

LAB CARD

Kitchen Science with Mabby & Lid

E03 • Rainbow Bridge

Can water climb? Let's find out!



You need

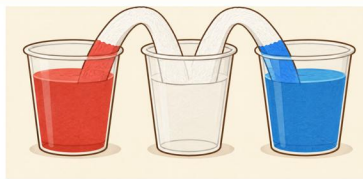
- 3 clear plastic cups (same size, about 9–12 oz) • water
- Red and blue food coloring (yellow for the challenge). It stains.
- 2 paper towel sheets (plain white) • a tray • an apron
- A clock or timer

Grown-Up Check



Always do experiments with a grown-up. Food coloring stains, so wear aprons and use a tray. Scissors are a grown-up job. Colored water is not for drinking. Keep the cups out of reach of little kids and pets while you wait. Clean up together.

Circle your prediction

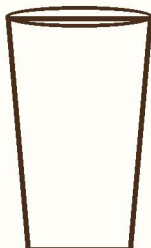


The middle cup will...

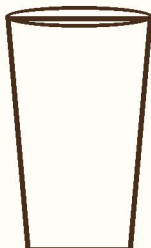
- ☐ PURPLE
- ☐ STAYS EMPTY

Draw what happened

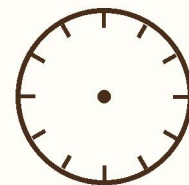
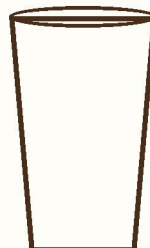
red



middle



blue



How long did it take?

Real kitchens: usually a few hours. Times vary.

Spoon-Tap line: "Hands up high for climbing, hands down low for stay."

Try next: Yellow + blue. What color will the middle cup turn? Predict first, then test it with a grown-up.

Checked in a real kitchen by: _____ Date: _____

Sparkwell Kids • Kitchen Science with Mabby & Lid • Free printable for home & classroom use • Always test with a grown-up.