

Name: _____ Date: _____

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