

Bouncy Egg Science Experiment for Kids

Bouncy Egg Experiment: Did you know that you could make an egg bounce? Try the Bouncy Egg science experiment and see how it works!



This simple [science experiment](#) is a fun and not so messy way to **explore eggs without their shells!**

Items Needed for Bouncy Eggs:

- Raw Eggs
- White Vinegar
- Clear Jars
- Food Dye if Desired



How to Make Bouncy Eggs: Method

This experiment takes 48-72 hours so it will require kids be at an age to manage that level of patience.

1. Place egg in a tall clear container with a wide mouth. The **egg will expand with time so a wide mouth container is important.** Cover the egg with vinegar.



2. Have kids observe the eggs. Take note of what they see. Are there bubbles? What does the shell look like? Is the egg getting bigger? Smaller? Sinking? Floating?

3. After 24 hours change the vinegar. Be very careful not to poke a hole in the shell while doing this. Cover the egg with fresh vinegar and let sit for another 2-3 days!



We accidentally poked a hole in a shell of one of three eggs we had included in this science experiment.

While it did make that egg unable to bounce it was still pretty cool for observation.

So, it was a fail...but, it was a really cool way to see what the inside of an egg looks like!



4. In a couple of days, the shell should be completely gone! Gently rinse the eggs with warm water and explore their fun {yet *delicate*} membrane that covers the egg.



You've successfully made an egg without a shell. Now to **see if it can BOUNCE!**