

Plants and Animals

Student Pre- or Posttest and Interview

Student-assessment protocol: Read all of the questions in the student pre-post assessment aloud while projecting it on a document reader. Point to pictures and read captions where appropriate. Students should complete the test individually.

Teacher-assessment review: Immediately following the pre-post assessment, use the following questions to interview students individually. As students share their answers to the questions, make notes and include them in your assessment. Be sure that students have their drawings and answers available to refer to during this interview.

Teacher-Student Interview

Student name: _____

1. Draw a picture and add words to tell how a plant gets its food and how an animal gets its food. Be ready to explain your picture to your teacher.

Follow-up interview:

- a. Can you explain your picture to me?
 - b. Can you tell me more about that? Can you give me more details?
 - c. If the student says that plants make their food, ask, “What do plants need/use to make their food? How/where do they make their food? Do animals make their food?”
 - d. Do plants and animals get their food the same way? How is the way they get their food different?
2. Draw or write what will happen to the plant in the picture after it has been in a dark closet for a few weeks. Be ready to tell why you think that will happen.

Follow-up interview:

- a. Why do the plants need sunlight? What do they do with sunlight?
 - b. How do you know the plants need sunlight? What is your evidence?
 - c. Do animals need sunlight? How do you know the animals do/don't need sunlight? What's your evidence?
3. Circle the things that **all animals** need to get from their environment in order to live and grow.

Follow-up interview:

- a. Tell me why you picked these things.
 - b. Why didn't you circle [x, y, z]?
4. Circle the picture that shows an environment.

Follow-up interview: Why did you choose that picture?

5. Circle the things that **all plants** need to get from their environment in order to live and grow.

Follow-up interview:

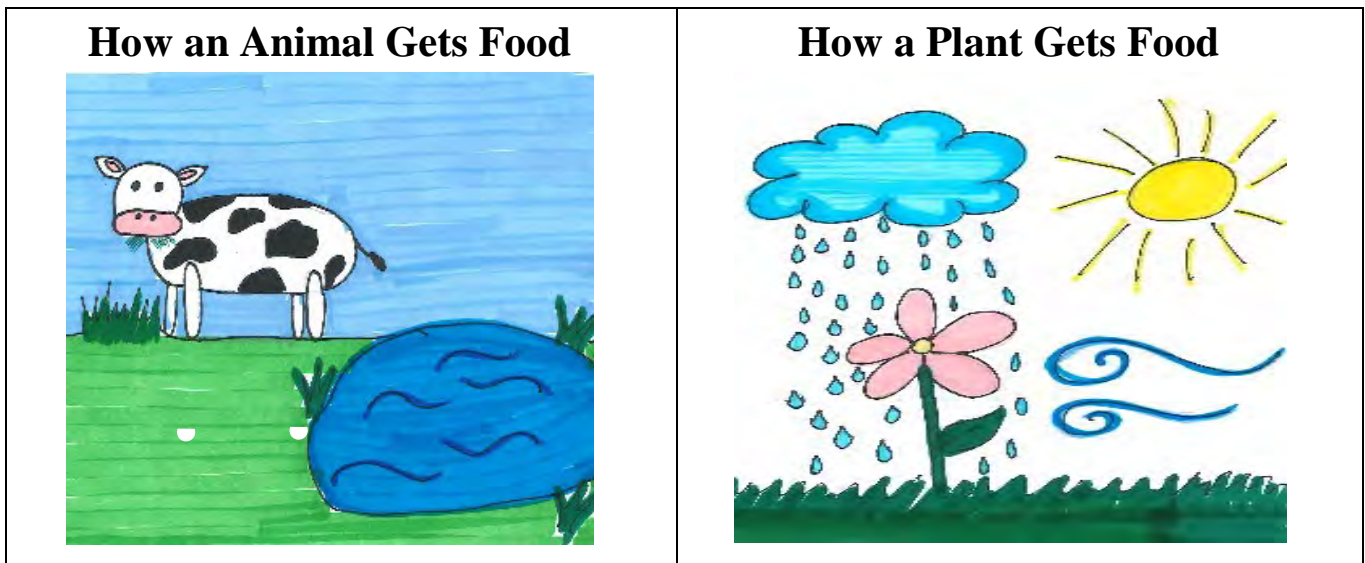
- a. Tell me why you picked these things.
- b. Why didn't you circle [x, y, z]?

Name: _____

Date: _____

Plants and Animals Student Pre- or Posttest (Answer Key)

1. Draw a picture and add words to tell how a plant gets its food and how an animal gets its food. Be ready to explain your pictures to your teacher.



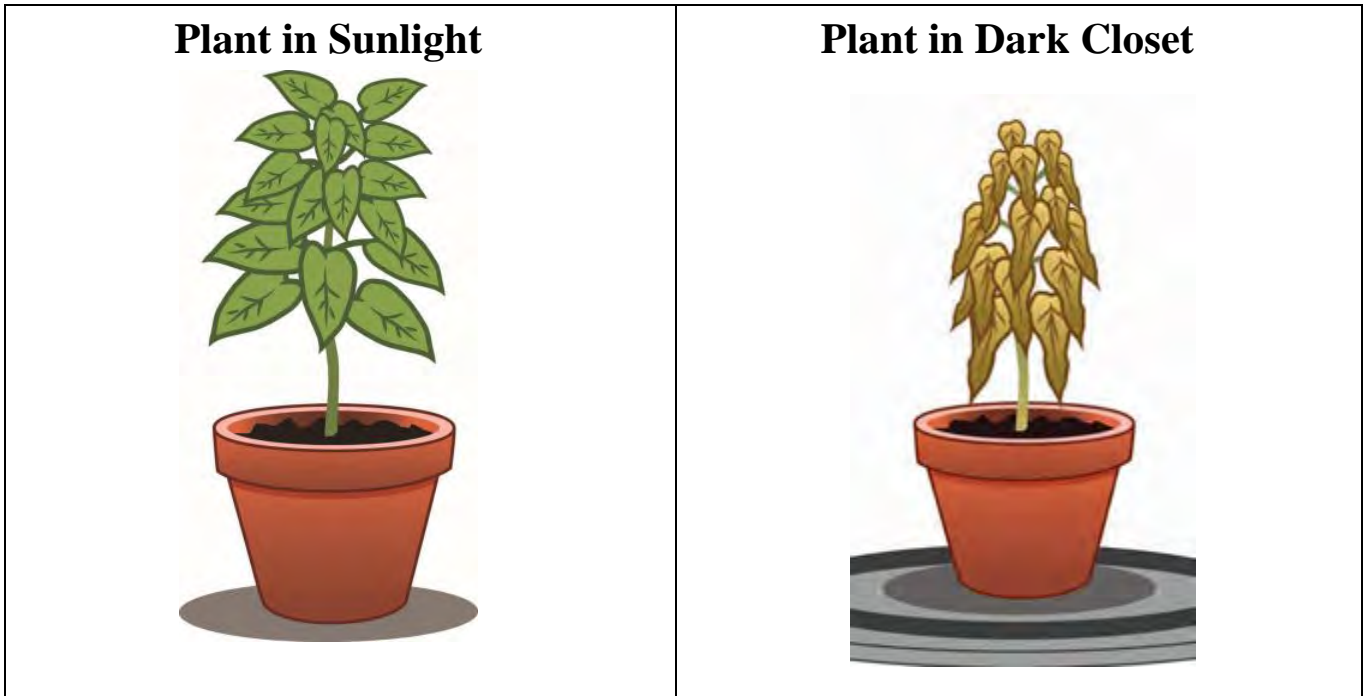
Ideal response: Students may use a combination of words and pictures.

Animal eat plants of other animals. Animals hunt for their food. Plants make their food.

Plants use water, sunlight, and air to make their food. Plants and animals have different ways

of getting food. Plants make their own food, and animals get their food by eating.

2. Draw or write what will happen to the plant in the picture after it has been in a dark closet for a few weeks. Be ready to tell why you think that will happen.



Ideal response: Students may use a combination of words and pictures.

Leaves will wilt and dry up. Sooner or later, the plant will die. Plants can't make their own food

without sunlight.

3. Circle the things that **all animals** need to get from their environment in order to live and grow.



Soil



Rocks



Buildings



Air



Sunlight



Food

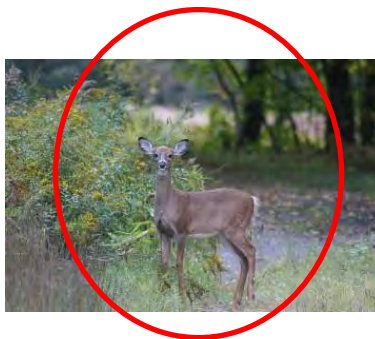


Water



People to Take Care of Them

4. Circle the picture that shows an environment.



5. Circle the things that **all plants** need to get from their environment in order to live and grow.



Soil



Rocks



Buildings



Air



Sunlight



Food



Water



People to Take Care of Them