

LAB CARD

Kitchen Science with Mabby & Lid

E02 • The Fizz Mystery

Which cup fizzes? Let's find out!



You need

- 3 clear plastic cups (about 16 oz / 470 ml), labeled A, B, C with tape
- Baking soda • plain white vinegar for cooking (about 5%, not cleaning vinegar) • water
- Measuring spoons (1 tsp, 1 tbsp) • a tray and a towel
- Safety goggles for everyone watching up close

Grown-Up Check



Always do experiments with a grown-up. Wear goggles. Vinegar stings eyes; if it splashes, rinse with plenty of water and tell a grown-up. Use plain white cooking vinegar. Small amounts in open cups only, never a closed bottle or jar. Not for drinking. Keep the baking soda box and vinegar out of reach. Clean up spills right away.

Circle your prediction



Cup A: baking soda + water

- ☐ FIZZ
☐ FLAT



Cup B: water + vinegar

- ☐ FIZZ
☐ FLAT



Cup C: baking soda + vinegar

- ☐ FIZZ
☐ FLAT

Draw what happened

A

B

C

Spoon-Tap line: "Thumbs up for fizz, thumbs down for flat."

Try next: Lemon juice + baking soda. Predict first, then test it with a grown-up.

Checked in a real kitchen by: _____ Date: _____