



Air volume demonstration for children

Version 1

Unknown¹

¹Unknown

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ABSTRACT

Simple 5-minute experiment to demonstrate volume of air to children.

PROTOCOL STATUS

Working

Preparation

- 1 Take a large bowl and fill with water, almost to the top.



- 2 Get a dry cup that can fully fit inside the bowl.



- 3 Add tape to the bottom of the cup (double-sided or rolled up to be sticky from both sides).





- 4 Crumple a piece of napkin or paper towel.



- 5 Insert the paper towel into the cup, attaching to the bottom.



NOTE

The paper should be fully inside the cup, away from the open edge.

Experiment

- 6 Carefully push the cup, face down, into the bowl. Do not tilt the cup.



- 7 Submerge the cup fully, so the water covers the top of the cup.



- 8 Carefully lift the cup, removing it from the bowl without tilting. Once removed, tilt slightly and let the water drip off.



9 With your dry hand, remove the paper towel from the cup.



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