



What Is Science? (K-2 Version) Activity for Kids

Dancing Raisins DIY



Duration: **15-20 min**



Difficulty: **Easy**



Cost: **\$0 to \$5**

Conduct an experiment to learn why raisins appear to 'dance' in soda!

Material List

- 1 Small box of raisins
- 1 Bottle of clear soda
- 1 Cup of water
- 2 Tall glasses or plastic cups

Instructions

- 1 Pour the clear soda into a tall glass.
- 2 Put 10 raisins in the glass of soda.
- 3 Observe what happens to the raisins.
- 4 Next, pour water into a second glass.
- 5 Put 10 raisins in the glass of water.
- 6 Observe what happens to the raisins.

How It Works

When you place the raisins into the soda, tiny bubbles from the soda attach to the wrinkles in the raisins. As more and more bubbles collect on each raisin, the raisin will float to the top. Once at the top, the bubbles pop, release the gas and the raisin sinks to the bottom. This continues, and the raisins appear to dance. In comparison, when you place the raisins in water, nothing happens. Since there are no bubbles in water, no gas attaches to each raisin, so they just remain on the bottom of the glass.