

Walking Rainbow



FIZZLEBOP SUPPLY LIST:

1. Seven clear eight-ounce (236 mL) glasses or plastic cups
2. Roll of paper towels
3. Food coloring (red, blue, yellow)
4. Four cups (946 mL) of water



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THE EXPERIMENT:

1. Put your seven clear cups in a row and fill the first, third, fifth, and seventh cups to the top with water.
2. Add ten drops of red food coloring to the first and seventh cups.
3. Add ten drops of yellow food coloring to the third cup.
4. Add ten drops of blue food coloring to the fifth cup.
5. Set aside six half-sheet paper towels. **FIZZ TIP:** If you only have regular-size towels, cut them in half lengthwise.
6. Fold your half-sheet paper towels in half lengthwise and in half again lengthwise.
7. To make your water rainbow “walk” more quickly, trim your folded paper towels so they are about eight inches (20 cm) long. Make sure the ends of the towels can reach the bottom of the next cup.
FIZZ TIP: If you're using taller glasses, you might need to leave your paper towels their full length.
8. Place one end of a paper towel in the first cup and the other end in the second cup. Do the same thing between the second and third cups, then the third and fourth cups, until you use the last paper towel to connect the sixth and seventh cups.
9. Now watch what happens!



DISCOVERIES:

What new colors appeared?

Did any of the colors “walk” quicker than the others?

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