

>>>>>>> CAUSE & EFFECT

The cause explains WHY something happened

The effect explains what happened.

>>>>>>> CAUSE & EFFECT

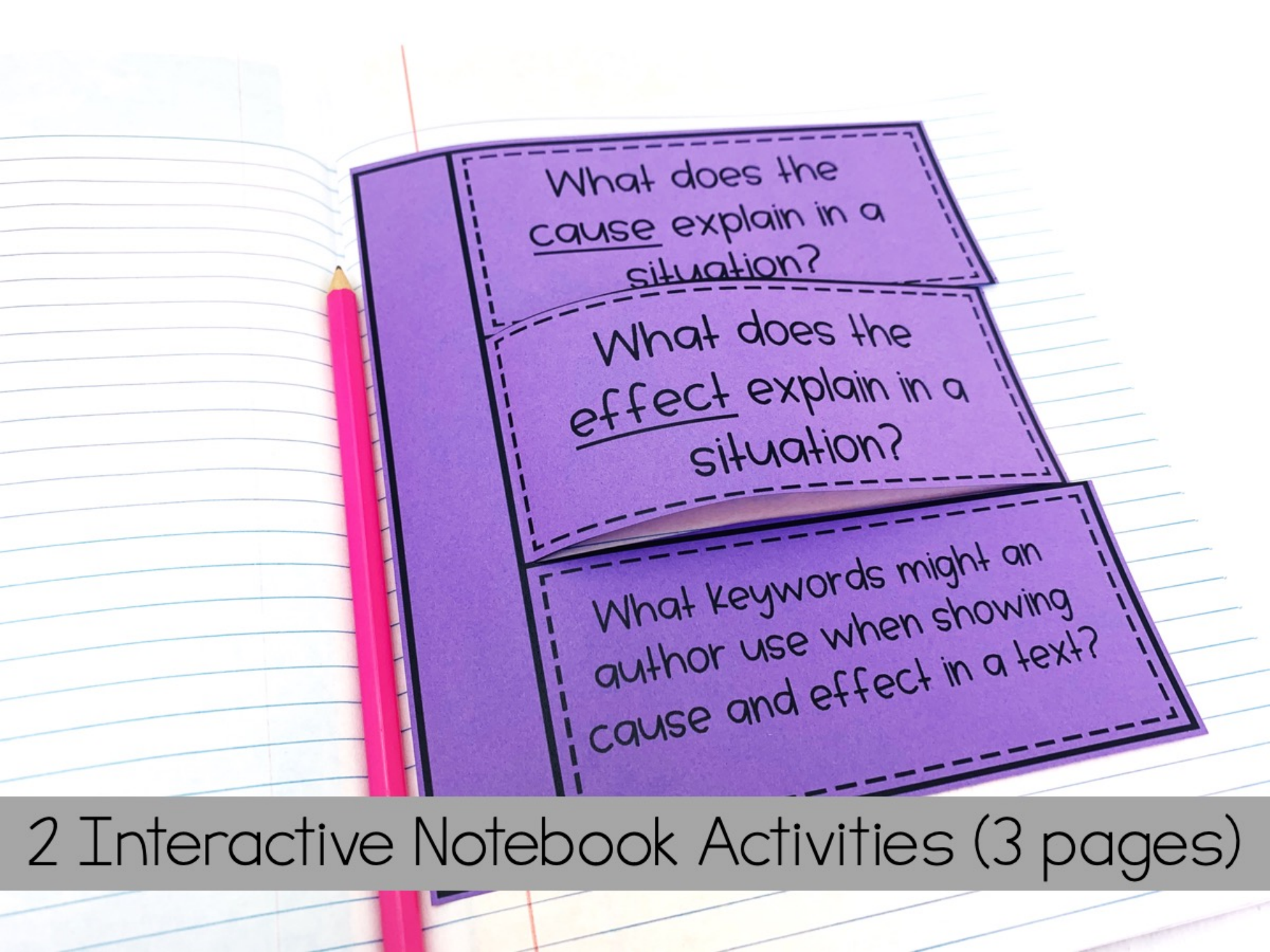
Keywords- because, so, since, if, then, due to, cause, therefore

Whales can stay warm in cold waters because of their blubber.

What is the cause in this sentence?

PowerPoint to Introduce the Skill

Can you spy a keyword to help you identify the cause and effect?



What does the cause explain in a situation?

What does the effect explain in a situation?

What keywords might an author use when showing cause and effect in a text?

2 Interactive Notebook Activities (3 pages)

Cause and effect

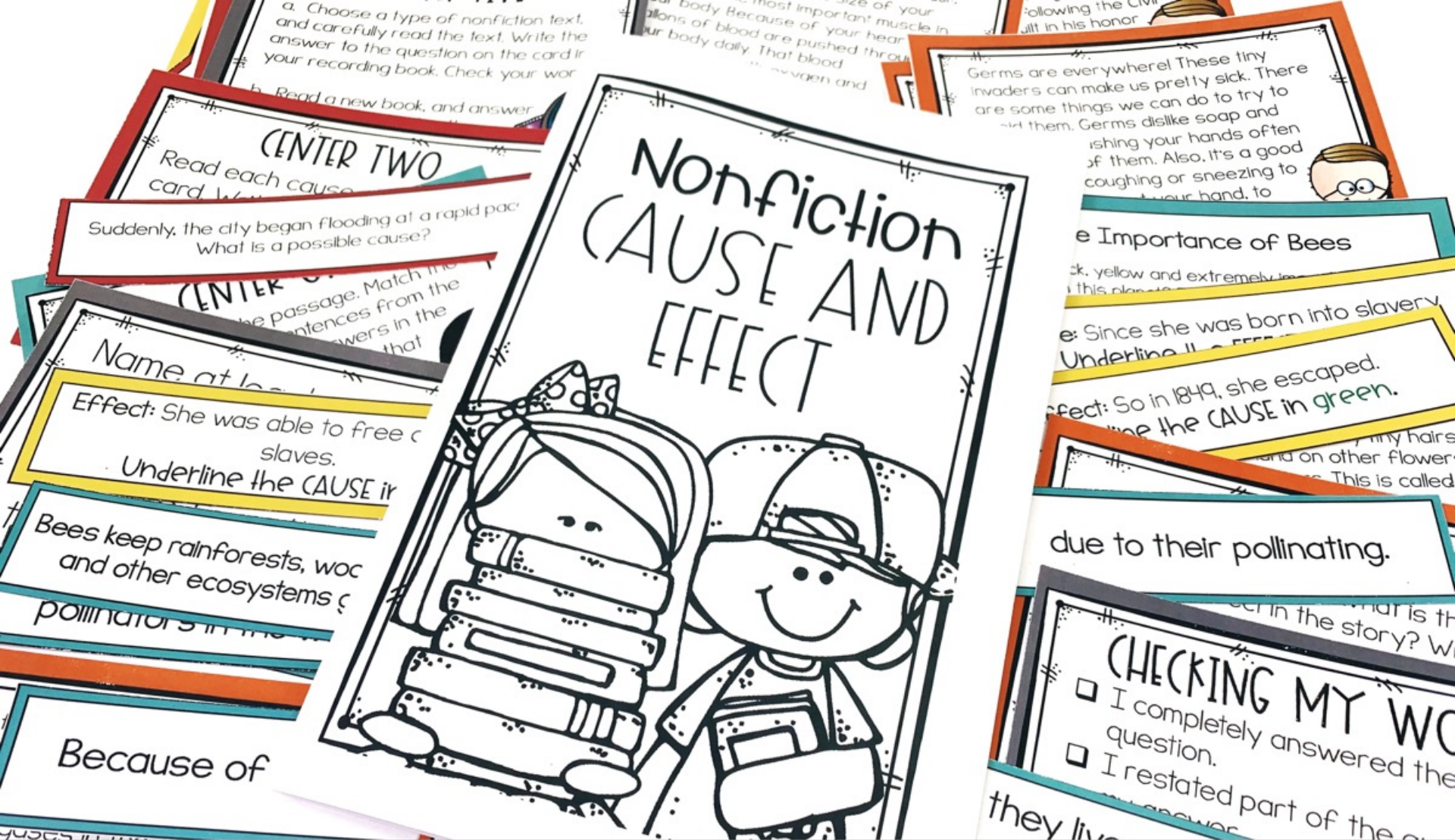
when one thing happens because of another

Did you know that each time you play on the playground, science is taking place? This science is called motion and force.

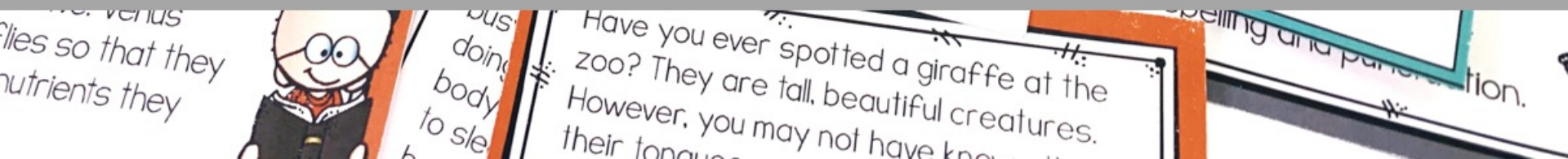
Think about all of the things that you see happening on the playground. Children are swinging, playing tag, climbing monkey bars, or jumping rope. Things on the playground are constantly in motion. Motion is movement from one place to another. On the swings we go back and forth. In tag, we are moving from one place to another. The same thing goes for when we are climbing monkey bars.

However, there is something that is causing us to move. When we are climbing on the monkey bars, we are pulling ourselves up. When we play tag, we push our bodies to tag our friends. When we swing, we push and pull our feet to go faster. This pushing and pulling is called force. Because we push or pull something, it moves. This force and motion is all part of science!

What was a cause in this text?



5 Centers with a Recording Book





1 MATCHING- CAUSE & EFFECT

Cause- WHY did this happen?	Effect- WHAT happened?
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2 POSSIBLE CAUSE AND EFFECT

1

2

3

4

The Importance of Bees

What's black, yellow and extremely important to our survival on this planet? You're right! Many important these little insects.

Bees are very hard workers. One of the ways they help humans is by pollinating our plants. To pollinate plants, bees fly from flower to flower. The pollen from the flowers is carried on their legs. When the bees land on a new flower, the pollen falls off onto the flowers. This is called fertilization. Because of fertilization, fruits can develop.

Bees are responsible for all types of fruits as well. Bees keep rainforests, and other environments going due to their work. Since they live on almost every continent, they are the biggest pollinators in the world.

The next time you are playing outside and a bee is buzzing around, don't harm or swat at it. These bees give us the food that we eat every day. Thank the bee for its hard work.

Since they live on almost every continent,

they are the biggest pollinators in the world.

fruits can develop.

due to their pollinating.



1 MATCH
Cause-
WHY did this happen?
Effect-
WHAT happened?

2 POSSIBLE CAUSE OR EFFECT
1

Suddenly, the city began flooding at a
What is a possible cause?


Huge dark gray clouds move in
What is a possible

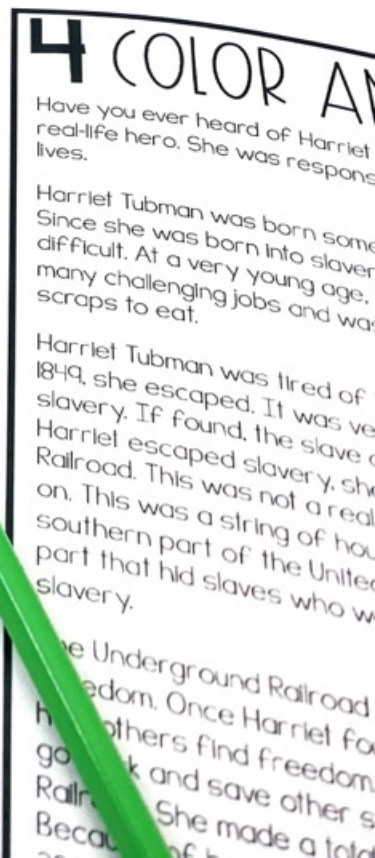
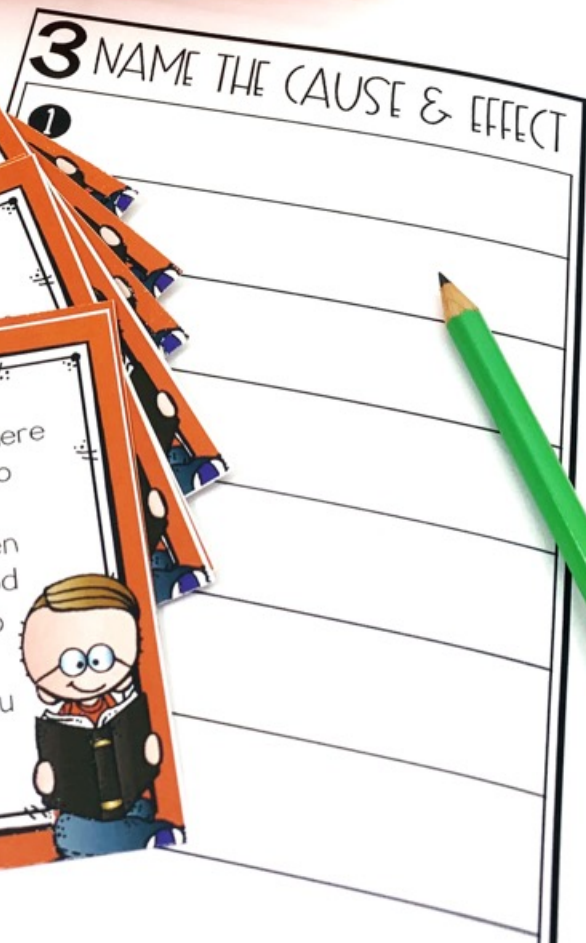
The caterpillar's cocoon begins to
crack open.
What is a possible effect?

The herd of elephants drink for a long time
watering hole.
What was the possible cause?

CHECKING MY WORK

- I completed each statement in the form of a sentence.
- My cause or effect makes sense for the given situation.
- I edited my work for spelling and punctuation.







NAME THE CAUSE & EFFECT

4 COLOR ANSWERS

Have you ever heard of Harriet Tubman? She was a real hero. She was responsible for saving many

Harriet was born sometime in 1820 as a slave. She was born into slavery, her life was very hard. At a young age, she was forced to do hard jobs and was often only given table

Harriet was tired of her life as a slave, so in 1849 she escaped. It was very dangerous to escape slavery, she found the Underground Railroad. The slave could be killed. Because of the Underground Railroad, she found a way to travel through a network of houses that went from the South to the North. She made a total of 18 trips back to the South. Because of her bravery, she was able to free around



Effect: She found the Underground Railroad.

Since she was born into slavery.

Effect in purple.

Effect in blue.

Effect: She was able to free around 300 slaves.

Underline the CAUSE in red.

Railroad helped Harriet Tubman find freedom, she wanted to help others find freedom, too. Harriet risked her life to go back and save other slaves using the Underground Railroad. She made a total of 18 trips back to the South. Because of her bravery, she was able to free around

5a READING RESPONSE

Book: _____

5b READING RESPONSE

Book: _____

CENTER FIVE

- Choose a type of nonfiction text, and carefully read the text. Write the answer to the question on the card in your recording book. Check your work.
- Read a new book, and answer the same question for the second book.



CHECKING MY WORK

- I completely answered the question.
- I restated part of the question in my answer.
- I used evidence from the text to prove my answer.
- I edited my work for spelling and punctuation.

Name at least one cause and effect from the text. Give evidence from the text to prove your answer.



Volcanoes

Cause and Effect Nonfiction

Did you know that there are more than 1,500 of these volcanoes over the world? More than 20 of volcanoes were formed?

Manta Rays

Cause and Effect Nonfiction

When you think of ocean animals, what animals come to your mind? Most people think of sharks, dolphins, or whales. While those animals are popular sea animals, many do not think of the very intelligent manta ray. The manta ray has many unique adaptations, or things that help it survive.

Manta rays are marine fish that live in tropical and subtropical waters. They are mostly dark gray or black on their backs and have white or light colored bellies. Since their backs are dark, they blend in with the colors of the ocean when animals are looking down on them from the sky. Manta rays also blend in with the ocean's surface with their light colored belly. This makes it hard for predators, like sharks, to see them when looking up toward the surface. This two-color camouflage is called countershading.

Manta rays have large flat bodies. They also have wing-like fins so that they can glide above coral reefs and through the ocean waters easily. Like fish, manta rays also have five gill slits on the undersides of their bodies. Because of these gills, they are able to breathe underwater. They push the water over their gills as they swim with their open mouths. Using their gills this way makes them different than most other sea animals that have gills.

Next time you think of an ocean animal, you may just think of the easy gliding, peaceful creature manta ray. You might get the chance to touch one or maybe even swim with one.

The Civil War

Cause and Effect Nonfiction

Have you ever heard of the Civil War before? You can find books in the library and plenty of information about it, and it's a huge part of how America has become what it is today. However, do you know when the Civil War started and why?

There were many causes that led to the start of the Civil War, but the main cause was due to slavery. In the 1800s, the United States was divided on how they felt about owning slaves. The northern states believed that slavery was wrong and cruel. Slaves were often mistreated and sold away from their families. The southern states believed that they needed their slaves. The farmers in these states had big farms and they relied on slaves to help them harvest, or gather, the crops. The southern states wanted to continue running their farms successfully. The southern states no longer wanted to be part of the United States, so they seceded, or separated themselves, from the

United States. He was elected president. He was against slavery and pushed to bring the Civil War to an end. The southern states resisted against this, and thus began the Civil War. It was the most violent war in American history and lasted five years. In the end, the northern states won the Civil War, slavery was abolished, and the nation came back together. In the right direction to the future.

- Why did the southern states secede from the United States?
- The farmers had big farms and they relied on slaves to help them harvest the crops.
 - The farmers had big farms and they relied on slaves to help them harvest the crops.
 - They wanted to be independent.
 - none of these.

3 Passages/Assessments

1. What is the main idea of the passage?
 - a. They can glide easily.
 - b. They are intelligent.
 - c. They help chew their food.
2. Underline the sentence that tells the cause of the manta ray's camouflage.

3. Explain the effect of the manta ray having gills.
