

Unit 3

Video

- 1 Before you watch, compare your own abilities with those of an ant. Name something an ant can do and you can not.

- 2 The video you are going to watch is called Smarter by the Swarm. Can you guess what that means? Choose one.

- a) The ability of people to pressure each other into doing something.
- b) Improved knowledge and ability that come when organisms work together.
- c) Ants living in a colony.

- 3 Watch the video. Write **TWO** benefits of ants working together.

Benefit 1: _____

Benefit 2: _____

- 4 After you watch the video check *true* or *false* for each statement.

- 1.- Your brain is about 4,000 times larger than an ant's brain. _____
- 2.- Ants often look lost when they are in large groups. _____
- 3.- Ants leave a scent that sends a message to other ants in the colony. _____
- 4.- Ants can communicate the fastest route to get to a place. _____
- 5.- Companies are mimicking ant behavior to be more efficient. _____
- 6.- These companies learned that ant behavior isn't effective in humans. _____

- 5 What is swarm intelligence? Describe the meaning of this term. Use examples of animals/people in your answer.

Unit 3

Pausing

- 1 Listen. Notice the short pauses between the groups of words that go together.



She's scared of wasps, / so we stayed in.
As a result, / we didn't go hiking.

In writing, pauses are often signaled by punctuation such as commas or periods. But this is not always the case. Listen to this example. Notice the pause.

We stayed in/ because he was scared.

Pausing will help your speech to be clear and easy to understand.

- 2 Listen and repeat. Mark where you hear a pause.

1.- In my class, we often work in groups.



2.- Students work hard, so they should get a break.



3.- When I see a spider, I scream.



4.- I don't like ants because they seem dirty.



5.- I like elephants because they have complex emotions.

