Name:_____ Grade 1- _____

Science I/Quarter 2/Week 7

Enumerate the needs of plants in order to live, their uses and habitat.

This Learning Activity Sheet is about identifying the needs of plants in order to live, what are there uses and kinds of habitat.

NEEDS OF PLANTS

What do plants need to grow? Look at the picture. Which plant gets what it needs?



plant A **plant B**

Like people and animals, plants have needs to live and grow. They need enough water, air, and sunlight. They need good soil. They need people's care.

Plants make their own food. They make food from water and carbon dioxide with the help of sunlight. This process is called **photosynthesis**. It happens in the leaves.

Without water and sunlight, plants cannot make food. They will wither and die.

Plants need good soil. The soil should have nutrients that plants need. It should have the right texture. It should not be loose like sand or clumpy like clay.

Plants are very useful to people. So we should take care of them. Here are some ways of caring for plants.

1. Water plants regularly
2. Place potted plants where they can get enough sunlight
3. Pick flowers or leaves only if needed
4. Do not step on plants

LIVEWORKSHEETS

KINDS OF PLANTS

Plants grow in different places. Can you tell where these plants grow?



water lily



rainforest



orchids

There are many kinds of plants. Hence, plants can be grouped in different ways. One way of grouping plants is based on where they grow.

Many plants grow on land. They are called **terrestrial plants**. Most trees like in rainforest are terrestrial. Rice, corn, and other crops are also terrestrial.

Terrestrial plants grow best in places where they can get water. This is why plants are abundant in rain forests. However, some plants can survive even in hot and dry places. Cactuses grow in deserts.



cactus in desert



rice in the field



trees in the forests

Some plants grow in very cold places. They bloom in spring as soon as the snow melts. Some examples are plum blossom and bloodroot.



Plum blossom



bloodroot

Some plants grow in water. They are called **aquatic plants**. Kangkong, mangrove, lotus, and water lily are aquatic plants.



Mangrove



Kangkong



Lotus



Water lily

LIVEWORKSHEETS

Some plants grow upon other plants. They are called **aerial plants**. They are also called epiphytes. Orchids and mosses are aerial plants.



mosses grow on the trees



orchids on the tree branches

USES OF PLANTS

Plants are very useful to people. Many of the things that people need come from plants. These include food, medicine, and building and clothing materials.



Plants are primary source of food. People get fruits, vegetables, and root crops from plants. Sweeteners, flavorings, and spices also come from plants.

Some plants have medicinal properties. Garlic is prescribed for those who have high blood pressure. Pounded ginger can relieve stomachache. Guava leaves are used in treating wounds.



Trees are sources of building materials. Wood from tree trunks is used in building houses and making pieces of furniture.



pineapple leaves



cotton plant

Some plants are sources of clothing materials. Cotton comes from cotton fruits. It is used in making light pieces of clothing such as shirts. Piña cloth is made from fibers of pineapple leaves. It is usually used in making Barong Tagalog.

LIVEWORKSHEETS



Poison ivy plant

Remember that there are some plants that can cause harm to people. An example is the poison ivy. It is a woody vine that grows in North America. It can cause skin irritation. When eaten, it can cause death.

DO THESE: Performance Task 3 (Video Presentation)

Find out: How can you take care of plants?
You will need: bond paper, pencil and crayons
WHAT TO DO:

1. **Draw and color the plant inside the box.**
2. **Tell something about that plant you drew.**

CONCLUSION:

Plants are important to us because _____

_____

_____

_____

_____

_____

LIVEWORKSHEETS

I. Direction: Write the letter of the correct answer.

___1. What are the needs of plants?
- a. food, air, shelter
- b. air, water, sunlight
- c. water, clothing, air

___2. Where do plants grow?
- a. land
- b. water
- c. both a and b

___3. What do people get from plants?
- a. food
- b. medicine
- c. both a and b

___4. Where does a kangkong grow?
- a. desert
- b. other plants
- c. water

___5. Which does not show care for plants?
- a. stepping on plants
- b. watering the plants
- c. placing the sun where they can get sunlight

II. Direction: Where does each plant grow? Write land, water, or other plants on the blank.

_____**1. Banana**

_____**2. Water lily**

_____**3. Aloe vera**

_____**4. Mosses**

_____**5. Cactus**

III. Direction: Choose the letter of the correct answer to match each plant with the product it provides people.

_____1. 	A. Wooden table 

LIVEWORKSHEETS

Rice plant



_____2. Lagundi leaves



_____3. Cotton plant



_____4. Narra tree



_____5. Sampaguita flower

B. Clothing



C. perfume



D. medicine



E. cooked rice



LIVEWORKSHEETS