

Dancing popcorn

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Make corn boogie using science.

What you need

- Measuring jug
- Water
- Large glass jar
- Spoon
- 1 tbsp baking soda
- Popcorn kernels
- White vinegar

How does it work?

When you pour vinegar into water with baking soda, a chemical reaction begins. Vinegar is an acid and baking soda is a base. When the two substances are mixed, the chemical reaction releases carbon dioxide gas. The gas forms bubbles, and when enough of them surround a kernel, it rises. When it reaches the water's surface, the bubbles burst and the popcorn falls back to the bottom of the jar, making it look like the popcorn is dancing.



1 Fill a jug with water and pour about 200ml into a large glass jar.



2 Add in one tablespoon of baking soda and stir until it is fully dissolved. Add a handful of popcorn kernels (you don't need many).



3 Add 200ml of white vinegar to the jar. Stand back and watch the magic happen.

