

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*? _____

Name _____

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

Cause	Effect
First	
Next	
Then	
Finally	

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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
13 new are called inventors. They look around and see what can
14 be made better and then they do it! Victor Ochoa was one of
15 those people. He made many things. One of them was a flying
16 machine. Victor looked at birds to get his ideas. He wanted to
17 learn everything about how birds flew.

78 Many Jobs

80 Victor was born in Mexico in 1850 and grew up in Texas. He
81 lived all over the United States. He loved to work with writers.
82 He wrote for newspapers. He even started two new papers. He
83 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
133 always thinking of new ways to make life better. In 1908, he was
134 thinking about the way that birds fly. He thought that he could
135 make a plane that flew like a bird. So he set to work.

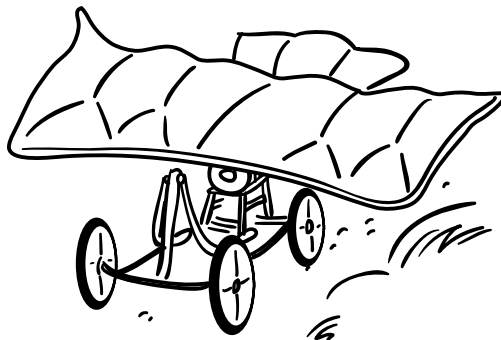
Name _____

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?

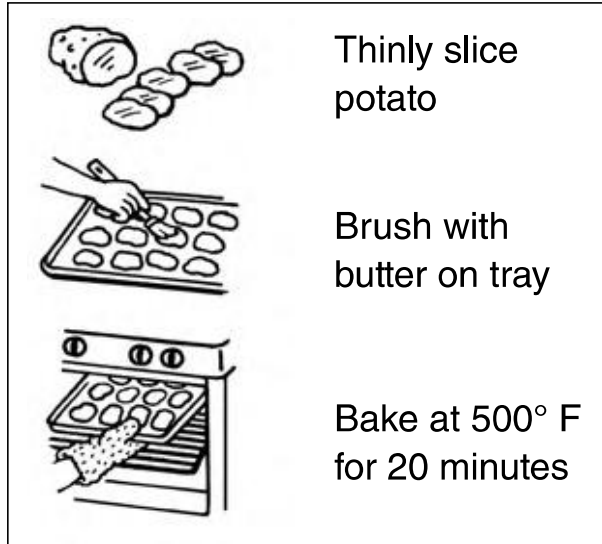
B. Work with a partner. Read the passage aloud. Pay attention to expression. Stop after one minute. Fill out the chart.

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

Name _____

George Crum's Potato Chip

George Crum was born in 1822. Later on in life, he became the chef at Moon's Lake House in Saratoga, New York. One day in 1853, a customer ordered french-fried potatoes but sent them back to the kitchen. He said they were too thick and soft. Annoyed, Crum sliced some potatoes very thin and fried them crispy. They were great! George Crum had invented the potato chip.



Thinly slice potato

Brush with butter on tray

Bake at 500° F for 20 minutes

Answer the questions about the text.

1. How do you know this text is a biography?

2. What text feature does this text include?

3. What does the diagram show you? What title would you give this diagram?

4. How can you tell that the events in the text are in the order that they happened?

Name _____

A. Read each sentence from the passage. Then write what two things are being compared in the metaphor on the lines.

1. Victor's mind was a motor that never turned off.

2. Making new things from new ideas was the blood in his veins.

3. Victor was a spinning top.

B. Reread the passage. Use what you have learned to write two metaphors based on the life of Victor Ochoa.

1. _____

2. _____

Name _____

A. Read each sentence. Circle the word that has a long a sound spelled *ai*, *ay*, or *eigh*. Write the word on the line and underline the long a spelling.

1. The snail left a slimy path across the sidewalk. _____
2. The wind caused the trees to swa wildly. _____
3. The farmer planted the grain to grow wheat. _____
4. Please wei h the apples because we need two pounds. _____
5. My new winter coat is gray and blue. _____

B. Read each sentence and circle the plural nouns. Underline the -s or -es ending in each plural word.

1. The girls found many seashells on the beach.
2. The artist bought new oils and paintbrushes.
3. The boys helped me stack the boxes.
4. I wrote the addresses on each of the pages.
5. She won free passes to all the games.
6. The camels have long eyelashes.

Name _____

Evidence is details and examples from a text that support a writer's ideas. This student wrote about how the author uses text features.

Topic sentence	→	In "Victor Ochoa's New Idea," the author uses text features to help readers understand the topic better.
Evidence	→	Headings tell me how the information is organized. For example, the heading "Many Jobs" tells about some of the jobs Victor had. It organizes the information about his life. The picture of Victor's plane and its caption give extra information that
Concluding statement	→	is not in the text. In this selection, the author uses text features to organize and give more information about the topic.

Write a paragraph about a story you read. Find text evidence to show how the author uses text features. Use text evidence to support your ideas.

Write a topic sentence: _____

Cite evidence from the text: _____

End with a concluding statement: _____

Name _____

A. Read the draft model. Use the questions that follow the draft to help you think about how you can use time-order words and phrases in your writing.

Draft Model

Benjamin Franklin was a great inventor. One important invention of his was the lightning rod. He invented bifocal glasses to help people see.

1. What was the first invention that Franklin created?
2. What time-order words and phrases would help put the events of Franklin's life in order?
3. What was the later invention that Franklin created?

B. Now revise the draft by adding time-order words and phrases to help readers follow events.
