

The Egg Experiment

Goal: To understand why putting an egg in vinegar will make the shell disappear.

Supplies: Vinegar, an Egg, and a Container or Glass.

Steps:

1. Fill your container of choice with vinegar.
2. Place an egg in the vinegar and leave it overnight.
3. That's it!

The Science:

Vinegar is an acid. Eggshells are made of calcium carbonate. If you soak an **egg** in **vinegar** the **eggshell** will absorb the acid and break down, or **dissolve**. The outside shell will become gas and will go into the air. Imagine your mother makes you a sandwich, but you don't want the crust. The crust is the eggshell and your mother is the vinegar. Your mother will remove the crust from the bread, just like the vinegar removes the shell from the egg!

What Happened?

Fill this space with a drawing or an explanation.