

**Kindergarten**

**Knowledge 4 | Activity Book**

**Plants: How Do They Grow?**

Kindergarten

Knowledge 4

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How Do They Grow?

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**Activity Book**

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NAME: \_\_\_\_\_

DATE: \_\_\_\_\_

**Dear Family Member,**

Over the next several days, your student will be learning about plants and plant parts. In addition, your student will learn that plants are living things and that there are many different kinds of plants.

Below are some suggestions for activities that you may do at home to continue to enjoy learning about plants.

**1. Plant Experiment**

Plant seeds in four different containers. With the first group of seeds, provide no water or sun. With the second group of seeds, provide water, but no sunlight. With the third group of seeds, provide sunlight, but no water. With the fourth group of seeds, provide sun and water. Be sure to explain to your student what you are doing.

Make predictions with your student about which of the seeds will sprout and grow the best. Observe each of the containers every couple of days, discussing with your student the changes that have taken place, if any. After a week or two, revisit the predictions and, with your student, discuss whether the predictions were correct and why or why not.

**2. Words to Use**

Below is a list of some of the words that your student will use and learn about. Try to use these words with your student as they come up in everyday speech.

- *plants*—What do you think about those plants over there?
- *plant*—I think we should plant some flowers in the garden.
- *flowers*—Look at those beautiful flowers.
- *soil*—I used a shovel to dig into the soil to plant my flower.

**3. Plants Out and About**

Anytime you are outside with your student, talk with them about the plants you see around you—their size, shape, color, etc. Have your student identify the different plant parts for you.

**4. Read Aloud Each Day**

Set aside time to read to your student each day. The local library has many nonfiction books about plants, as well as fictional selections.

Be sure to let your student know how much you enjoy hearing about what they have been learning about at school.

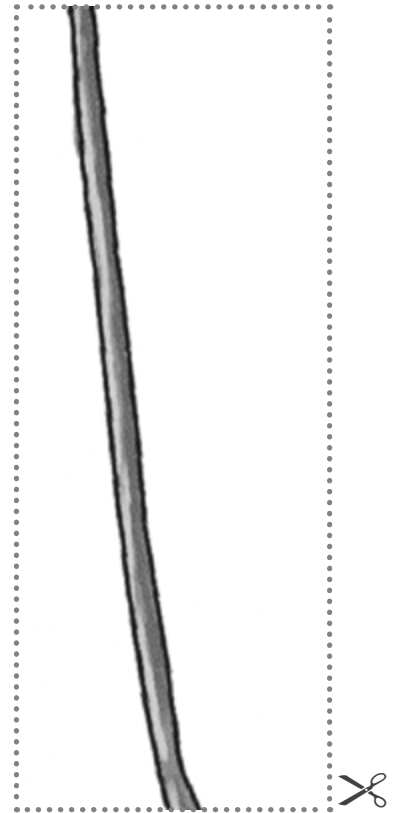
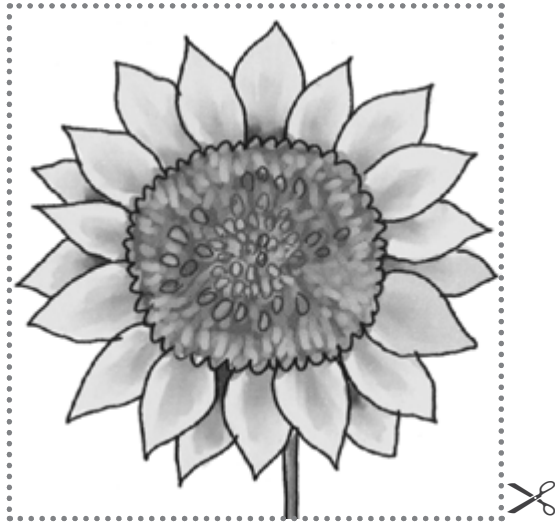
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2.1

Activity Page

Directions: The activity page shows the parts of a plant. Cut out and paste the parts to make a whole plant.



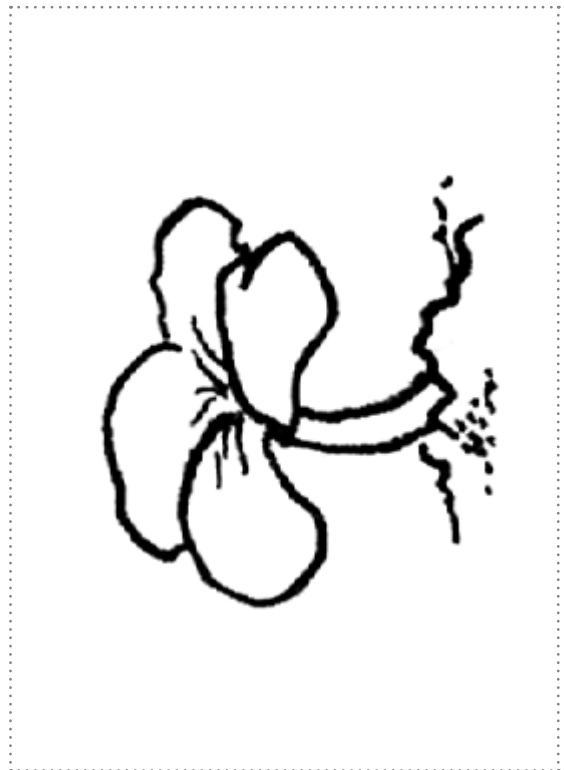
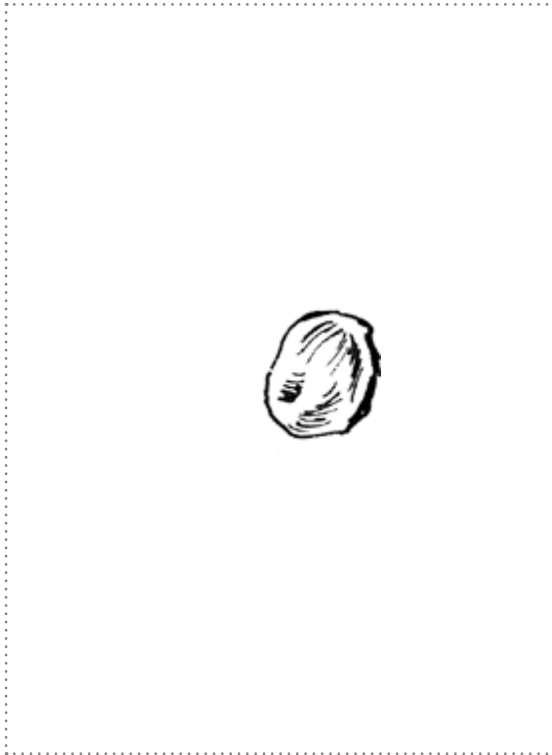


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4.1

Directions: Color the pictures of the turnip at various stages, then cut them out. Sequence the pictures, starting with the beginning of the turnip's life cycle and finishing with the picture that demonstrates the end of the turnip's life cycle. Last, glue the pictures in the correct order onto a separate sheet of paper.



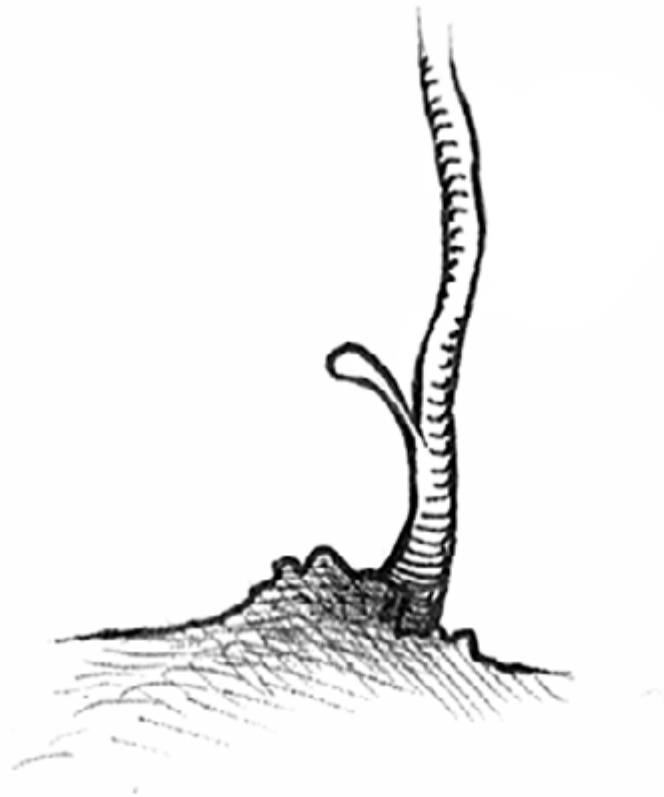




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Directions: The activity page shows the stem of a plant growing out of the earth. Draw in and color the other parts of the plant.





NAME: \_\_\_\_\_

DATE: \_\_\_\_\_

**Dear Family Member,**

Over the past several days, your student has been learning about plants, plant parts, and pollination. Your student will soon learn about germination, the difference between deciduous and evergreen trees, and interesting plants, plants and people, including George Washington Carver.

Below are some suggestions for activities you may do at home to continue to enjoy learning about plants.

**1. Leaf Rubbings**

If possible, collect a number of different types of leaves. Have your student compare and contrast the different types of leaves—size, color, shape, etc. Have them make a rubbing of the leaves by placing a sheet of paper over the leaves and gently rubbing the paper with a pencil or the side of a crayon.

**2. Words to Use**

Below is a list of some of the words that your student will use and learn about. Try to use these words as they come up in everyday speech with your student.

- *deciduous*—That deciduous plant loses its leaves in the fall.
- *evergreen*—That evergreen tree keeps its leaves all year!
- *bouquet*—Isn't that a pretty bouquet? It is so nice to receive a bunch of flowers!

**3. All About Roots**

One way to illustrate roots for your student is to buy seedlings and shake away the dirt to reveal the root system.

**4. Read Aloud Each Day**

Set aside time to read to your student each day. The local library has many nonfiction books about plants, as well as fictional selections.

**5. Sayings and Phrases: Great Oaks from Little Acorns Grow**

Your student will also learn the well-known saying *great oaks from little acorns grow*. Things or people that may seem small and insignificant at first can often turn into something or someone important. You may wish to find opportunities to apply this saying for your student.

## 6. Plants as Food

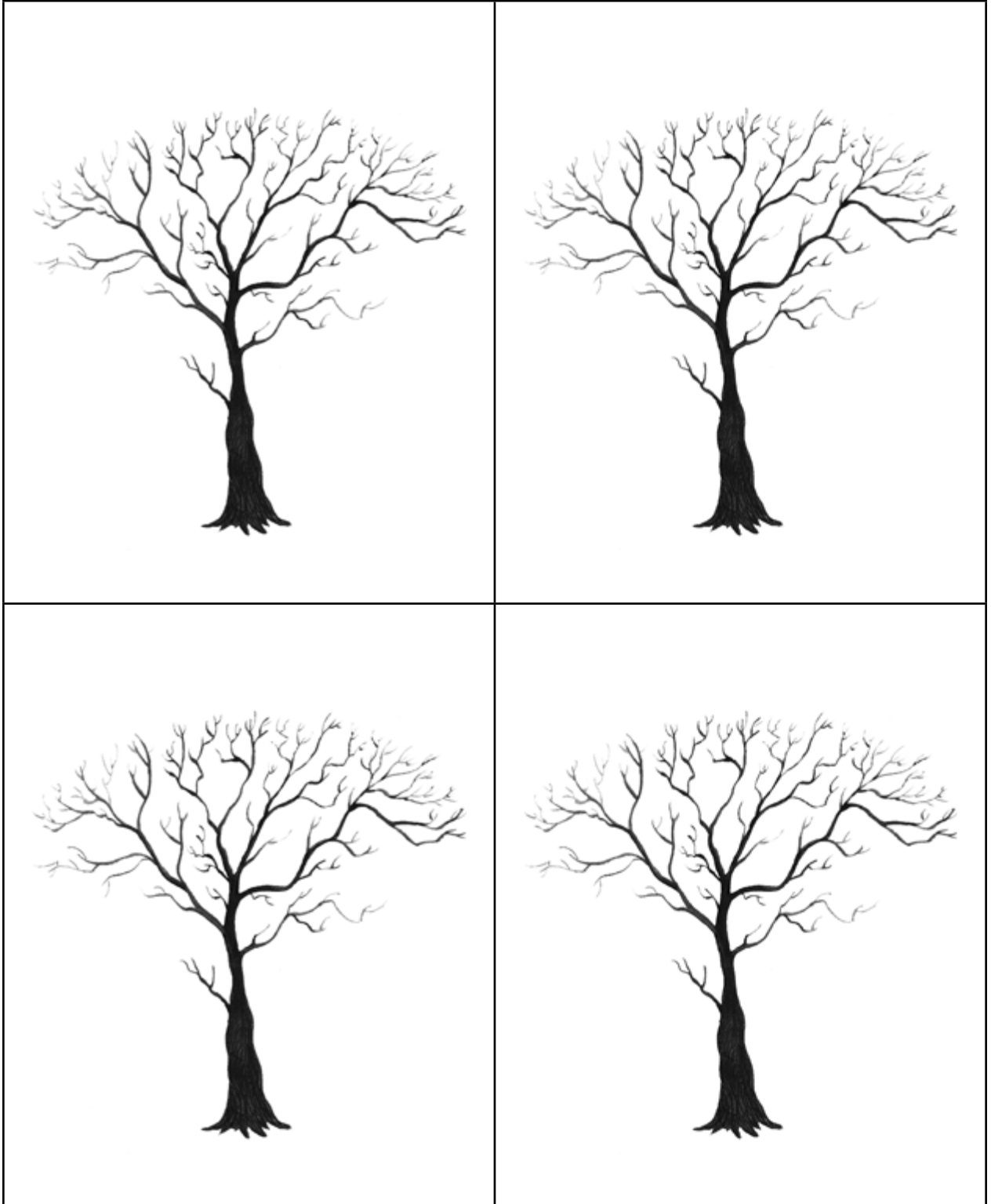
While eating with your student, explain which parts of the meal come from plants and identify those plants by name. Also, tell your student which part of the plant the food comes from. You may wish to talk about which plants are considered fruits and which plants are considered vegetables. The chart below shows commonly eaten foods and the plant parts they come from:

Roots	Stems	Leaves	Seeds	Flowers	Fruits
potato	celery	lettuce	wheat	cauliflower	apple
carrot	sugar cane	cabbage	corn	broccoli	tomato
beet	asparagus	spinach	rice		orange
radish		parsley	beans		
turnip		basil	oats		
			barley		

NAME: \_\_\_\_\_

DATE: \_\_\_\_\_

Directions: Think about how a deciduous apple tree looks in each season: spring, summer, fall, and winter. Think about how you can show this in a picture with the parts of the tree and with different colors. Decorate the trees to show the seasons.





NAME: \_\_\_\_\_

10.1

DATE: \_\_\_\_\_

Directions: Draw a line from each item on the left to the plant that it comes from on the right.

1.



2.



3.



4.



5.



























NAME: \_\_\_\_\_











DA.1

Assessment

DATE: \_\_\_\_\_

1.		
2.		
3.		
4.		
5.		
6.		
7.		
8.		
9.		
10.		

Directions: Listen to your teacher's instructions.

11.		
12.		
13.		
14.		
15.		

NAME: \_\_\_\_\_

DATE: \_\_\_\_\_

DA.2

Assessment



Directions: Listen to your teacher's instructions.



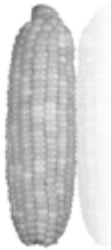
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DA.3

Assessment

Directions: Listen to your teacher's instructions.



1.



2.





NAME: \_\_\_\_\_

DA.4

Assessment

DATE: \_\_\_\_\_

1.



2.



3.



4.



5.



Directions: Listen to your teacher's instructions.





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**Schools**

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## Knowledge 4

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