

Stems or Straws?

The stem of a plant carries water from the roots to the leaves. It is sort of like a straw! Try the experiment below and find out what happens.

Materials:

Celery stalks with leaves or white carnations (but the stems are not translucent)

2 jars or cups

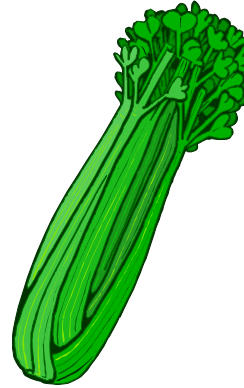
Red food coloring

Blue food coloring

Water

Masking tape

2 spoons



Directions

1. Cut off the bottom to create 6" stems.
2. Fill a jar or cup $\frac{3}{4}$ of the way with water.
3. Stir three drops of red food coloring in one jar and stir blue in the other.
4. Place a stalk of celery in each jar.
5. Check the stalks every hour and record the changes observed.