

Name: _____ Date: _____

Constructing a Response

Directions: Read "Drone to the Rescue" and complete the activity on page 23. Then follow the steps below to write a response to the question on page 23.

→ See *Scope's* "How to Answer a Constructed-Response Question" for tips and information about how to complete this activity.

Question from page 23:
How will drones shape our future society?

Step 1: Write your claim.

Complete the sentences below to write your claim in response to the question.

Drones will shape our future society by _____

_____.

Step 2: Provide text evidence with commentary.

Write two details from the article that support your claim. You can write them in the form of direct quotations or paraphrases. Include a citation for each detail. Explain how each detail supports your claim.

Detail 1: _____

Sentence explaining how this detail supports my claim: _____

Detail 2: _____

Sentence explaining how this detail supports my claim: _____

Step 3: Write a conclusion.

Wrap it all up. End your paragraph with a strong sentence that will give your readers something to think about. One option is to refer to your central claim. Or come up with an idea of your own!

Now it's time to put it all together. And guess what? You've already done the hardest part! All that's left is to take what you just wrote and put it together into one flowing paragraph. Write your final response on a separate sheet of paper.

Remember to:

- Use transitions between sentences.
- Read your paragraph to make sure your ideas are clear. Revise as needed.
- When you are satisfied with your paragraph, read it again to make sure there are no spelling or punctuation mistakes.

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Go to Scope
Online to listen
to the words
and definitions
read aloud.

Vocabulary:

"Drone to the Rescue"

1. aerial (AIR-ee-uhl) *adjective*; Things that are aerial exist in or move through the air. Airplanes are a form of aerial transportation, birds are aerial creatures, and the flips and twists that snowboarders perform are aerial tricks.

2. nano (NA-noh) *prefix*; *Nano* means "very, very tiny." *Nano* is often used to form compound words such as *nanotechnology* (technology that deals with extremely tiny things). When *nano* is used in the name of a unit of measure, it has the specific meaning of "one-billionth." So a nanometer is one-billionth of a meter.

3. potential (puh-TEN-shuhl) *adjective or noun*; As an adjective, *potential* means "possible, or capable of becoming real." If someone is a potential candidate for president, he or she *might* become a candidate for president but is not in the race yet. The potential side effects of a medicine—like making you tired or dizzy—are side effects that the medicine *could* cause.

As a noun, *potential* can mean "an ability that can lead to success or excellence." If you have potential as a piano player, you have skills or natural talent that can carry you to greatness (if you keep practicing). *Potential* can also mean "the chance or possibility that something will develop and become real." Icy roads increase the potential for car accidents.

4. frontier (fruhn-TEER) *noun*; *Frontier* has several meanings related to the idea of a boundary:

1. a border between two countries

We stopped at a restaurant on the frontier between the U.S. and Canada.

2. an unexplored, unoccupied area of land

In the early 1800s, Lewis and Clark explored the western frontier of America.

3. the limits of knowledge in a particular field; the border between what is known and what is not known; the most advanced or recent ideas about something

The doctor's incredible discovery pushed back the frontiers of medicine.

Directions: On the back of this page, list any other words from the article whose definitions you are not sure about. For each word, use context clues to try to figure out the meaning. Then look up the word in a few different dictionaries. Discuss the primary meaning of the word with your teacher or another adult. Then write a definition for the word and one example sentence using the word.

Vocabulary Practice

"Drone to the Rescue"

Directions: Below are titles and summaries for imaginary books. Choose the best title for each book. Briefly explain your choices. (There's one title you will not use.)

BOOK TITLES

- A. *Nano World*
- B. *The Last Frontier*
- C. *A Potential Threat*
- D. *Aerial Magic*

1. Melissa Simmons is amazed to discover an entire civilization of extremely tiny people living in the old barn on her grandparents' property.

Title (A-D): _____ Why I chose this title: _____

2. After Aaron and his mother move into a new house, he quickly realizes the house is haunted. Aaron is terrified—but the fact is, the ghost just wants Aaron's help.

Title (A-D): _____ Why I chose this title: _____

3. This stunning collection of photographs features trapeze artists from around the world.

Title (A-D): _____ Why I chose this title: _____

Directions: Answer each question below.

4. Your soccer coach says your team has the potential to win the championship game. What does he mean?

- Ⓐ He thinks it's possible for your team to win the championship game.
- Ⓑ He thinks a win for your team is unlikely.

5. Which is likely the definition of *aerial photography*?

- Ⓐ the taking of photographs from an airplane or other flying object
- Ⓑ the process of taking photographs while underwater

6. Thanks to _____, scientists have developed bandages that contain tiny particles of silver that prevent infection.

- Ⓐ nanotechnology
- Ⓑ frontier

7. Which of these is an aerial creature?

- Ⓐ a worm
- Ⓑ a bee

8. Which of the following words is a synonym of *frontier*?

- Ⓐ bottom
- Ⓑ edge

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“Drone to the Rescue” Quiz

Directions: Read “Drone to the Rescue.” Then answer the questions below.

- The anecdote about the two teens being rescued by a drone contributes to the article by**
 - helping the reader picture what a drone looks like.
 - giving one example of how drones can improve our lives.
 - explaining what a drone is.
 - supporting the idea that drones should be used only for rescues.
- On page 23, the authors write, “But click-worthy videos only scratch the surface of drone potential.” The phrase “only scratch the surface” means**
 - to deal with or cover only a very small part of something.
 - to cause damage to something.
 - to scrape something.
 - to hold something back.
- Which of the following expresses a central idea of the section “From Medicine to Burritos”?**
 - Drones can deliver pizzas and burritos.
 - Drones are no longer expensive.
 - Drones can fulfill many different needs.
 - Drones come in many different sizes.
- On page 23, the authors write, “... not everyone appreciates a buzzing robot interrupting a peaceful afternoon in nature.” This line**
 - supports the idea that the use of drones is widespread.
 - refutes the idea that drones do not belong in nature.
 - supports the idea that the use of drones could be disruptive.
 - tells you that the authors find drones annoying.

Constructed-Response Question

Directions: Write your answer in a well-organized response.

- On page 23, the authors write, “Clearly, drones have a lot to offer.” How well do they support this claim? Use text evidence to support your answer.

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“Drone to the Rescue” Quiz

Directions: Read “Drone to the Rescue.” Then answer the questions below.

1. The author likely included the story about the two teens being rescued by a drone to
 - (A) help the reader picture what a drone looks like.
 - (B) show one way that drones can improve our lives.
 - (C) explain what a drone is.
 - (D) show how dangerous drones are.
2. On page 23, the authors write, “But click-worthy videos only scratch the surface of drone potential.” The phrase “only scratch the surface” means
 - (A) to deal with only a very small part of something.
 - (B) to cause damage to something.
 - (C) to scrape something.
 - (D) to hold something back.
3. Which of the following expresses a central idea of the section “From Medicine to Burritos”?
 - (A) Drones can deliver pizzas and burritos.
 - (B) Drones are cheap.
 - (C) Drones can fulfill many different needs.
 - (D) Drones come in many different sizes.
4. Which line from the article supports the idea that the use of drones could disturb people?
 - (A) “Until recently, drones were used mainly by the military.” (p. 22)
 - (B) “Meanwhile, scientists are working on how to use drones to predict hurricanes and tornadoes.” (p. 23)
 - (C) “. . . not everyone appreciates a buzzing robot interrupting a peaceful afternoon in nature.” (p. 23)
 - (D) “Domino’s has used drones to deliver pizza in New Zealand.” (p. 23)

Constructed-Response Question



Directions: Write your answer in a well-organized response.

5. On page 23, the authors write, “Clearly, drones have a lot to offer.” How well do they support this claim? Use text evidence to support your answer.