

## **Plant Parts**



### **Supplies Needed:**

Celery stalk with leaves  
Food coloring  
Jar  
Water

### **Optional helpful hints:**

When the celery stalks have been left in the water long enough you can

1. cut a cross section to see how the coloring transferred up the stalk.
2. peel a section of the veins for closer examination. (Photo below)

### **To Begin:**

1. Pour water into a jar and add food coloring.
2. Trim the bottom of the celery before placing it into the jar of colored water.
3. Check on the celery periodically and observe the progress of the food coloring rising up the stalk. The longer you allow the celery to stay in the colored water the more visible the changes will be.
4. Journal and illustrate your discoveries.



## Plant Parts - Roots



### **Supplies Needed:**

toothpicks  
small plant  
wax paper

### **To Begin:**

1. Loosen a plant from the container and lay it on a piece of wax paper.
2. Use a toothpick to loosen and remove as much dirt away from the root system as possible.
3. Record and illustrate your observations. Can you locate all of the plant parts?
4. Brainstorm any “I wonder...” questions that this experience evoked in the students and add them to a chart. This chart can offer some great continuations or extensions for future lessons.

## **Fun Kinesthetic Plant Part Song:**

Sung to the tune of Head, Shoulders, Knees and Toes.

Flower, leaves, stems and roots, stems and roots  
Flower, leaves, stems and roots, stems and roots  
Make seeds, make food, support the plant, collect  
Flower, leaves, stems and roots, stems and roots.

Motions:

Flower - raise your arms over your head in a circle like a ballerina

Leaves - hold your arms out to the sides of your body

Stems - bend forward and run your hands down your legs

Roots - touch your toes

Use these motions even during the third verse.