

COLOR-CHANGING FLOWERS

Name: _____

QUESTION:

How does the length of a flower stem affect the amount of time it takes colored water to reach the petals?

HYPOTHESIS:



MATERIALS:

- ☐ 2 white flowers
- ☐ 2 clear cups
- ☐ Water
- ☐ Food coloring
- ☐ Scissors
- ☐ A ruler



PROCEDURE:

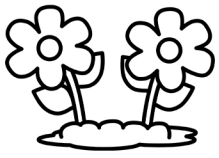
1. Fill each cup halfway with water.
2. Add 10-15 drops of food coloring in each cup, stir.
3. Adult trims 1 stem to 2 inches and the other to 6 inches.
4. Place each stem in colored water.
5. Set near a window.
6. Observe every few hours; record in journal.
7. After 24 hours, examine petals.

FINAL OBSERVATIONS:

Flower #1:
(2 inch stem)

Flower #2:
(6 inch stem)

CONCLUSION:



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OBSERVATION JOURNAL

1 HOUR:

2 INCH STEM

6 INCH STEM

2 HOURS:

2 INCH STEM

6 INCH STEM

4 HOURS:

2 INCH STEM

6 INCH STEM

6 HOURS:

2 INCH STEM

6 INCH STEM

12 HOURS:

2 INCH STEM

6 INCH STEM

1 DAY:

2 INCH STEM

6 INCH STEM