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## Intro to Climate Change Activity for Kids

### Carbon Dioxide DIY



Duration: **5-10 min**



Difficulty: **Easy**



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

Learn how carbon dioxide gas can dissolve in water and change its properties!

### Material List

- 1 Plastic Bottle
- 1 Half cup of water
- 1 Ounce of Disappearing Ink
- 1 Straw
- 1 Pair of Safety Glasses

### Instructions

- 1 Mix 1 ounce of disappearing ink with 1 cup of water.
- 2 Put the straw into the bottle.
- 3 Blow bubbles and watch it change colors.

## How It Works

Humans breathe in oxygen and breathe out carbon dioxide. Some of the carbon dioxide gas dissolves in the water and changes its acidity. Disappearing ink has a chemical in it that changes color when the water becomes more acidic. In the real world, due to the increasing amount of carbon dioxide in the atmosphere, the oceans are becoming more acidic too. This can be harmful to plants and animals, like corals, crabs, and lobsters, which may not be able to form strong shells when the water becomes more acidic. It's one of the many alarming effects of increasing greenhouse gases.