

## A Cracking Eggs Experiment!

This experiment is not only really cool but may also turn out to be pretty useful, next time you're cooking dinner. All you need to get started is a couple of eggs.

### What do I need:

- 2 eggs (maybe more, it's addictive)
- A plate or bowl to catch the mess

### How do I do it?

**STEP1** - Whenever you need to break an egg you grab whatever is nearest to hand, often that's another egg! This experiment is all about breaking an egg, using another egg, don't worry it'll work better than you think!

**STEP2** - It's straight forward, you've just got to believe it's going to work! Simply hold an egg in each hand and bang them together to break an egg. (It's best to do this over a plate or bowl, so you don't get egg everywhere)

**STEP3** - Perfect, you've broken your egg! Not eggs, only one of the eggs will ever break when you bang them together!



### What's going on?

How come only one of the eggs break? It seems like they'll both smash into pieces but they don't!

It's all to do with the fact that

eggs are really brittle, so at the point where one of them breaks, that breaking disappates the force and saves the other egg!

### More Fun Please - Experiment like a real scientist!

- Seriously, will both eggs ever break? Stop trying before you run out of eggs!
- If you try a larger egg against a smaller, which is more likely to break?
- Does where on the egg you bang them together make a difference?

