

# McGraw-Hill Reading WonderWorks

## Interactive Worktext



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Education





# Talk About It

Weekly Concept **New Ideas**



## Essential Question

What ideas can we get from nature?



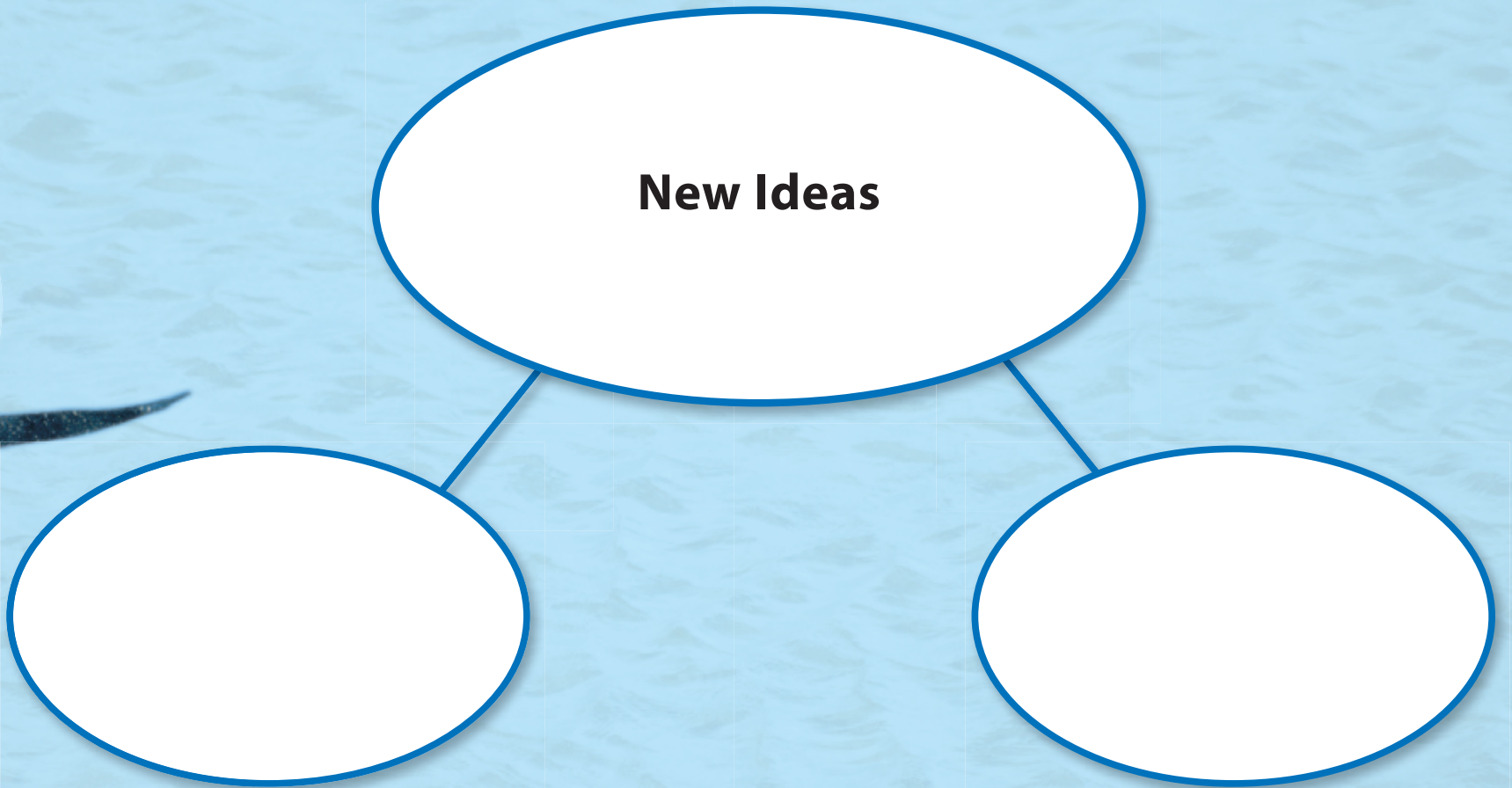
**Go Digital!**







Write words that tell why nature is a good place to get new ideas.



Describe a new idea that was inspired by nature.



# Vocabulary



Work with a partner to complete each activity.

## 1 example

Write one *example* of how you like to spend your free time.

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## 2 identical

All of the eggs in a carton look *identical*, or exactly alike. List two more things that look *identical*.

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## 3 imitate

Act out something you do at school. Have your partner *imitate*, or copy, what you act out. What word helps you know what *imitate* means?

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## 4 model

Harry built a *model* of the solar system. What can Harry learn from his *model*?

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## 5 observed

**I *observed* the spider in its web.**

Read the sentence above out loud. What is another word for *observed*?

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## 6 material

Circle one *material* you might use to build a tree house.

paper

wood

cloth



**7 effective**

Another word for *effective* is useful.  
Circle two more synonyms for *effective*.

hard                      good                      helpful

**8 similar**

Draw two things that look *similar*.



## High-Frequency Words

► Read each word. **Spell** each word.  
**Write** each word.

away \_\_\_\_\_

eat \_\_\_\_\_

good \_\_\_\_\_

other \_\_\_\_\_

out \_\_\_\_\_

use \_\_\_\_\_

**Read the story. Circle high-frequency words.**

Barry saw a big fish try to eat a small fish. The small fish swam away. It hid under a rock and did not come out. Barry thought that was a good idea.





[illegible]

# BATS DID IT FIRST



## Essential Question

## What ideas can we get from nature?

Read about how bats inspired  
a new invention.



# Text Evidence

## 1 Expand Vocabulary

Reread the first paragraph.  
**Circle** the words that help you figure out what **inspiration** is.

## 2 Comprehension Main Idea and Key Details

**Underline** two details in the first paragraph that tell about how many inventors and scientists get new ideas.

## 3 Comprehension Main Idea and Key Details

Reread the key details. What do they have in common?

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What is the main idea?

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Nature is full of great ideas. Many inventors and scientists go outside to get **inspiration**. They can **imitate**, or copy, what they see in nature.

One great invention was inspired by bats. It's a special cane. It helps blind people get around.

**This boy is blind. He uses a special cane to help him get around.**





# Text Evidence

## 1 Expand Vocabulary

What word helps you figure out what **locate** means?

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## 2 Comprehension

### Main Idea and Key Details

Reread “Canes Lead the Way.”  
**Underline** key details that tell how blind people use canes. What do the key details have in common?

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## 3 Sentence Structure **ACT**

Reread the third paragraph.  
**Circle** one sentence the author uses to get you to keep reading.

### Canes Lead the Way

Many blind people use canes. They tap their canes on the ground in front of them. This helps them **locate**, or find, things. Canes help them move around safely.

The new cane is different. It sends out sound waves, or signals. These signals are almost **identical** to the ones bats use when they fly.

### How Bats Get Around

The scientist that came up with the new cane **observed** the way bats fly. The bats make sounds that people can’t hear. These sounds help bats get around. Here’s how it works.



Bats send sound waves out their mouth or nose. These sound waves hit objects. Then they bounce back as an echo. The echo tells the bats how far away an object is. This helps bats find bugs to eat. It also keeps bats from bumping into trees and other bats.

## Text Evidence

### 1 Comprehension Main Idea and Key Details

**Underline** key details that tell how bats use sound waves to get around.

### 2 Comprehension Main Idea and Key Details

Reread the key details. Think about what they have in common. Write the main idea.

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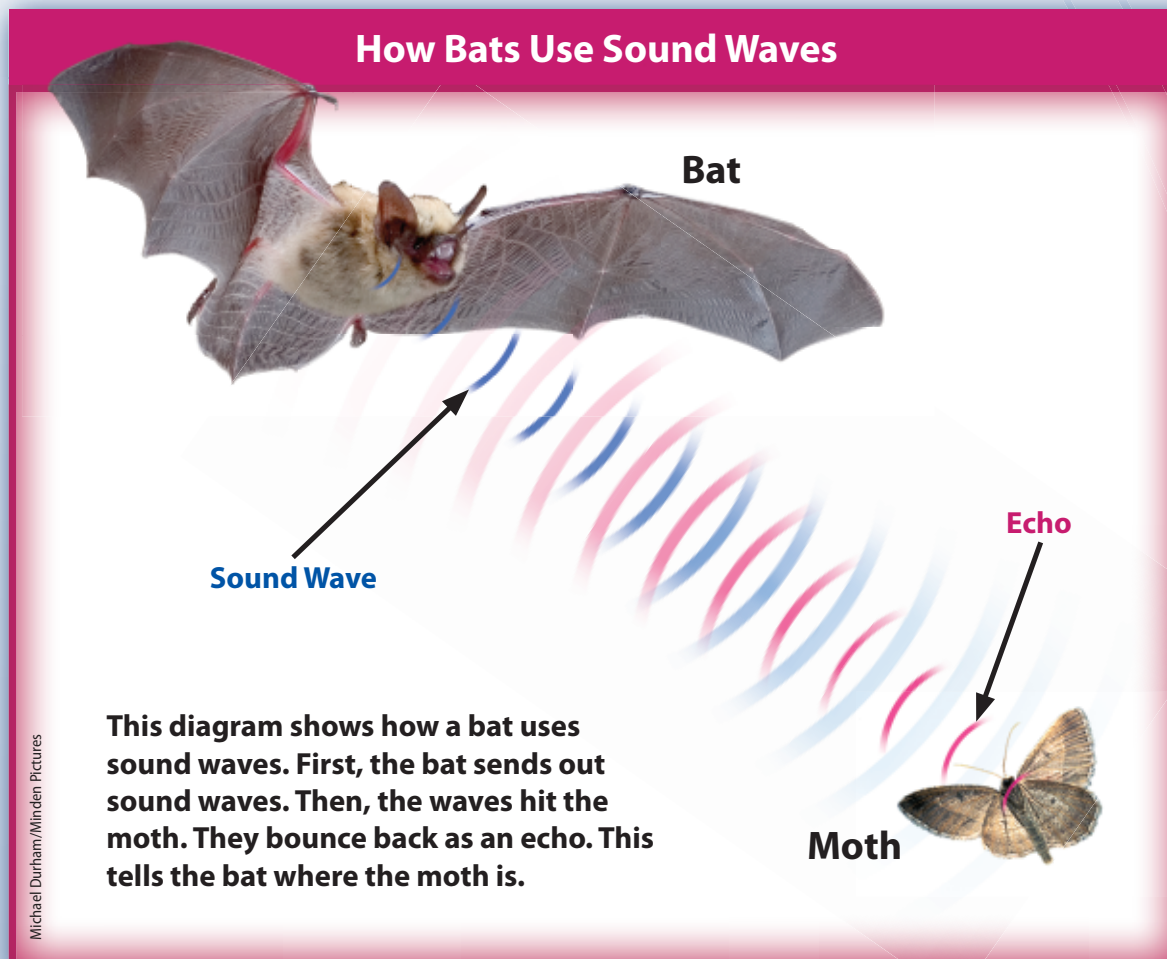
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### 3 Sentence Structure **ACT**

Reread the caption. What happens after bats send out sound waves?

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# Text Evidence

## 1 Expand Vocabulary

Reread the first paragraph.

**Draw a box** around a synonym for **ordinary**.

## 2 Sentence Structure ACT

Reread "A Batty Idea." **Circle** the sentence that shows what the author thinks of the new cane.

What does the author think about the new cane?

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## 3 Comprehension Main Idea and Key Details

Reread the second paragraph. **Underline** key details that tell about how the cane works. Write the main idea.

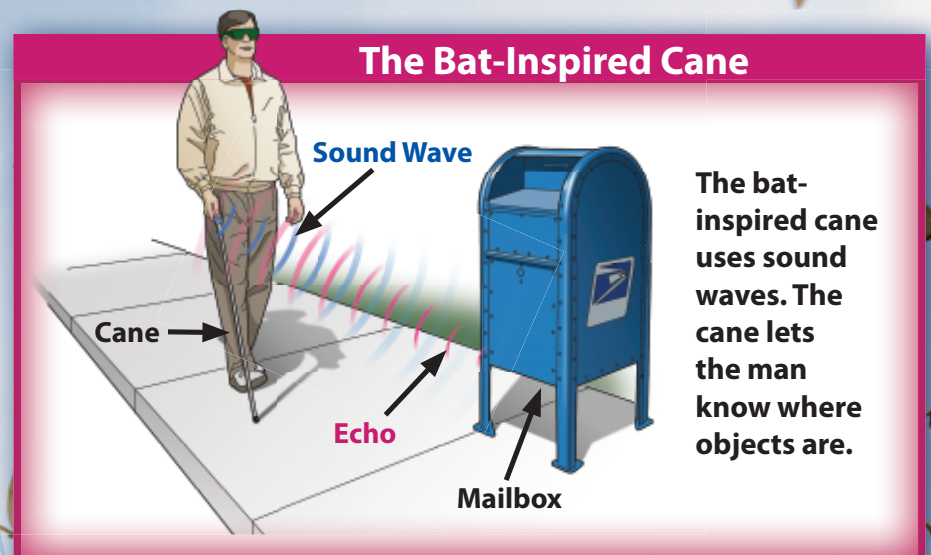
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## A Batty Idea

The scientist who invented the new cane observed bats. The new cane used a **similar** idea. He started with an **ordinary** white cane. He made a **model** of the simple cane. Then he built a cane that was light and strong. He added sound waves. Last, he tested the cane. It worked!

## How the Cane Works

The handle of the cane sends out signals. The signals bounce off objects. Then an echo bounces back to the cane. This causes the handle to shake. The person knows how far away and how big an object is.





# Text Evidence

Some **amazing** and wonderful ideas come from nature! This cane is a good **example**.

This scientist is studying bats.

## 1 Expand Vocabulary

Draw a **box** around a word that means almost the same as **amazing**.

## 2 Sentence Structure **ACT**

What words does the author use to show what he thinks about the new cane?

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## 3 Comprehension Main Idea and Key Details

Reread key details in the selection. Use what they have in common to tell the main idea of "Bats Did It First."

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# Respond to Reading



## Discuss

Work with a partner. Use the discussion starts to answer the questions about “Bats Did It First.” Write the page numbers.

### ? Questions

### Discussion Starters

### Text Evidence

1 How do scientists get ideas from nature?

- ▶ Many inventors ...
- ▶ They ...
- ▶ I read that ...

Page(s): \_\_\_\_\_

2 How did bats inspire a cane to help blind people?

- ▶ Scientists ...
- ▶ When bats fly, they ...
- ▶ I read that ...

Page(s): \_\_\_\_\_

3 How does the new invention work?

- ▶ The handle of the cane ...
- ▶ The person ...
- ▶ I know this because ...

Page(s): \_\_\_\_\_







**Write** Review your notes. Then use text evidence to answer the question below.



What is one idea that comes from nature?

One idea that comes from nature is \_\_\_\_\_

\_\_\_\_\_

\_\_\_\_\_

A scientist \_\_\_\_\_

\_\_\_\_\_

The cane \_\_\_\_\_

\_\_\_\_\_

\_\_\_\_\_

It helps people because \_\_\_\_\_

\_\_\_\_\_

\_\_\_\_\_



# Write About Reading



Shared Read

## Read an Analysis Main Idea and Key Details

Read Ellen's paragraph about "Bats Did it First." She analyzes whether the author uses enough key details to tell the main idea.

### Student Model

In "Bats Did it First," the author uses many key details that go together to help me figure out the main idea. In the section "How the Cane Works," I read that that the cane's handle sends out signals. They bounce off objects and make the handle shake. This warns people. The author gives enough key details to help me figure out that the main idea tells how the new cane works.

### Topic Sentence

**Circle** the topic sentence. What does Ellen tell?

### Evidence

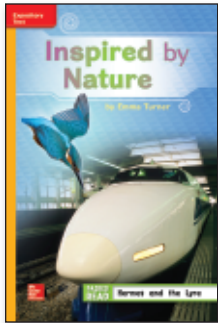
**Draw a box** around the text evidence. Is there any other evidence in the selection Ellen can tell about?

### Concluding Statement

**Underline** the concluding statement. Why is it a good way to end the paragraph?







Leveled Reader

## Write an Analysis Main Idea and Key Details

Write about “Inspired by Nature.” Do you think the author uses enough key details to support the main idea of Chapter 1?

In \_\_\_\_\_

I think the author uses enough key details to

show \_\_\_\_\_

For example, the author says that \_\_\_\_\_

The author also says that \_\_\_\_\_

I think these details support \_\_\_\_\_

### Topic Sentence

- ☐ Include the title of the text you read.

### Evidence

- ☐ Tell how the author uses key details.
- ☐ Give examples.

### Concluding Statement

- ☐ Restate how the author uses enough key details to tell the main idea.