

BOUNCY EGGS

What you need

An egg that has been soaked in vinegar for several days.

A tray for the mess.

A strong stomach 😊

What you do

Take the egg carefully in your hand.

Hold the egg at a height of 1cm, steady your hand, then drop.

See what happens.

Raise the egg to a height of 2cm, steady your hand, then drop.

See what happens.

Keep going til the egg doesn't bounce.

DON'T STAND TOO CLOSE!

What should happen

The egg should bounce for several drops BUT will eventually break.

Why this happens

The egg has been soaked in vinegar and the shell has been changed by a chemical reaction between the acid in the vinegar and the calcium in the shell. The calcium has been "eaten" by the vinegar and made the shell soft and rubbery.

Investigations from this experiment

What is the best type of vinegar to make a bouncy egg?

What is the best egg to make a bouncy egg?

What is the best amount of days to soak the egg to make the bounciest egg?