

Capillary Rainbow

Duration: 1 day

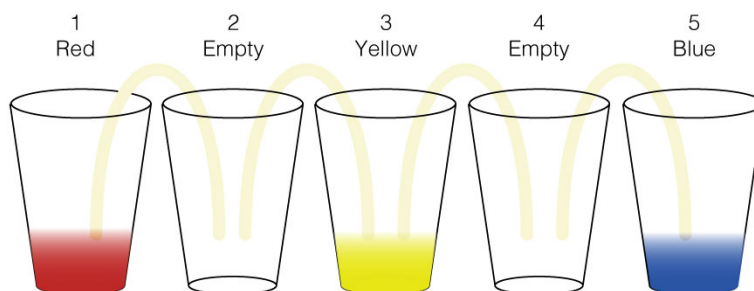
Suggested Age: All Ages!

Supplies

- 4 paper towels
- 5 Cups
- Measuring cup
- Water
- Food color (Red, Yellow, Blue)

Steps

- Roll each paper towel longways into straws
- Set 5 glasses next to each other on safe surface (glasses will be there for at least 1 day)
- Add 6 drops of **red** food color to first glass
- Add 2 drops of **yellow** food color to 3rd glass
- Add 2 drops of **blue** food color to 5th glass
- Fill the 1st, 3rd, & 5th glass with 1 cup of water
- Stir water to mix color
- Place paper towel straws into glasses as shown:



Make a hypothesis

- Make a hypothesis as to what will occur
- As you observe the experiment, note changes
- At the end of the experiment (approximately 1 day) see if your hypothesis matched your observations

What happened?

- This experiment is intended to demonstrate how plants transport water
- Colored water travels to the empty glass using capillary action
- Mixing primary colors creates secondary colors (Orange, & Green)