

# RUBBER EGG EXPERIMENT

Can we make an egg turn rubbery and bouncy? Try this experiment to find out!

WARNING! This experiment uses eggs. Do not do this experiment if you are allergic to eggs.

## What you need:

- an egg
- vinegar
- jar or cup
- optional: food dye

## What to do:

1. Place the egg in the jar. Pour enough vinegar into the jar to cover the egg. Add food dye if you want.



2. Wait about two-three days. You have to be patient!

Here is the egg after about eight hours.  
The vinegar is bubbly and it looks like the top layer of eggshell is coming off.



After two days the vinegar is very bubbly around the egg and most of the shell is disintegrating.



3. Carefully take the egg out of the vinegar (one of mine broke when I was taking it out!). Write down what happened. How does the egg look? How does it feel? Has the eggshell gone? What do you think happened to the egg while it sat in the vinegar for a few days?



The egg felt rubbery and bouncy! What happens if you bounce it too hard? It breaks!

