

COLOR CHANGING CELERY



MATERIALS

- 3 CELERY STALKS WITH LEAVES
- 3 CLEAR GLASSES OR JARS
- FOOD COLORING (3 DIFFERENT COLORS)
- KNIFE (+ADULT HELP)
- SPOONS

INSTRUCTIONS

1. FILL EACH GLASS OR JAR WITH WATER.
2. ADD A FEW DROPS OF FOOD COLORING TO EACH GLASS. YOU CAN USE DIFFERENT COLORS FOR EACH GLASS. USE A SPOON TO MIX.
3. HAVE AN ADULT CUT A THIN LAYER OFF THE BOTTOM OF EACH CELERY STALK SO IT CAN EASILY ABSORB (DRINK UP) THE WATER.
4. PLACE ONE CELERY STALK IN EACH GLASS, MAKING SURE THE BOTTOM OF THE CELERY STALK IS SUBMERGED IN THE COLORED WATER AND THE LEAVES ARE AT THE TOP.
5. LEAVE THE GLASSES UNDISTURBED FOR SEVERAL HOURS OR OVERNIGHT.

EXPLANATION

AS TIME PASSES, THE CELERY WILL DRINK UP THE COLORED WATER, AND ITS LEAVES WILL CHANGE COLOR. PLANTS DRINK WATER THROUGH THEIR STEMS, JUST LIKE WE DRINK THROUGH A STRAW. AS THE COLORED WATER TRAVELS UP THE STEM, IT REACHES THE LEAVES AND MAKES THEM CHANGE COLOR.

EXTENSION

EXPERIMENT WITH DIFFERENT COLORS AND LENGTHS OF CELERY.