

Kindergarten “Plants and Plant Growth” Assessment

1a. Circle one thing that plants need to grow:



1b. Circle all of the things that plants need to grow:



1c. Name three things that plants need to grow:

2a. Match the parts of a plant:

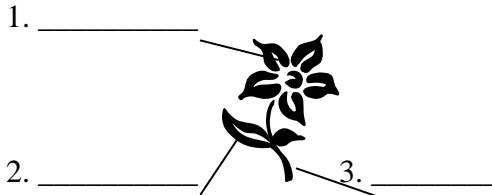
stem

flower

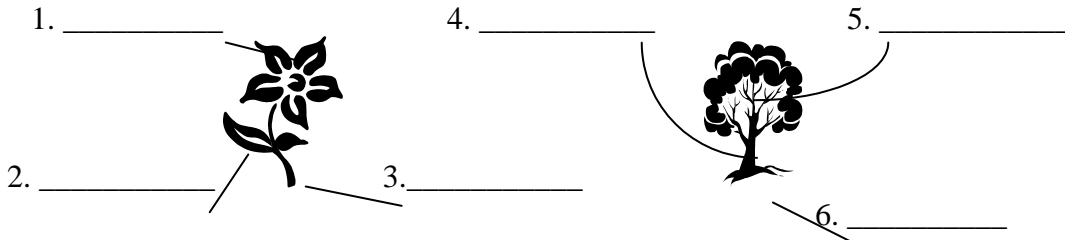
leaves



2b. Name the parts of a plant:



2c. Name the parts of a plant and tree:



3a. A plant needs air, light, water and minerals to make its own food.



3b. A plant needs air, light, water and minerals to make its own _____.

- a. flower
- b. food

3c. A plant needs _____, _____, _____, and _____ to make its own food.

4a. Plants grow from seeds. What else are seeds used for?

- a. reading
- b. food

4b. Plants grow from seeds and we can also use seeds for food. Circle the seeds that we can eat.

- a. corn
- b. marigold
- c. peas

4c. Plants grow from seeds and we can also eat some types of seeds. What are three types of seeds that we can eat?

5a. Deciduous trees stay green all year long.



5b. Deciduous trees lose their _____ in the fall.

- a. bark
- b. squirrels
- c. leaves

5c. Name two types of deciduous trees:

6a. Evergreen trees get new leaves in the spring.



6b. Evergreen trees have _____.

- a. pine needles
- b. leaves

6c. Pine trees and holly bushes are _____.

7a. Most of our food is grown on a farm.



7b. We buy our food at a grocery store, but it is grown on _____.

- a. ships
- b. farms
- c. playgrounds

7c. Name two different types of farms that our food comes from.

8a. Farmers work hard all year long to grow our food.



8b. To help our food grow farmers need to:

- a. keep the weeds and animals away from the crops.
- b. go to the County Fair.

8c. Some ways that farmers help crops grow are to:

- a. go to the County Fair.
- b. irrigate the land
- c. keep the animals and weeds away from the crops

9a. Farmers bring the foods that they grow to our homes for us to eat.



9b. Trucks bring the food from the farmers to:

- a. our homes
- b. to grocery stores

9c. After the food leaves the farm it is:

- a. sent to factories for packaging.
- b. brought to our homes by the farmers.
- c. stored in crates and boxes for trucks to bring to the stores.

10a. George Washington Carver was known as a plant doctor.



- 10b. George Washington Carver was known as the _____.
- a. plant doctor
 - b. President of the United States

10c. George Washington Carver was known as a _____.

11a. George Washington Carver hated peanuts.



- 11b. George Washington Craver created many things from peanuts. Two of these things are _____ and _____.
- a. peanut butter
 - b. soap
 - c. shoes

11c. Some things that George Washington Carver created from peanuts were _____, _____, and _____.

The following Colorado Model Content Standards are covered in this assessment by the questions indicated:

Questions 1a, 1b, 1c: Standard K-4. 3.1 recognizing the basic needs (*for example, food, water, air, shelter, space*) of an organism.

Questions 1a, 1b, 1c: Standard K-4. 3.2 recognizing that green plants need energy from sunlight and various raw materials to live.

Questions 1a, 1b, 1c: Standard K-4. 4.3 recognizing the important uses of water

Questions 2a, 2b, 2c: Standard K-4. 3.4 identifying characteristics that are common to all individuals of a species (*for example, offspring resemble their parents*).

Questions 3a, 3b, 3c: Standard K-4. 3.1 recognizing the basic needs (*for example, food, water, air, shelter, space*) of an organism; and giving examples of how organisms interact with each other and with nonliving parts of their habitat.

Questions 3a, 3b, 3c: Standard K-4. 3.2 recognizing that green plants need energy from sunlight and various raw materials to live.

Questions 3a, 3b, 3c: Standard K-4. 4.3 recognizing the important uses of water

Questions 5a, 5b, 5c: Standard K-4. 3.4 identifying characteristics of plants and animals that allow them to live in specific environments.

Questions 6a, 6b, 6c: Standard K-4. 3.4 identifying characteristics of plants and animals that allow them to live in specific environments.

Questions 11a, 11b, 11c: Standard K-4. 5 identifying careers that use science and technology.

Answer Key

- 1a. sun
1b. sun, air, and water
1c. sun, air, and water
- 2a. match stem, flower, and leaves to the appropriate places on the flower
2b. 1. flower
2. leaves
3. stem
2c. 1. flower
2. leaves
3. stem
4. trunk
5. branches
6. roots
- 3a. 😊
3b. food
3c. air, light, water, and minerals
- 4a. food
4b. corn, peas
4c. Acceptable answers could include:
-corn
-peas
-peanuts
-green beans
-wheat
- 5a. ☹️
5b. leaves
5c. Acceptable answers could include:
-maple
-oak
-apple
- 6a. ☹️
6b. pine needles
6c. evergreens
- 7a. 😊
7b. farms
7c. Acceptable answers could include:

- dairy
- poultry
- grain
- truck

- 8a. ☺
- 8b. keep the weeds and animals away from the crops.
- 8c. irrigate the land, keep the animals and weeds away from the crops

- 9a. ☹
- 9b. to grocery stores
- 9c. sent to factories for packaging, and stored in crates and boxes for trucks to bring to the stores.

- 10a. ☺
- 10b. plant doctor
- 10c. plant doctor

- 11a. ☹
- 11b. peanut butter and soap
- 11c. Acceptable answers could include:
- peanut butter
 - peanut soup
 - peanut cookies
 - soup
 - shampoo
 - shoe polish
 - oil
 - ink