

Name _____

Read the passage. Use the ask and answer questions strategy to be sure you understand what you read.

Victor Ochoa's New Idea

11 Have you ever made something that no one else had made
12 before? It is not an easy thing to do. People who make something
24 new are called inventors. They look around and see what can
35 be made better and then they do it! Victor Ochoa was one of
48 those people. He made many things. One of them was a flying
60 machine. Victor looked at birds to get his ideas. He wanted to
72 learn everything about how birds flew.

78 Many Jobs

80 Victor was born in Mexico in 1850 and grew up in Texas. He
93 lived all over the United States. He loved to work with writers.
105 He wrote for newspapers. He even started two new papers. He
116 worked hard and never gave up, no matter how hard the job was.

129 A New Plane

132 Victor's mind was a motor that never turned off. He was
143 always thinking of new ways to make life better. In 1908, he was
156 thinking about the way that birds fly. He thought that he could
168 make a plane that flew like a bird. So he set to work.

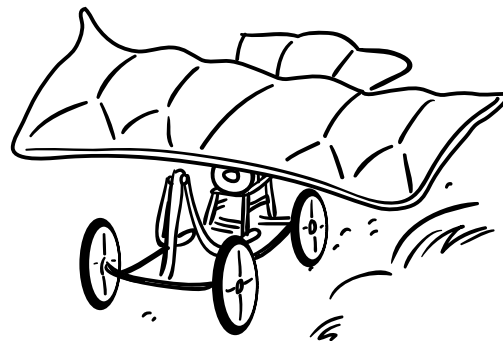
Name _____

The center of the plane was made of two bikes set next to each other. It looked a little like a car. It had a small motor that sat between the two bikes. The back was shaped like a bird's tail. The wings were made of canvas and steel pipes. What made this plane different was that the wings could be folded down just like a bird's wings. This was so it could be put in a small shed or barn. This way, everyone could keep a plane at a house or on a farm.

Victor started a company that would make this new plane. He asked the Navy to use his new plane. He wrote the Navy a letter telling them why he thought his plane would be just what they needed. He worked very hard to make his plane work. He worked on it for over twenty years. No one knows if it ever flew.

Other New Ideas

Victor did not let this problem keep him from making other things. Making new things from new ideas was the blood in his veins. He made a new pen that held its own ink. Another thing he came up with was a motor that worked both forward and backward.



Victor Ochoa's plane was made of two bikes.

Never Give Up

Victor was a spinning top. He was always making new things. He wanted to help other people with his ideas. Not all of his ideas worked. No one who tries something new is successful every time, though. The important part is to keep trying. Victor Ochoa was someone who never stopped trying.

Name _____

A. Reread the passage and answer the questions.

1. What was the cause of Victor’s actions in the third paragraph?

2. What effect did this cause have on Victor?

3. What kinds of things did Victor invent to make life better?

B. Work with a partner. Read the passage aloud. Pay attention to expression. Stop after one minute. Fill out the chart.

	Words Read	-	Number of Errors	=	Words Correct Score
First Read		-		=	
Second Read		-		=	

Name _____

Read the selection. Complete the cause and effect graphic organizer.

Cause	Effect
<p>First</p>	<p style="text-align: center;">→</p>
<p>Next</p>	<p style="text-align: center;">→</p>
<p>Then</p>	<p style="text-align: center;">→</p>
<p>Finally</p>	<p style="text-align: center;">→</p>

Name _____

design	simple	investigation	encouraged
substitutes	quality	examine	solution

Use a word from the box to answer each question. Then use the word in a sentence.

1. What is another word for *a careful search for something*?

2. How might you describe a product that is well made? _____

3. What word might describe an answer to a problem? _____

4. What would you be doing if you were to create a plan? _____

5. When you inspect something closely, what do you do? _____

6. What is another word for *given hope to do something*? _____

7. What do you call things that take the place of other things?

8. What is another word for *easy*? _____
