Name:_____ Date: _____
Grade and Section: _____ Score: _____

Science I/Quarter 2/Week 6

Infer that plants have parts/structures that help them survive

This Learning Activity Sheet is about identifying the parts of the plants and their structures and what help plants survive.

PLANT PARTS AND THEIR FUNCTIONS

Plants are important to people and animals. It helps make Earth more beautiful. They have a special role in our planet.

There are many plants around us. Plants have different characteristics.

Some are big, some are small. Some are green, some have different colors. But all of them have leaves. Most of them are rooted to the soil.

The basic parts of the plants are the leaves, stem, and roots. However, there are plants that have other parts nit common to all. Here are two plants. One is big. The other is small.



A tomato plant is a small plant. It has roots, leaves, stems, flowers, and fruits.



A coconut tree is a big plant. It has a trunk, roots, leaves, flowers and fruits. The trunk is the main stem of a tree. It is different from the branches.

The coconut tree and the tomato plant have the common parts: root, stem, and leaves. They also bear flowers and fruits.

LIVEWORKSHEETS



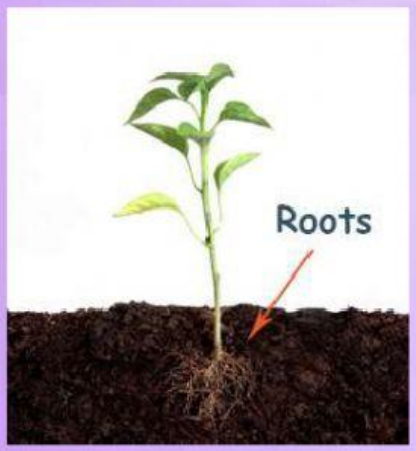
The pine tree is a big plant. Just like the coconut tree, the pine tree has a trunk, roots, and leaves. But unlike the coconut tree, the pine tree does not produce flowers and fruits.



The fern plant is a small plant. Just like tomato plant, the fern plant has roots, stems, and leaves. But unlike the tomato plant, the fern plant does not produce flowers and fruits.

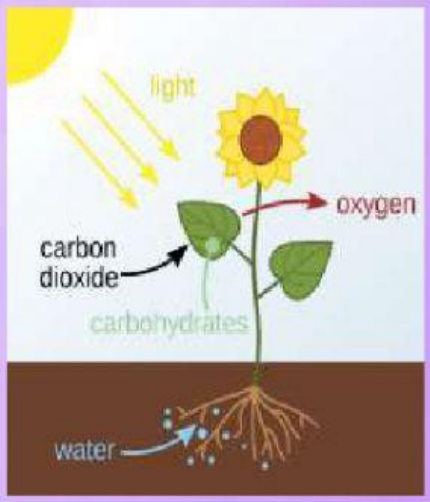
The tomato plant and coconut tree are flowering plants while the pine tree and fern plant are non-flowering plants.

PLANT PARTS AND THEIR FUNCTIONS



A. ROOTS – it hold the plants in the soil. The many tiny root hairs at the tip of each root get water and minerals from the soil. They absorb water and send it up to the stem and leaves. Plants need water and minerals to grow and stay alive.

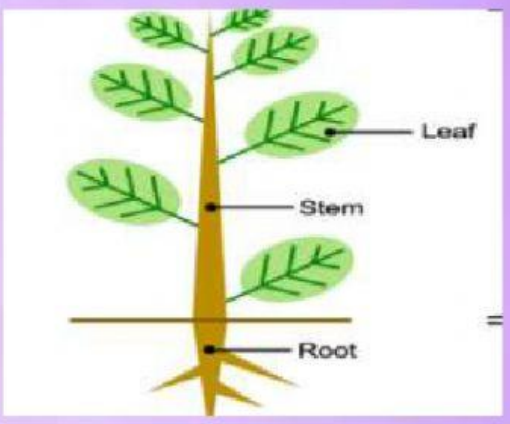
B. **LEAVES**- make food for the plant. Most leaves are green. Plants need water, air, and sunlight to make food. How does a plant get these things?



The water from the roots goes up to the stem then to the leaves. Carbon Dioxide from the air enters through the very tiny holes in the leaves called **stomata**. Sunlight helps the green leaves change water and carbon dioxide into food for the plant. This food is sugar.

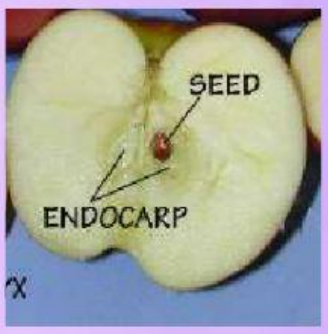
LIVEWORKSHEETS

C.STEMS - support the leaves, flowers, and fruits. They also deliver food and water to all parts of the plant.





D.FLOWERS – help produce new plants. They have beautiful colors and some have fragrant smell. A part of the flower called ovary develops into a fruit. Flowers have sweet juice called nectar at the base of their petals.



E. FRUITS – contain the seeds of a plant. Some plants produce fruit. Others do not produce fruit. Some fruits are eaten by people and animals. Others are eaten by animals only.

DO THESE: Performance Task 2 (to be submitted on January 14,2022)

Find out: What are the parts of plants?
You will need: An uprooted mung plant or munggo plant.
WHAT TO DO:

1. **Draw the uprooted mung plant in the box below.**
2. **Label the parts.**

LIVEWORKSHEETS

CONCLUSION:

The different parts of plants are _____, _____, and _____.

I. Direction: Check (/) the letter of the correct answer.

1. Which part of plants hold it in the soil?
   a. fruits
   b. roots
   c. stem

2. Which part of plant makes food?
   a. flower
   b. fruits
   c. leaves

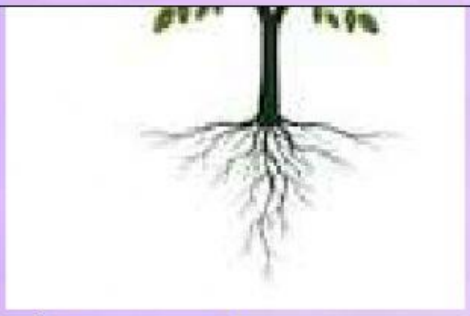
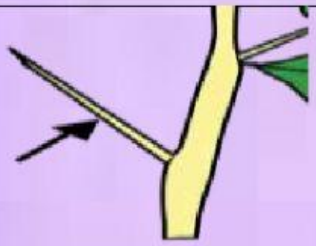
3. Which part of plants prevent floods?
   a. roots
   b. stem
   c. ovary

4. What parts of plants attracts insects?
   a. flower
   b. fruit
   c. ovary

5. What parts of plants transport water and nutrients to the leaves?
   a. leaves
   b. ovary
   c. stem

LIVEWORKSHEETS

II. Direction: Match the part of the plant to its function. Write the letter of the correct answer on the blank.

_____1. 	a. Carries water to the leaves.
_____2. 	b. Beautifies our home.
_____3. 	c. Get water and nutrients from the soil.
_____4. 	d. Make food for the plant.
_____5. 	e. Are used as food.

LIVEWORKSHEETS