

FAIRCHILD TROPICAL BOTANIC GARDEN

Parts of a Plant

Objectives: Students will be able to recognize the basic parts of a plant.

Vocabulary:

| | |
|------------|----------|
| Leaf | Fruit |
| Stem/trunk | Seed |
| Flower | Seedling |

Materials:

Parts of a Tree: Papaya Tree Handout
Potted plant or pictures (with a flower if possible)

Procedure:

1. Gather the students around the plant or plant pictures. (Or go outside and stand around a plant in the schoolyard). Encourage them to observe the plant and discuss its features.
2. Ask the students to begin identifying the different parts of the plant.
3. Complete the Parts of a Tree: Papaya Handout.
4. Have each student draw a plant with a stem, leaves, roots, flowers, and fruit. Label each part on the drawing. This could be an imaginary plant, or their favorite plant from home or schoolyard.

Extension:

As you teach the parts of a plant, you may want to explain to the children that people eat different parts of a plant. Bring in familiar foods (or pictures of foods) representing all the parts of the plant. Discuss with students which parts of plants they think they eat. Show the foods or pictures. Have the students figure out which part of the plant each food is.

| Plant Part | Foods We Eat |
|------------|---|
| Root | Carrot, radish, beet, sweet potato, ginger |
| Stem | Asparagus, potato, heart of palm, bamboo shoots |
| Leaf | Lettuce, cabbage, spinach, tea, celery (stalk) |
| Flower | Artichokes, broccoli, cauliflower |
| Fruit | Tomato, orange, banana, grape, apple |
| Seed | Peas, beans, sprouts, coffee, chocolate |

FAIRCHILD TROPICAL BOTANIC GARDEN

Name _____

Parts of a Tree: Papaya Tree

Color the drawing of the Papaya Tree, and then draw an arrow from each box to the correct part of the tree.

Leaf

Fruit

Flower

Seed

Trunk

Seedling

