

You Will Discover

- that some plants make their own food.
- what animals eat for food.

Chapter 5

Food Chains

 **Web Games**
Take It to the Net
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Build Background

How are living things connected?



food chain

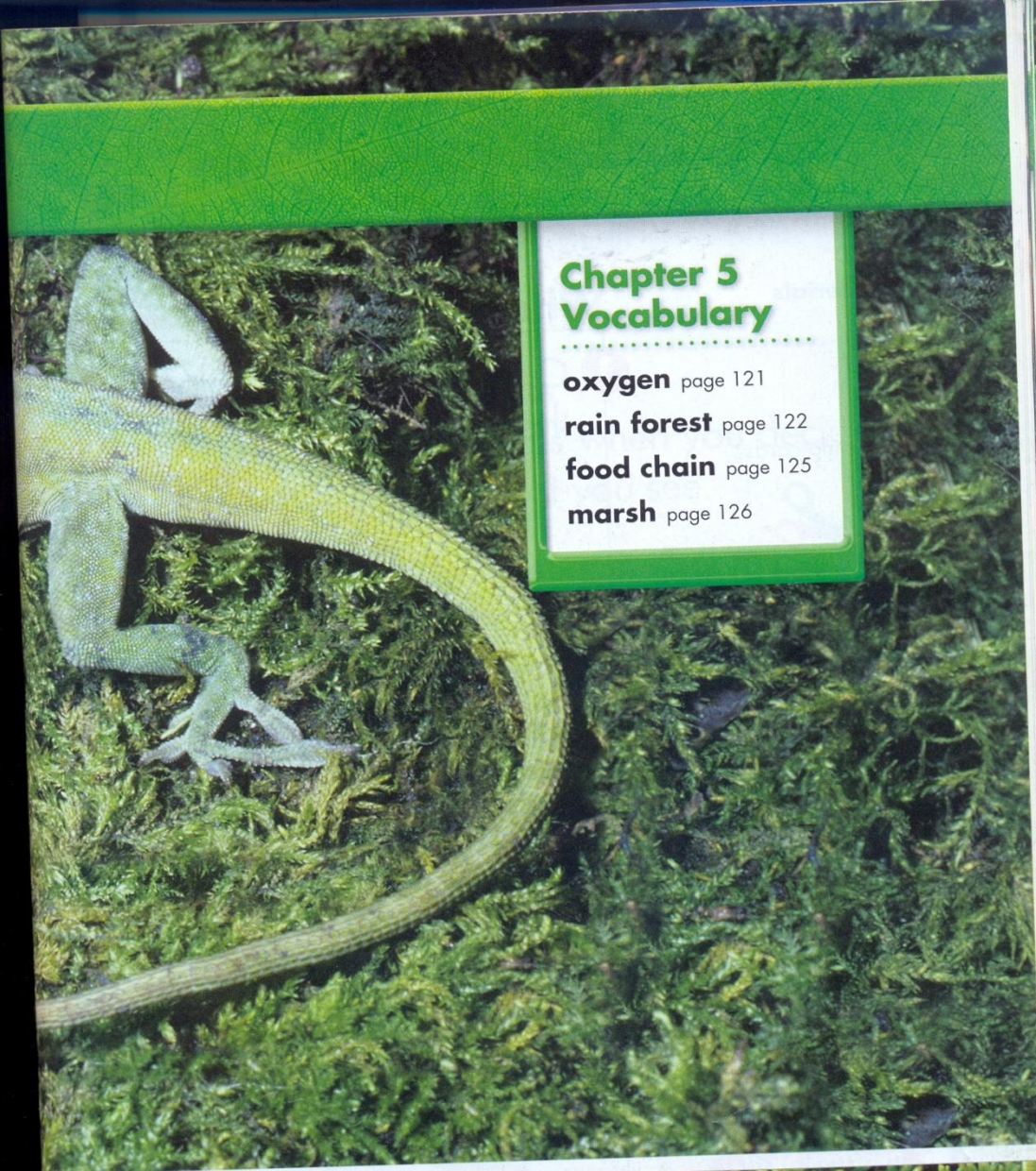
oxygen

Oxygen is a gas in the air that plants and animals need to live.

114

rain forest





Chapter 5 Vocabulary

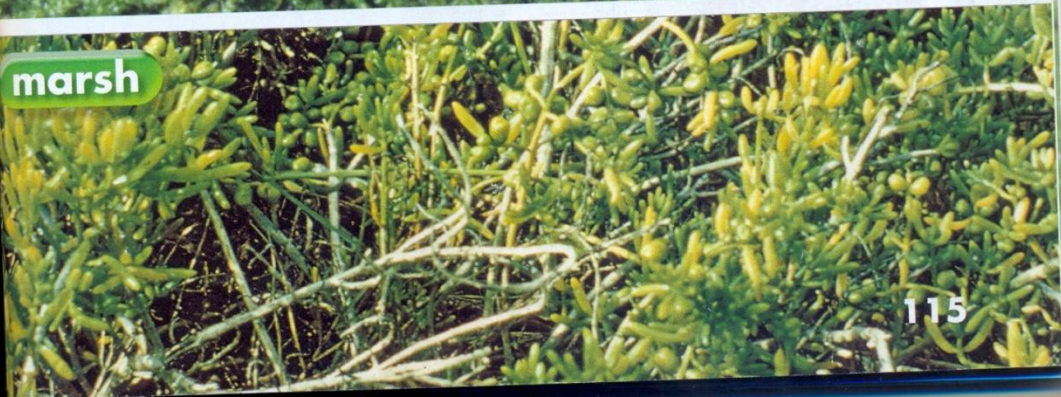
oxygen page 121

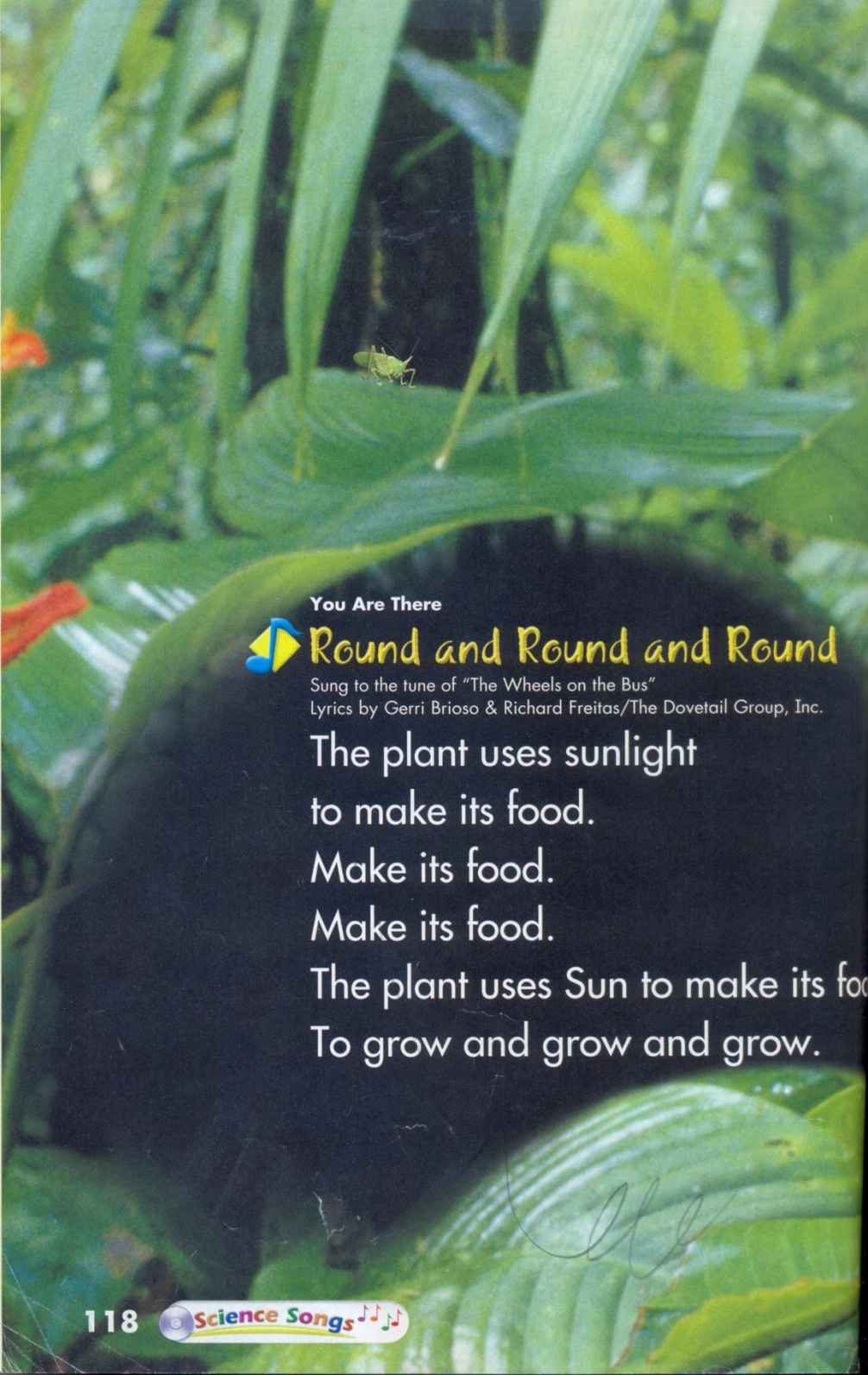
rain forest page 122

food chain page 125

marsh page 126

marsh





You Are There

 **Round and Round and Round**

Sung to the tune of "The Wheels on the Bus"

Lyrics by Gerri Brioso & Richard Freitas/The Dovetail Group, Inc.

The plant uses sunlight
to make its food.

Make its food.

Make its food.

The plant uses Sun to make its food

To grow and grow and grow.



Lesson 1

How do plants and animals get food?

All living things need food.
Even you!

What do animals eat?
Some animals eat plants.
Some animals eat other animals.
Some animals eat plants
and animals.

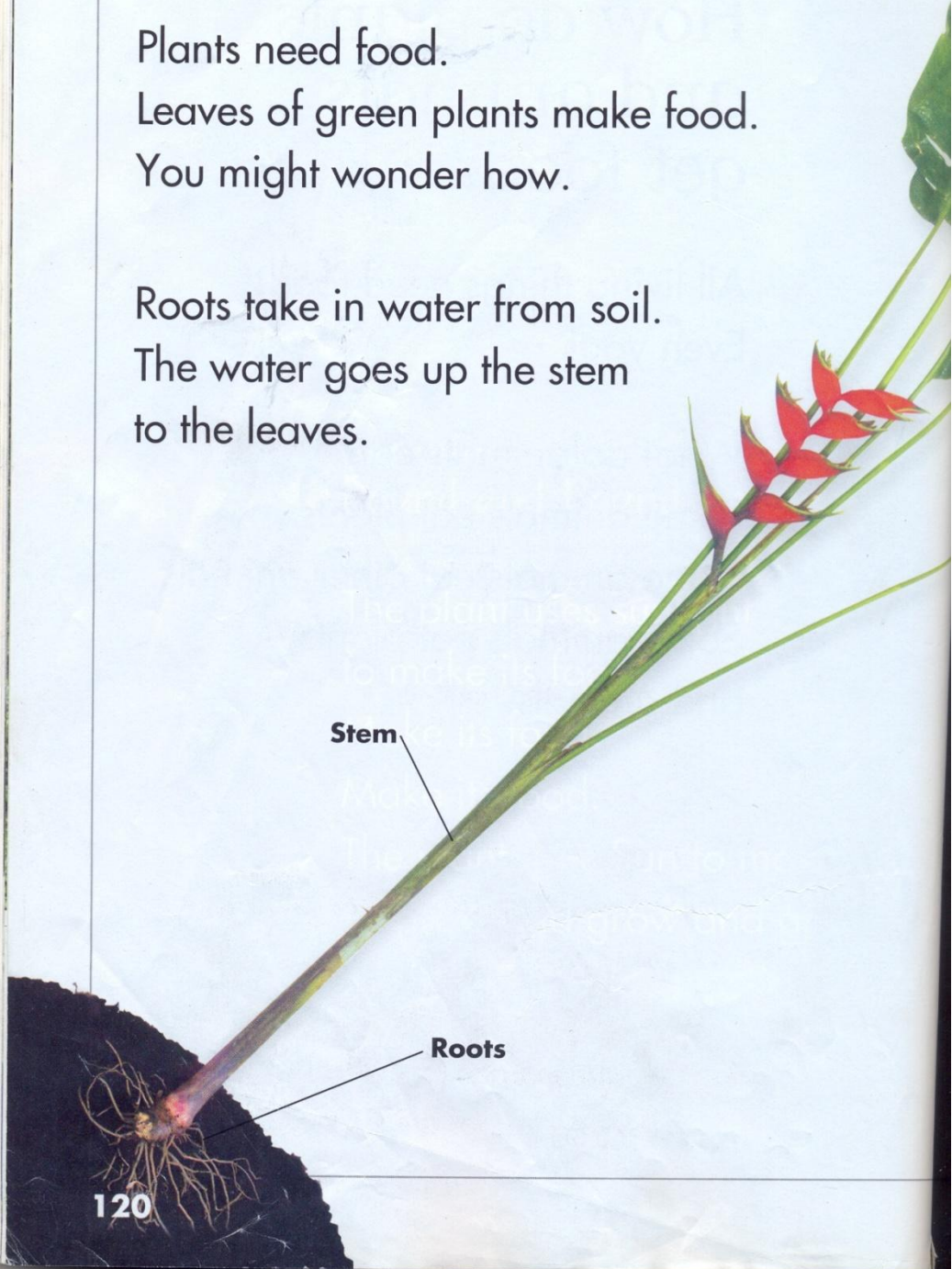


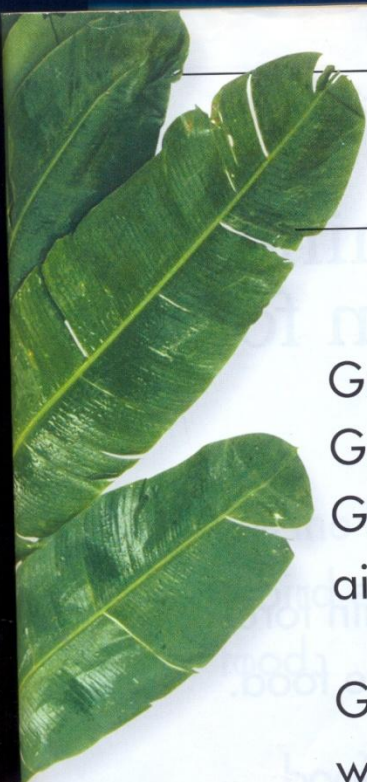


Plants Make Food

Plants need food.
Leaves of green plants make food.
You might wonder how.

Roots take in water from soil.
The water goes up the stem
to the leaves.





Leaves

Green leaves take in sunlight.


Green leaves take in air.

Green leaves use sunlight, air, and water to make food.

Green leaves give off oxygen when they make food.

Oxygen is a gas in the air. Plants and animals need oxygen to live.

✓ Lesson Checkpoint

1. Why are green leaves important to plants?
2.  **Draw Conclusions** What might happen to animals if plant leaves did not give off oxygen?



Lesson 2

How do living things get food in a rain forest?

A **rain forest** is a habitat.

A rain forest gets lots of rain.

The plant below grows in a rain forest.

The plant uses sunlight to make food.

The katydid eats the plant for food.

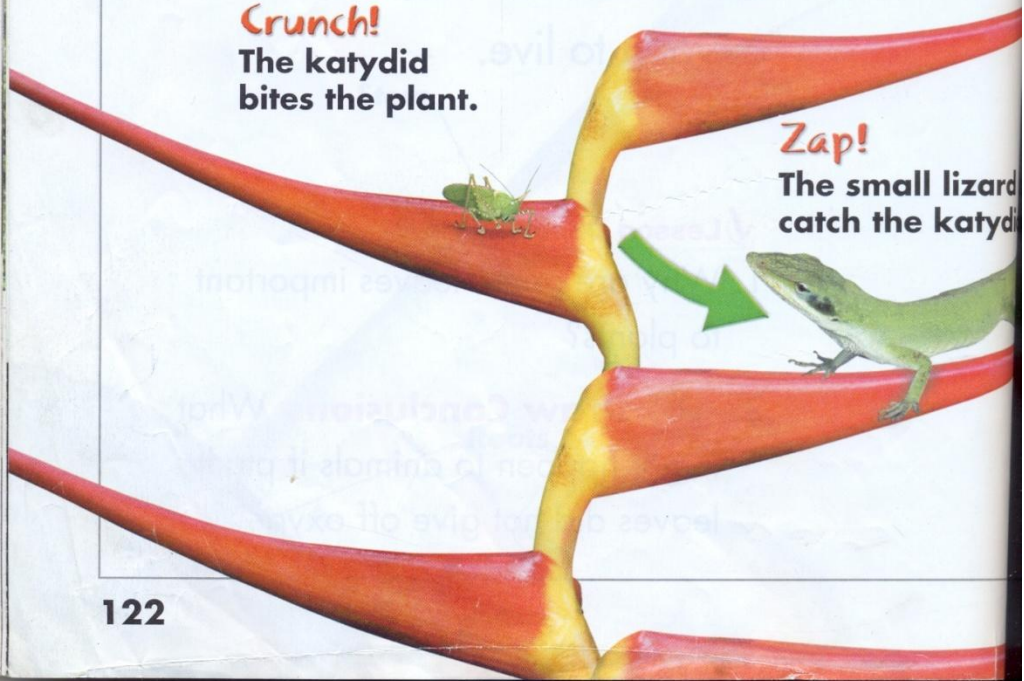
The lizard eats the katydid for food.

Crunch!

The katydid bites the plant.

Zap!

The small lizard catches the katydid.



The plant makes food.
The katydid eats the plant.
The lizard eats the katydid.
The bird eats the lizard.
The hawk eats the bird.

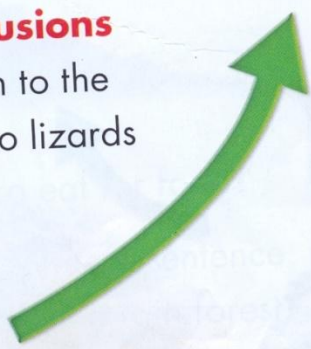
Swoop!

The bird will catch the small lizard.

The bird sees the lizard.
The hungry bird eats the lizard for food.



1. **✓ Checkpoint** What does the katydid eat for food?
2. **🎯 Draw Conclusions** What might happen to the bird if there were no lizards to eat?





Food for Animals

The hungry tayra spots the bird.
The tayra will catch the bird.
The tayra will eat the bird for food.

Pounce!

The tayra will
leap at the bird.



The plant makes food.
The katydid eats the plant.
The lizard eats the katydid.
The bird eats the lizard.
The tayra eats the bird.

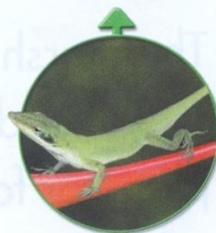
This is called a **food chain**.
All living things are connected
through food chains.



Tayra



Bird



Lizard



Katydid



Plant takes
in sunlight

✓ **Lesson Checkpoint**

1. What does the tayra eat for food?
2. **Writing in Science** Write a sentence about the food chain in a rain forest.



Lesson 3

How do living things get food in a marsh?

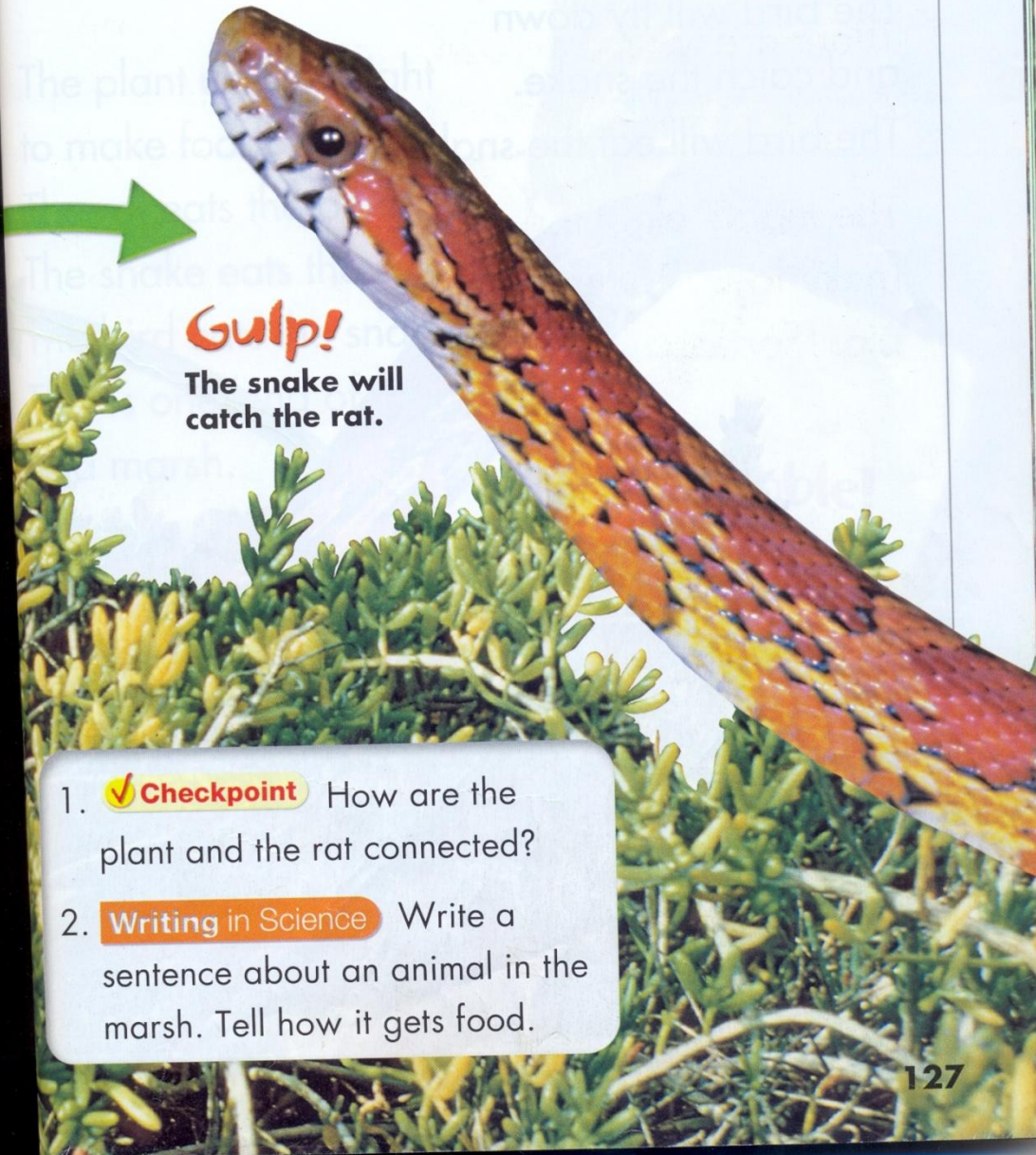
There are food chains in a marsh.

A **marsh** is a wetland habitat.

The marsh plant uses sunlight to make food. The rat will eat the plant for food.



The hungry snake slithers toward the rat.
The snake will eat the rat for food.



Gulp!

The snake will
catch the rat.

1. **✓ Checkpoint** How are the plant and the rat connected?
2. **Writing in Science** Write a sentence about an animal in the marsh. Tell how it gets food.



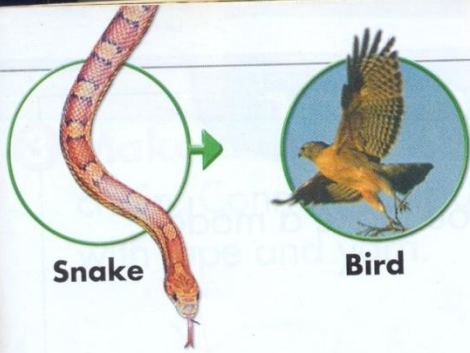
Finding Food

The bird is hungry.
The bird sees the snake.
The bird will fly down
and catch the snake.
The bird will eat the snake.



Plant takes
in sunlight





The plant uses sunlight to make food.
The rat eats the plant.
The snake eats the rat.
The bird eats the snake.
This is one kind of food chain in a marsh.

Nibble, nibble!

The bird will eat the snake for food.

✓ **Lesson Checkpoint**

1. How do animals in a marsh get food?
2. **Math in Science** Put the marsh food chain in order. Use words such as *first* and *second*.