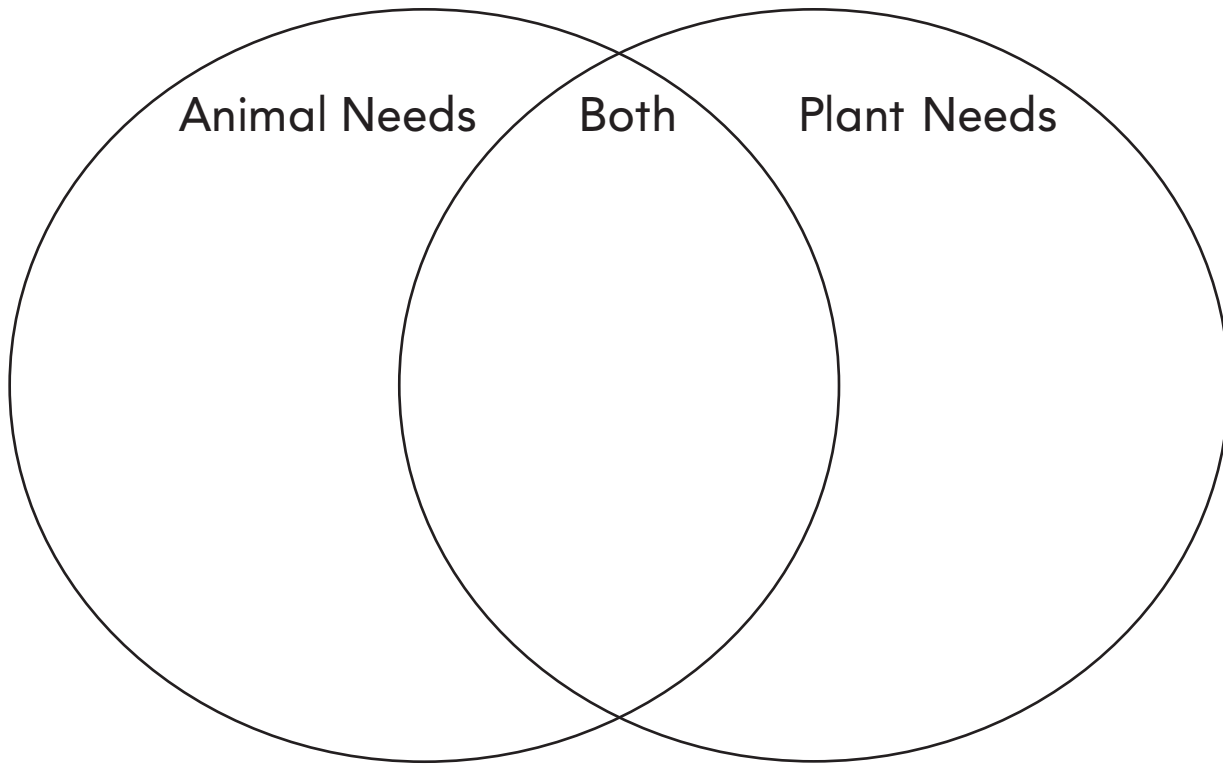
oxygen

- 1 I am a safe place to live. _____
- 2 We are the body parts that you use to take in oxygen. _____
- 3 I mean to stay alive. _____
- 4 We are the body parts that fish and tadpoles use to stay alive in water. _____
- 5 I am in the air you breathe. _____



Apply Concepts

Complete the Venn diagram. Show how animal needs and plant needs are alike and different.



Complete the sentence.
Tell about the main idea of this lesson.

Basic needs are the things that animals and plants
need to _____.

Take It
Home

Family Members: See *ScienceSaurus*[®] for
more information about animals.