

Kindergarten

Knowledge 4 | Activity Book

Plants: How Do They Grow?

Editable

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How Do They Grow?

Activity Book

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ISBN 978-1-64383-790-1

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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 day, 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.

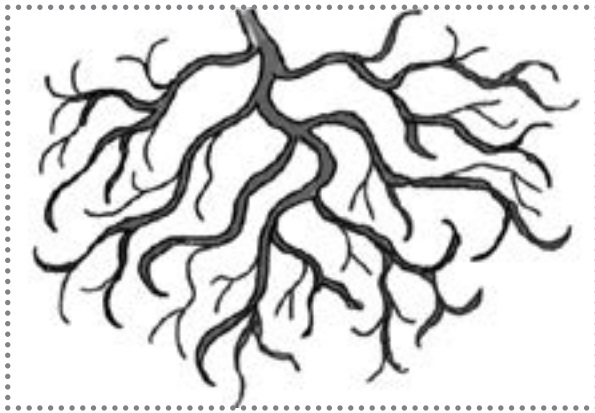
Directions: The activity page shows the parts of a plant. Identify the correct sequence for the parts of the plant as they appear from bottom to top and type the correct order in the given text boxes.

NAME: _____

DATE: _____

2.1

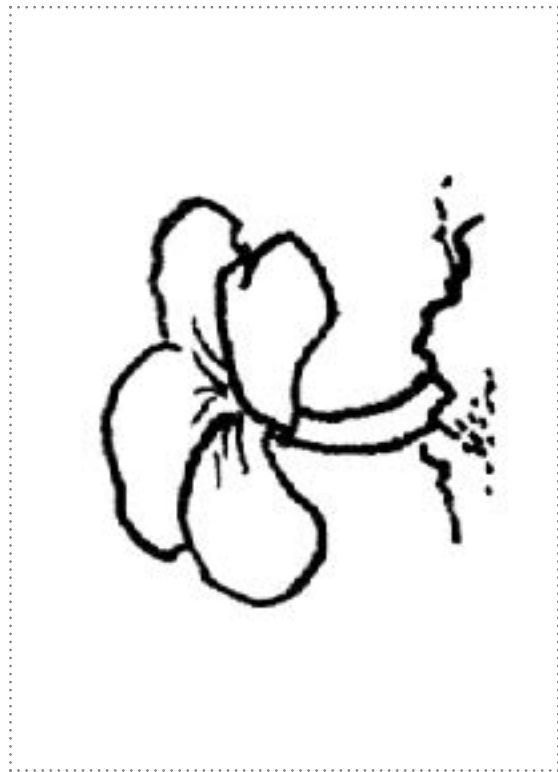
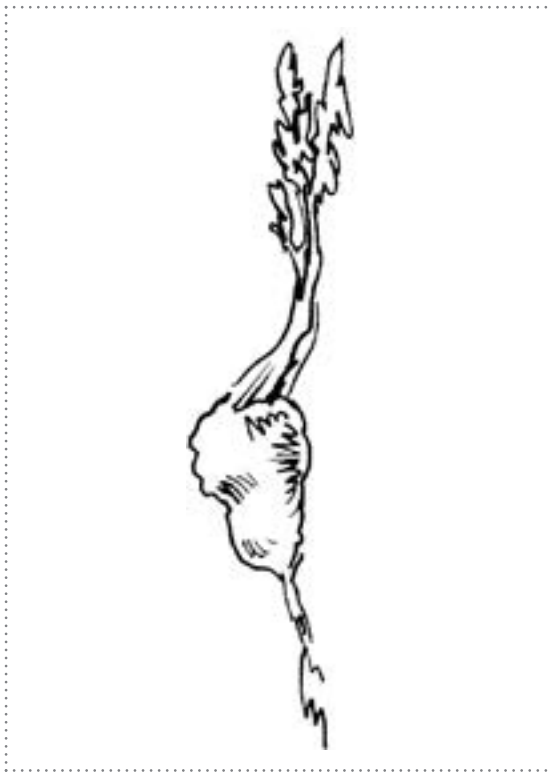
Activity Page



NAME: _____

DATE: _____

Directions: Identify the sequence of 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. Type the correct order in the given boxes.



NAME: _____

DATE: _____

PP.1

Assessment

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. You can perform this activity on the printout as well.



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

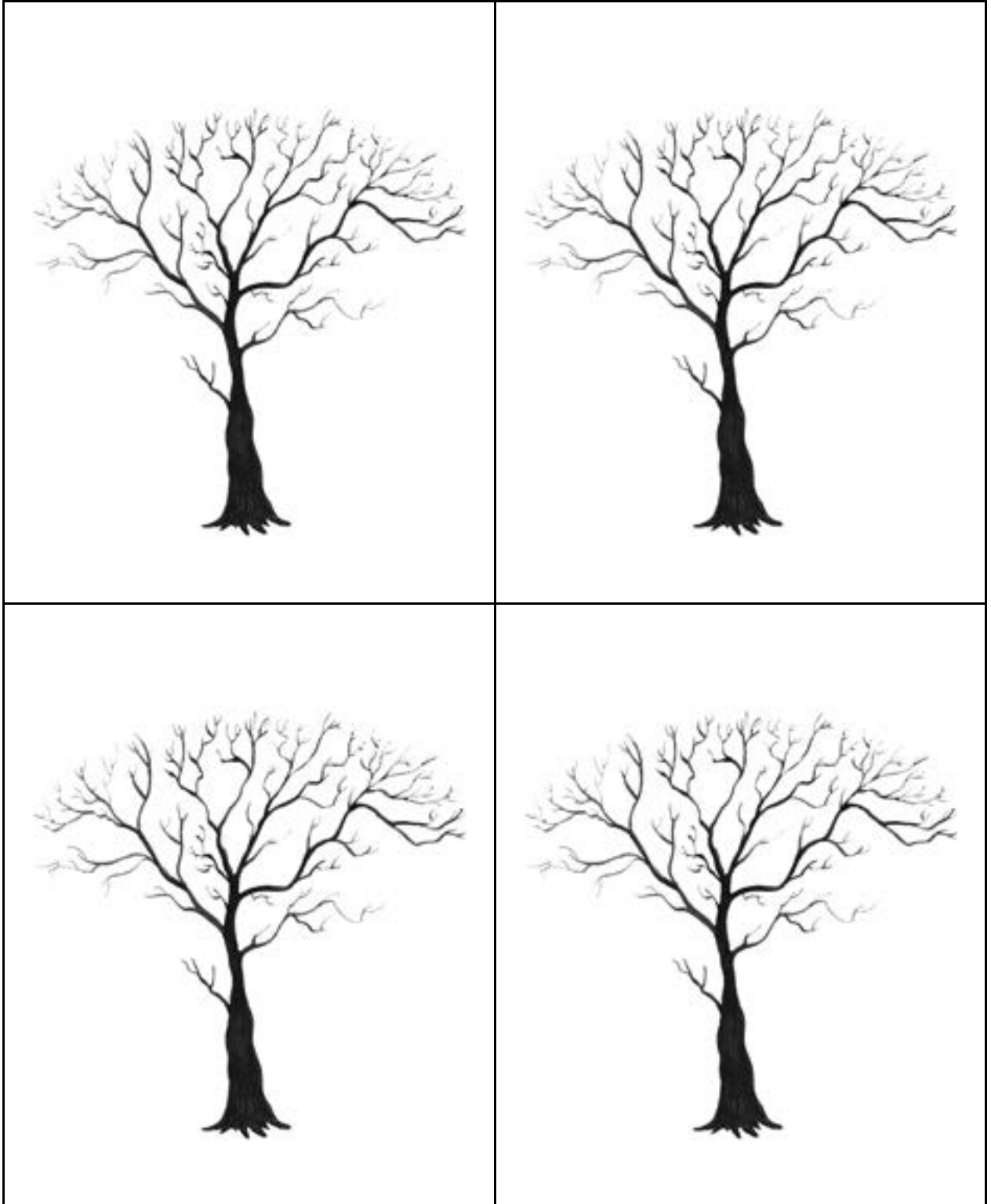
While eating with your student, explain which parts of the meal come from plants and identify those plants by name. Also, tell your student which part of the plant the food comes from. You may wish to talk about which plants are considered fruits and which plants are considered vegetables. The chart 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. You can perform this activity on the printout as well.



NAME: _____

10.1

DATE: _____

Directions: Type the serial number of each item on the left in the text box given before the plant it comes from.

1.



2.



3.



4.

































5.



NAME: _____

DATE: _____

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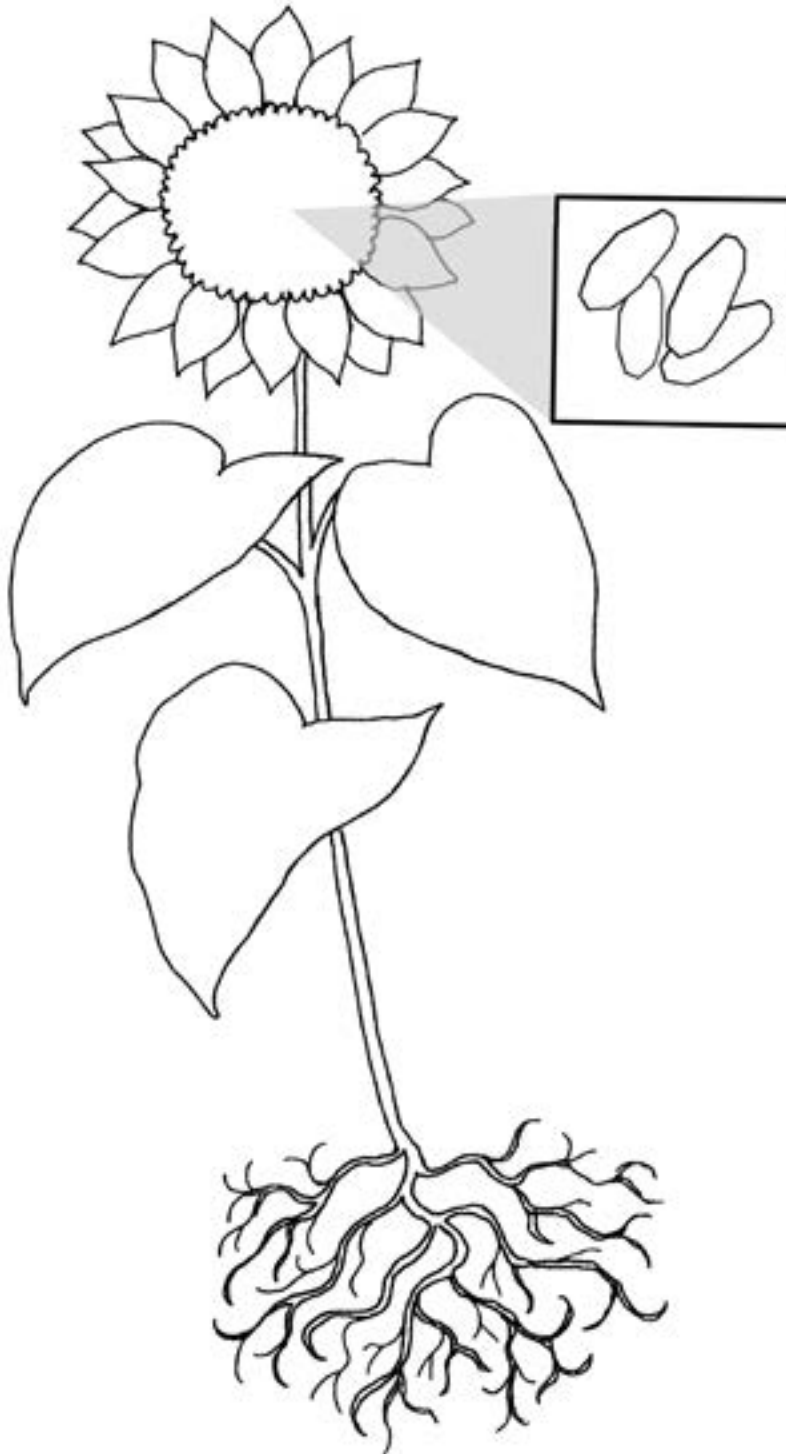
Directions: Listen to your teacher's instructions.

NAME: _____

DATE: _____

DA.2

Assessment



Directions: Listen to your teacher's instructions.

NAME: _____

DATE: _____

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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Acknowledgments

These materials are the result of the work, advice, and encouragement of numerous individuals over many years. Some of those singled out here already know the depth of our gratitude; others may be surprised to find themselves thanked publicly for help they gave quietly and generously for the sake of the enterprise alone. To helpers named and unnamed we are deeply grateful.

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We would like to extend special recognition to Program Directors Matthew Davis and Souzanne Wright, who were instrumental in the early development of this program.

Schools

We are truly grateful to the teachers, students, and administrators of the following schools for their willingness to field-test these materials and for their invaluable advice: Capitol View Elementary, Challenge Foundation Academy (IN), Community Academy Public Charter School, Lake Lure Classical Academy, Lepanto Elementary School, New Holland Core Knowledge Academy, Paramount School of Excellence, Pioneer Challenge Foundation Academy, PS 26R (the Carteret School), PS 30X (Wilton School), PS 50X (Clara Barton School), PS 96Q, PS 102X (Joseph O. Loretan), PS 104Q (the Bays Water), PS 214K (Michael Friedsam), PS 223Q (Lyndon B. Johnson School), PS 308K (Clara Cardwell), PS 333Q (Goldie Maple Academy), Sequoyah Elementary School, South Shore Charter Public School, Spartanburg Charter School, Steed Elementary School, Thomas Jefferson Classical Academy, Three Oaks Elementary, West Manor Elementary.

And a special thanks to the Pilot Coordinators, Anita Henderson, Yasmin Lugo-Hernandez, and Susan Smith, whose suggestions and day-to-day support to teachers using these materials in their classrooms were critical.

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Knowledge 4

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ISBN 9781643837901



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