

3

Activity Sheet for Science

Quarter 2

Week

5

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Activity Sheet for Science Grade 3

Quarter 2: Week 5

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ACTIVITY SHEET

Learning Area:	Science	Quarter:	2
Week:	5	Day:	1
Lesson Title/ Topic:	What are the parts of a plant? (Part 1)		
Name:		Grade & Section:	3

Activity 1: What are the parts of a plant? (Part 1)

Materials Needed:

- Uprooted plants (mayana, rose, okra, oregano) in glass jars with water
- Clear plastic bags
- Scotch tape

Duration: 25 minutes

Instructions:

1. Recall and enumerate the plants that you remember in your community. As pictures of plants are shown by your teacher, identify each one of them.
2. Form 4 groups. As a group, you will be assigned a plant which will be provided by your teacher.
Group 1 - Mayana Group 3 – Okra plant
Group 2 - Rose plant Group 4 - Oregano
3. Identify the parts of your assigned plant by placing a small tag that will identify the plant's parts. The tags are: ROOTS, STEM and LEAVES.
4. Afterwards, go around and try checking the other plants of the other 4 groups and see if there is something common among the plants. Using the table, place a check if these plant parts are present.

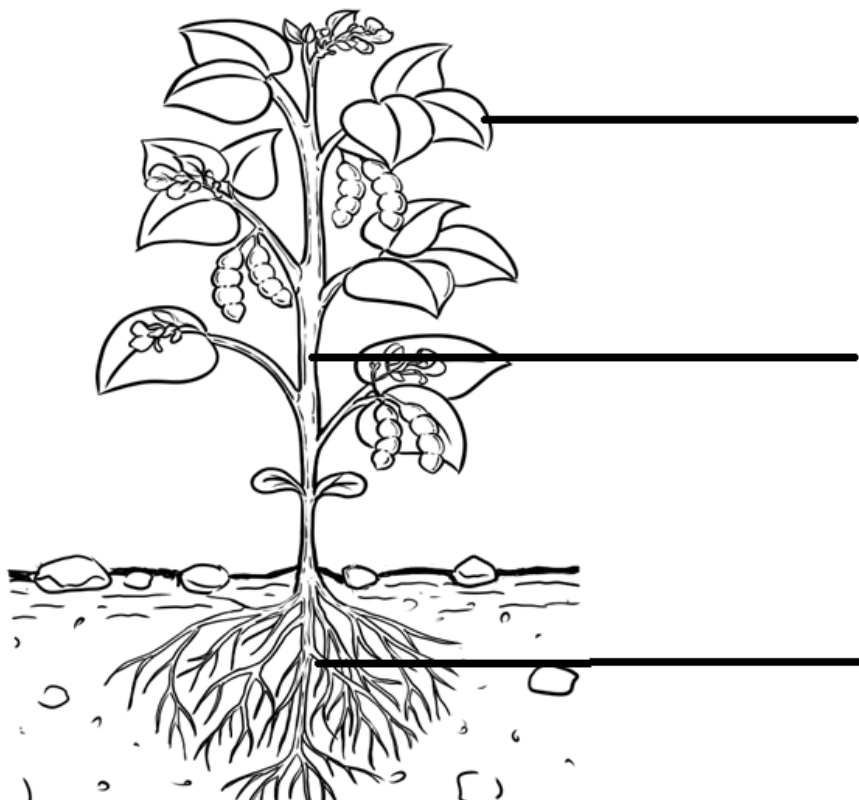
	Roots	Stems	Leaves
Mayana			
Rose			
Okra			
Oregano			

Guide Questions:

1. What are the three common parts of a plant?
2. Compare the plant parts you observed in your plant with those from other groups. Do their plant parts look the same? Explain your answer.

Assessment/Reflection:

What parts are being asked in this illustration of a representative plant? Write the name of the part.



ACTIVITY SHEET

Learning Area:	Science	Quarter:	2
Week:	5	Day:	2
Lesson Title/ Topic:	What are the parts of a plant? (Part 2)		
Name:		Grade & Section:	3

Activity 2: What are the parts of a plant? (Part 2)

Materials Needed:

None

Duration: 25 minutes

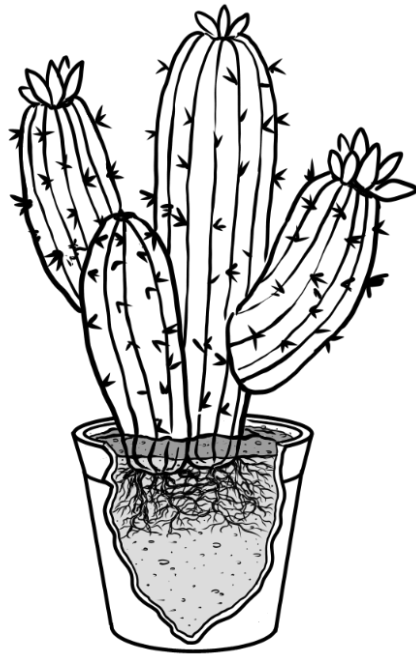
Instructions:

1. Observe the eggplant shown on the screen. What plant parts other than the roots, stems and leaves do you also see? Encircle it in the illustration on the next page and name it.



2. Let us identify some plant parts that are quite different from what we usually see.

A. Observe the cactus plant. What plant parts can you see? Draw connecting lines to match their parts.

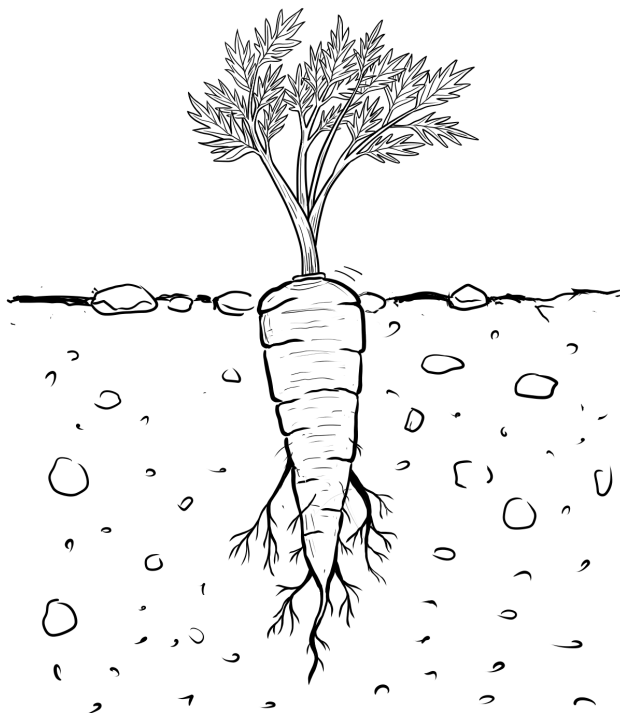


LEAVES

ROOTS

STEM

B. Observe the growing carrot. What are the plant parts that you can identify? Draw connecting lines to match their parts.

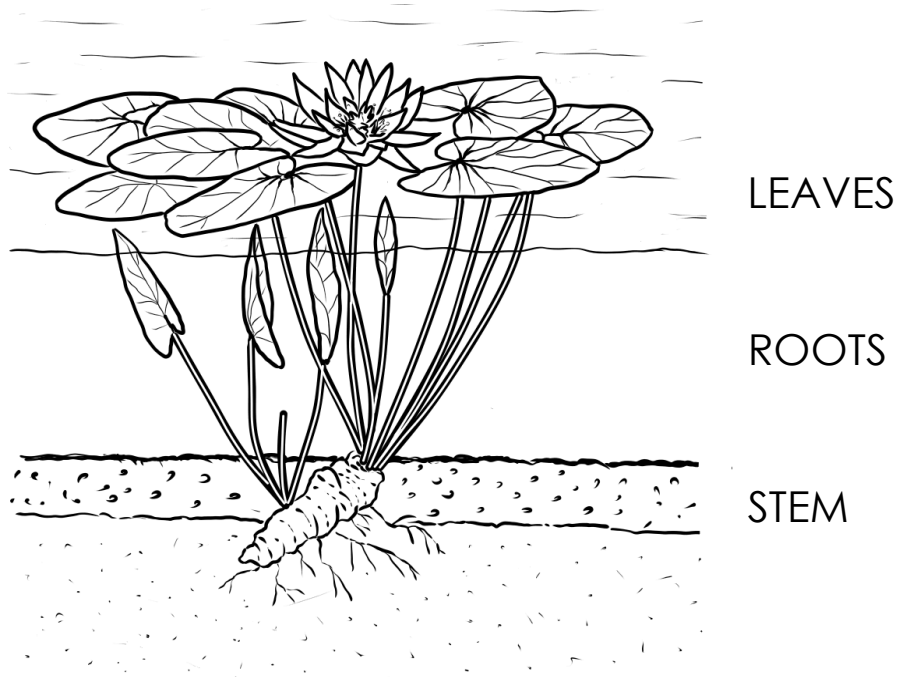


LEAVES

STEM

ROOTS

- C. Observe the lotus plant growing in a pond. What plant parts can you identify? Draw connecting lines to match their parts.

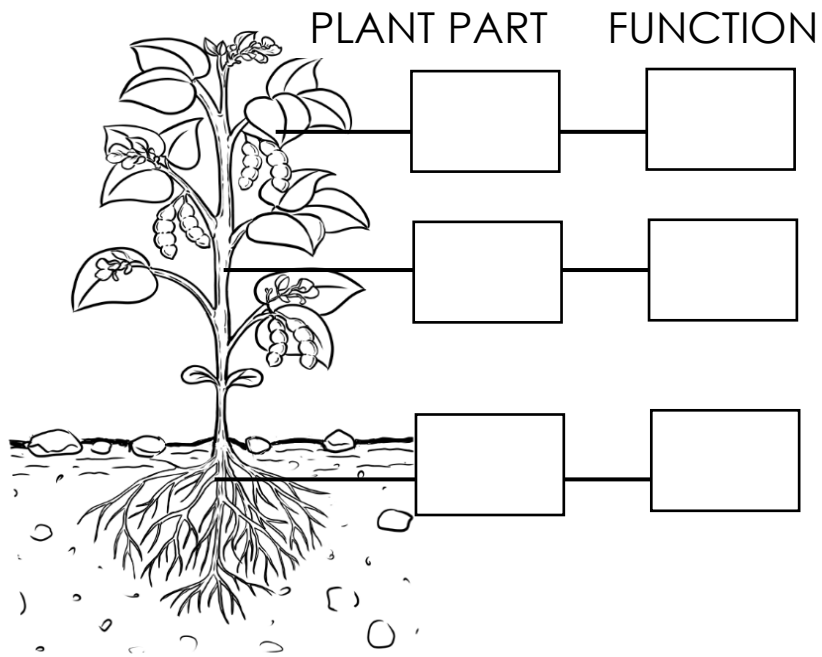


Guide Questions:

1. Pick up a potted plant. Try to tilt the potted plant on one side. Did the plant fall to the ground? Why do you think so? What keeps it from falling from the pot?
2. If sunlight is only on one side of the plant and dark on the other side, what does the stem do so that leaves can get as much light as possible?
3. Plants make food using the energy from the Sun. What plant part gets this energy?
4. Which plant part of the cactus protects it from animals? How does it protect the cactus?
5. Which plant part of the carrot stores food? Can you also name other examples of plants that store food in their roots?

Assessment/Reflection:

Label each plant part and select the letter of the correct function of each part.



Plant part

Function

I. ROOTS

A. get energy from the Sun

II. STEMS

B. anchor the plant to the soil

III. LEAVES

C. hold and support the leaves

ACTIVITY SHEET

Learning Area:	Science	Quarter:	2
Week:	5	Days:	3
Lesson Title/ Topic:	How do plants get water from the soil?		
Name:		Grade & Section:	3

Activity 3: How do plants get water from the soil?

Materials Needed:

- Oregano plant with drooping leaves
- Water
- Sprinkler

Duration: 25 minutes

Instructions:

Pre-Activity

1. Look at the oregano plant. Describe how it looks.
2. Take turns in watering the wilted plant for seven days.

Activity Proper

1. Describe the plant after watering it for seven days.
2. Compare the plant to how it was a week ago.
and describe the observed changes.

Guide Questions:

1. What changes have you seen in the plant after it was watered for seven days?
2. After watering the plant for seven days, where do you think some of its water went?

3. Get a well-watered plant. Pick a leaf from the plant and crumple it like what you do on a piece of paper. Squeeze the leaf and observe. What came out? Where do you think it came from?
4. Explain how each plant part help in getting water from the soil.

Assessment/Reflection:

Check if the following statements are correct or not. If not, correct the statement by changing only one word.

1. Water in the leaves moves to the stem.
2. Water in the stem moves up to the roots
3. Water in the soil is first absorbed by the leaves.

ACTIVITY SHEET

Learning Area:	Science	Quarter:	2
Week:	5	Days:	4
Lesson Title/ Topic:	How do plants get nutrients from the soil?		
Name:		Grade & Section:	3

Activity 4: How do plants get nutrients from the soil?

Materials Needed:

- yellow and green plastic shopping bags or green candy wrappers
- Scissors
- Brown cloth
- Cartolina/Manila Paper
- Yarn
- Marker
- Youtube video in MP4 format

Duration: 25 minutes

Instructions:

1. Watch a MP4 video clip about the effect of adding fertilizer on the growth of a banana plant.
 - What did you notice on the banana plant after receiving fertilizer? What plant part grew and became bigger?
 - What did the roots do when the fertilizer was added to the soil?
 - How did the nutrients reach the leaves? What plant part did it?

2. Afterwards, make a collage with a title “How do plants get nutrients from the soil?”. Use the common household materials to make plant parts (e.g. yarn for stem and roots and candy wrappers for leaves) In the collage, you must have the following:
 - a. A plant showing its parts labelled correctly (roots, stem and leaves)
 - b. A short description about what each plant part does to get nutrients from the soil. The description should be near the plant part it is describing.
3. Present your collage to your teacher for checking.

Assessment/Reflection

Give the correct sequence of steps by writing a number on the space provided for each statement with **1** being the first step. Then write the correct plant part doing this function.

	Plant part
____ Receives the nutrients from the stem	_____
____ Carries the nutrients to the leaves	_____
____ Absorbs the nutrients from the soil	_____