



## Egg Experiment

**Name:** Amy McAllister

**Date:** April 28, 2020- April 30, 2020

**Title:** Egg Experiment

### Material I Used :

**1 egg**

**1 cup**

**8 ounces of vinegar**

### Question:

**Is it possible to remove an eggshell without breaking the egg itself?**

**Hypothesis- What I think will happen:**

**By soaking a raw egg in a cup of vinegar for 48 hours, the acid in the vinegar will dissolve the eggshell.**

**Method- What I did:**

- I filled a cup with 8 ounces of vinegar and then I gently placed a raw egg in the cup.**
- I waited 48 hours before taking the egg out of the cup.**

**Observations:**

**5 minutes after putting the egg in the vinegar, the egg looks like it is fizzy and bubbling!**

**1 day after putting the egg in the vinegar, the egg started looking yellow and started floating.**

**2 days after putting the egg in the vinegar, the egg was removed. The shell was gone and the egg was bouncy! If it is bounced too hard, the egg can still break.**

**What my hypothesis correct: Place an X in the answer block**

Yes	xx	NO	
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**What did you learn?**

**Findings:**

**Eggshells are primarily made up of calcium carbonate, and when you soak an egg in vinegar, which is acidic, you start a chemical reaction that dissolves the shell itself.**

**I was surprised by how bouncy the egg was!**