



Science Fair Projects

Grades 3 to 5

Capillary Action

Purpose

To demonstrate osmosis and capillary action.

Materials

A couple of stalks of celery, three small glasses, food coloring, a knife, and a microscope if possible.

Experiment

Mix blue food coloring into a glass of water. Place a stalk of celery into the glass. The food coloring will begin to move up the stalk within a few hours. It will reach the top by morning.

***The water moving up the celery is called capillary action. In trees and roots it is called osmosis.*