



Amplify.

TEXAS

ELEMENTARY LITERACY PROGRAM

Kindergarten

KNOWLEDGE 4

ACTIVITY BOOK

Kindergarten

Knowledge 4

Activity Book

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Knowledge 4

Plants:
How Do They Grow?

NAME: _____

DATE: _____

Dear Family Member,

Over the next several days, your child will be learning about plants and plant parts. In addition, your child 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 child what you are doing.

Make predictions with your child about which of the seeds will sprout and grow the best. Observe each of the containers every couple of days. Discuss with your child the changes that have taken place, if any. After a week or two, revisit the predictions and discuss with your child 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 child will use and learn about. Try to use these words with your child 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 child, talk with them about the plants you see around you—their size, shape, color, etc. Have your child identify the different plant parts for you.

4. Read Aloud Each Day

Set aside time to read to your child each day. The local library has many nonfiction books about plants, as well as fictional selections. A list of books and other resources

relevant to this topic is attached to this letter.

Be sure to let your child know how much you enjoy hearing about what s/he has been learning about at school.

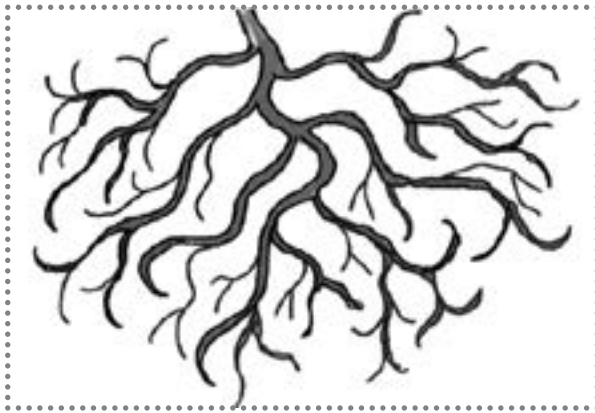
Directions: The activity page shows the parts of a plant. Identify the correct sequence for the parts of the plant as they appear from bottom to top and type the correct order in the given text boxes.

NAME: _____

DATE: _____

2.1

Activity Page

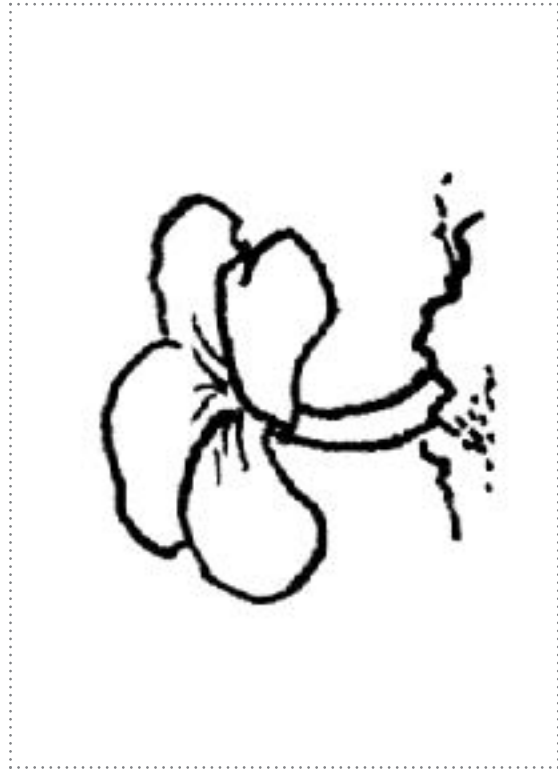
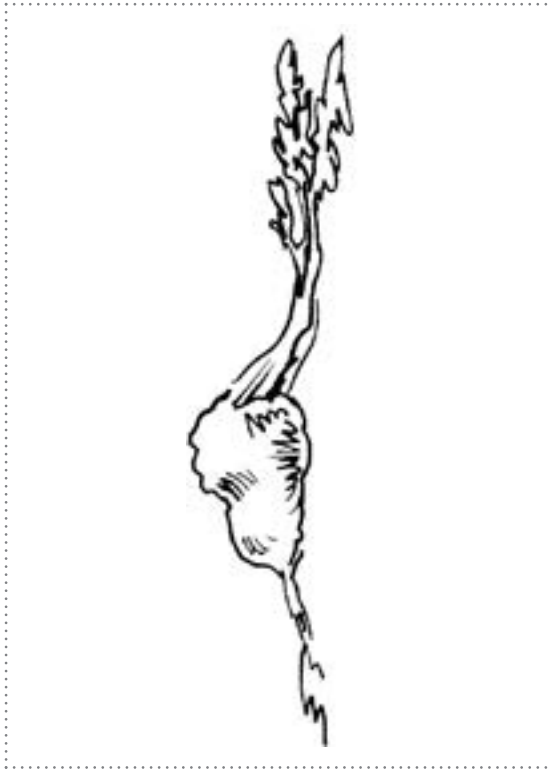


NAME: _____

DATE: _____

4.1

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 and 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 print-out as well.



NAME: _____

DATE: _____

Dear Family Member,

Over the past several days, your child has been learning about plants, plant parts, and pollination. Your child will soon learn about germination, the difference between deciduous and evergreen trees, interesting plants, plants and people, and 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 child compare and contrast the different types of leaves—size, color, shape, etc. Have him or her 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 child will use and learn about. Try to use these words as they come up in everyday speech with your child.

- *deciduous*—That is a deciduous plant; it 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 child 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 child each day. The local library has many nonfiction books about plants, as well as fictional selections. Please refer to the list of books sent home with the previous family letter, recommending resources related to plants.

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

Your child 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 child.

6. Plants as Food

While eating with your child, explain which parts of the meal come from plants and identify those plants by name. Also, tell your child 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:

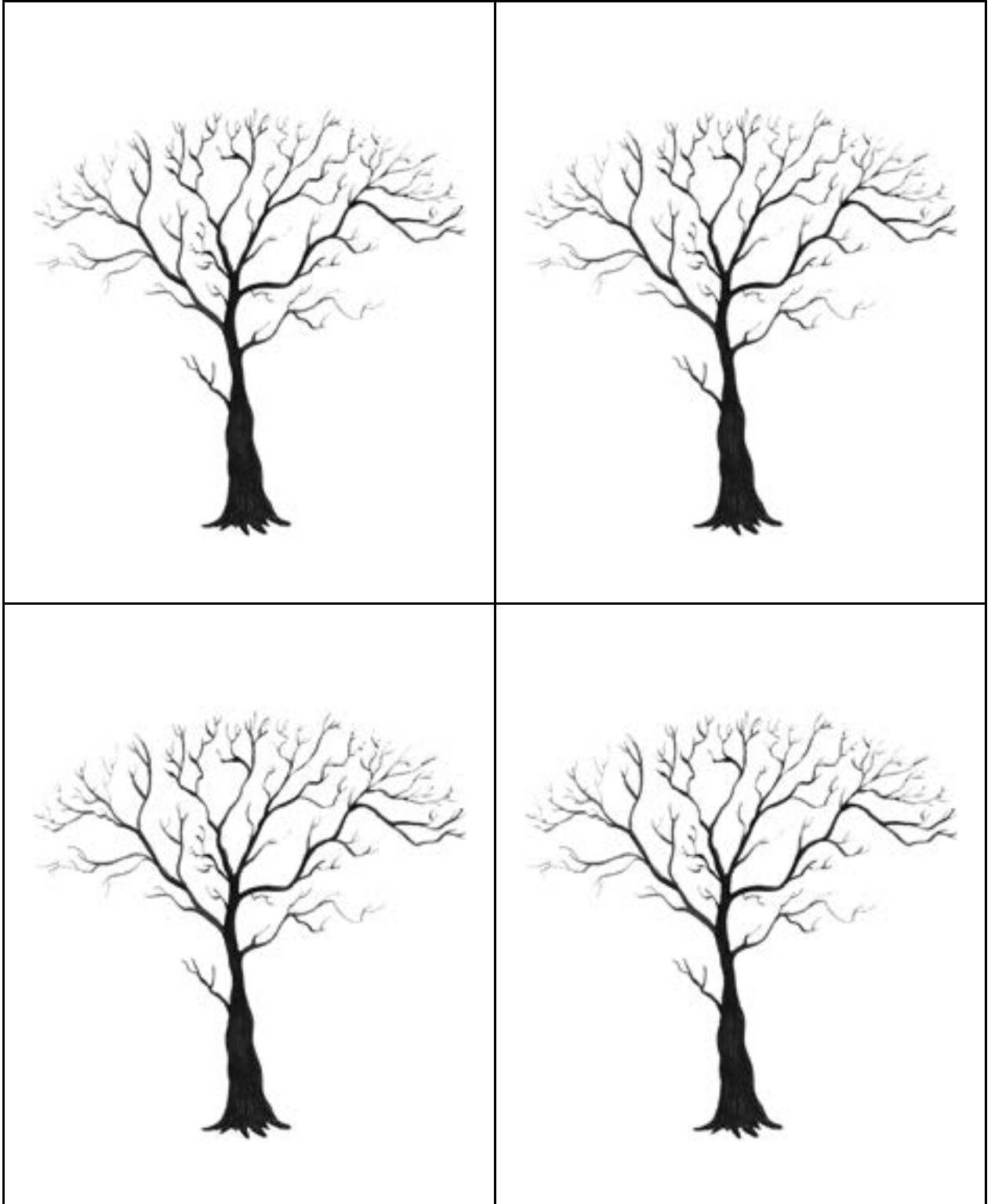
Roots	Stems	Leaves	Seeds	Flowers	Fruits
potato	celery	lettuce	wheat	cauliflower	apple
carrot	sugar cane	cabbage	corn	broccoli	tomato
beet	asparagus	spinach	rice		orange
radish		parsley	beans		
turnip		basil	oats		
			barley		

NAME: _____

DATE: _____

8.1

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 print-out 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: _____

DA.1

Assessment

1.		
2.		
3.		
4.		
5.		
6.		
7.		
8.		
9.		
10.		
11.		
12.		
13.		
14.		
15.		

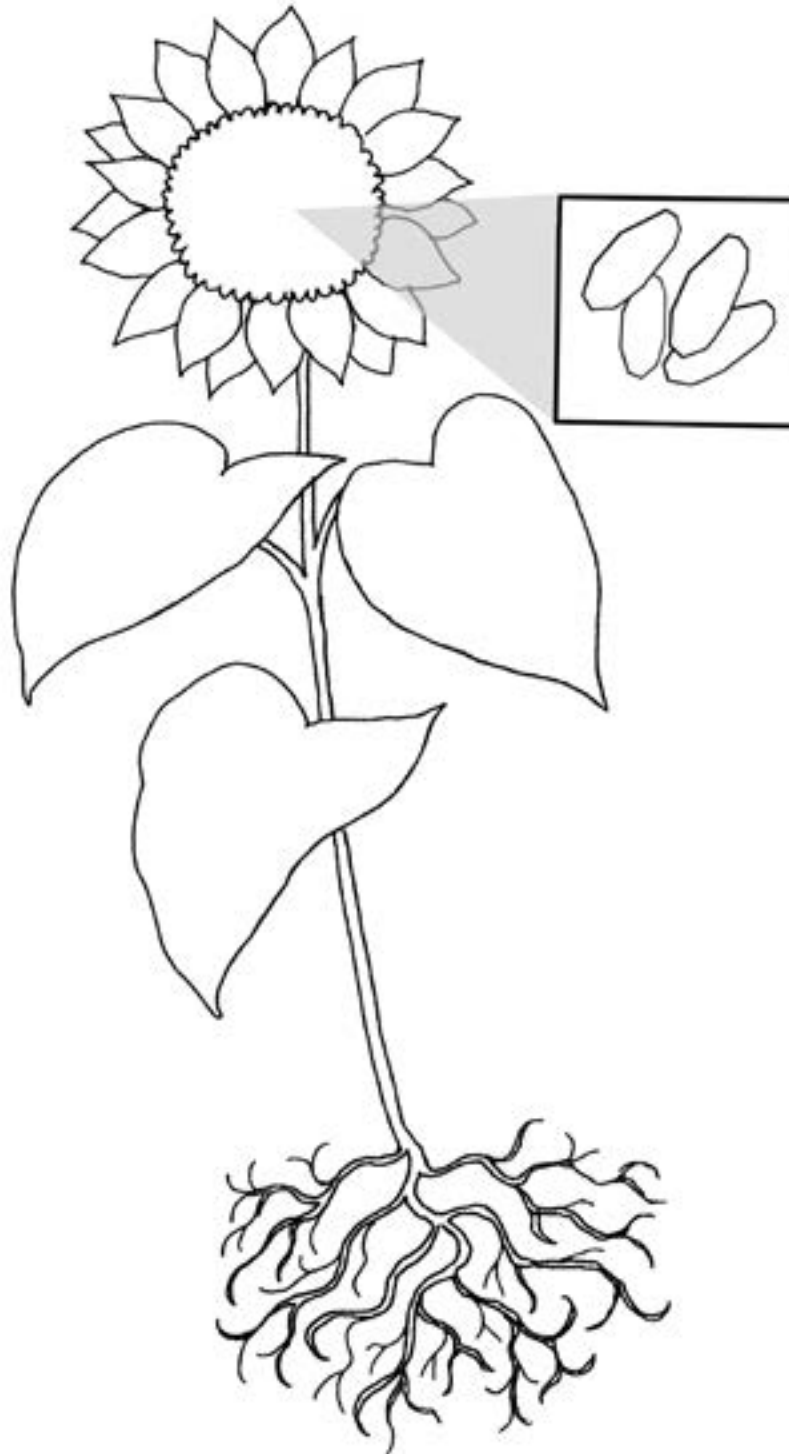
Directions: Listen to your teacher's instructions.

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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Knowledge 4

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