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## Parts of a Plant Activity for Kids

### Color Changing Celery DIY

 Duration: **15–30 min. setup + 3 days of observation**

 Difficulty: **Easy**

 Cost: **Low**

Make celery leaves change colors!

### Material List

- 2** Stalks of celery with leaves attached
- 2** Tubes of food coloring different colors
- 2** Clear glass cups
- 1** Pair of scissors adults only
- 1** Large container of water
- 1** Spoon for stirring

### Instructions

- 1** Fill each glass cup halfway with water.
- 2** Add 20 drops of food coloring to each.
- 3** Stir the water and food coloring.
- 4** Have an adult snip off the end of each stalk of celery.
- 5** Place each celery stalk into the cups.
- 6** Make observations over a few days.

## How It Works

The stem of a plant is strong and sturdy to help the plant stand up straight. It also lets water and other nutrients flow up it. The stem in this activity acts like someone sucking on a straw to drink colored water. Once the colored water gets to the leaves the food coloring builds up there and we can see the color of the leaves change because of the food coloring. The process is slow, but after a few days, the leaves are colorful!