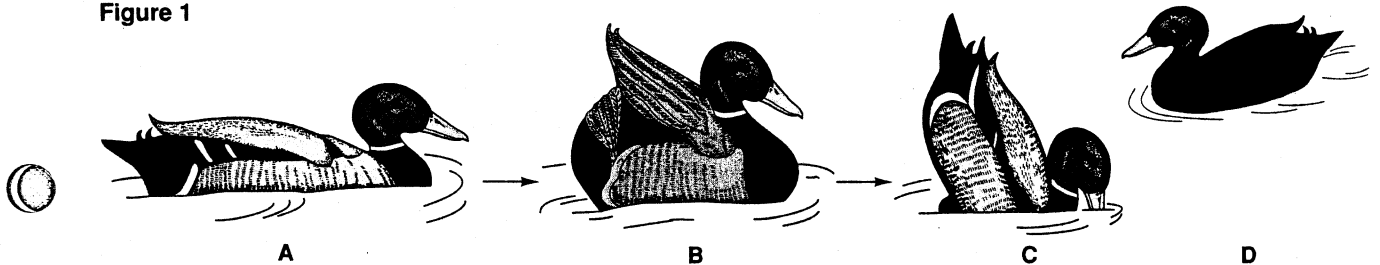


Signals for Survival

Animals communicate with one another for a variety of reasons. The ways in which they communicate are limited only by the kinds of stimuli their senses can detect. In this activity, you will consider various forms of communication displayed by different animals for different reasons.

1. Describe the events that are occurring in Figure 1.

Figure 1

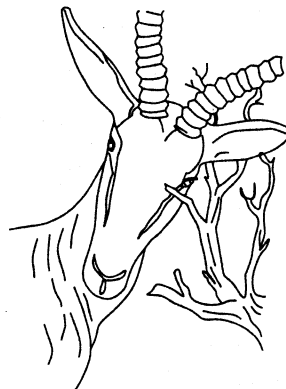


2. What type of signal is being used by the male mallard in Figure 1?

3. What is the reason for the communication between the ducks?

The antelope in Figure 2 is rubbing a twig with a secretion produced by a gland near his eye. Male antelopes will not enter an area where another antelope has already marked the area with his secretion.

Figure 2

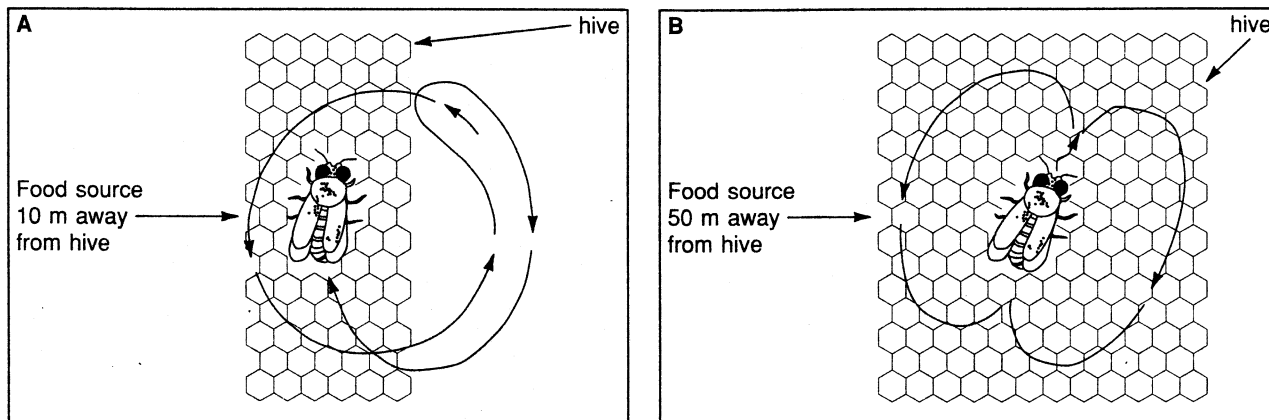


4. What kind of signal is the antelope using?

5. What are the chemicals called that are left on the twigs?

6. What is the reason for the message that is left by the antelope?

Figure 3



7. Describe what is happening in Figure 3? _____

8. What type of signal is being used? _____

9. What is the purpose of the communication taking place in Figure 3? _____

The person in Figure 4 is blowing into a whistle, but does not hear a sound. The dog, however, comes running.

Figure 4



10. What type of signal is being used to attract the dog? _____

Name _____ Class _____ Date _____

11. What does this indicate about the senses of dogs? _____

12. List four types of signals used for communication among animals. _____

13. Describe four reasons why animals communicate. _____
