

Module Assessment, Part 1



Circle the choice that correctly completes the sentence.

- ❶ A bird that eats worms and berries is a(n)
A. herbivore.
B. producer.
C. carnivore.
D. omnivore.
- ❷ Which of the following is produced during photosynthesis?
A. water
B. carbon dioxide
C. sugar
D. sunlight

Write the word that correctly completes the sentence.

- ❸ A _____ breaks down organic matter and returns nutrients to the environment.
- ❹ Owls hunt and eat mice. The mouse is the prey. The owl is the _____.

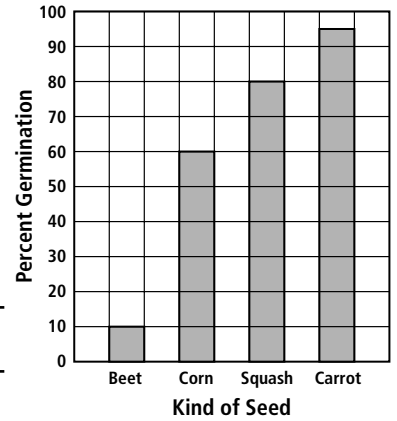
Answer the questions.

- ❺ Arrange the following organisms into a food chain: cow, human, grass. Which organism is the producer?

- ❻ Why don't you have to add food for the crickets in the terrariums? Why do you have to add food for the anole?

Module Assessment, Part 2

7 Look at the graph. It shows the percent germination of four kinds of vegetable seeds. Suppose you planted 100 seeds of each kind in your garden. Which kind of vegetable would you have the most of? Why? How many of those plants would grow?



8 Which kind of vegetable plant would you have the fewest of? Why? How many of those plants would grow?

9 Suggest a reason why a seed would not germinate.

Module Assessment, Part 3

**Materials:**

- 1 iodine solution in dropper bottle
- 1 metric ruler
- 1 plastic tray
- 1 potato, $\frac{1}{4}$ " slice
- 1 spinach leaf

- 10** Measure the length and width of the leaf. Which units will you use? Write your measurements here.

- 11** After you have measured your spinach leaf, put it in one corner of the plastic tray. Put the slice of potato in the opposite corner of the tray. Test the potato and the leaf for the presence of starch. Which turned iodine a blue-black color? What does this mean?

- 12** A potato is an underground stem that is adapted for a specific purpose. What is that purpose? What can you conclude from your results?
