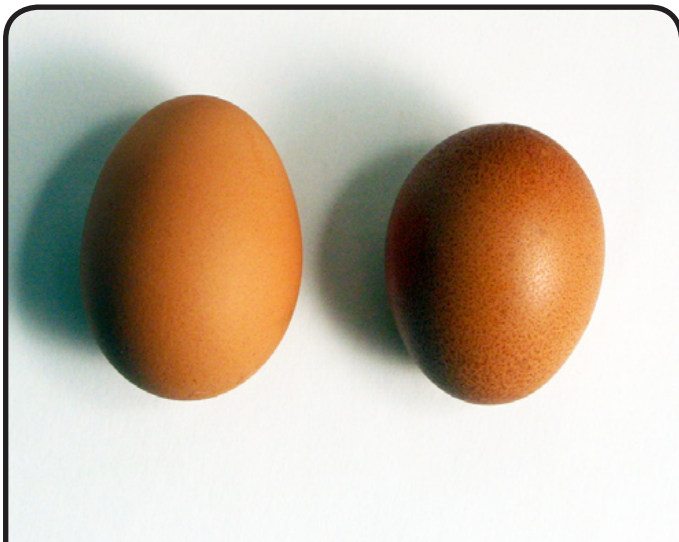
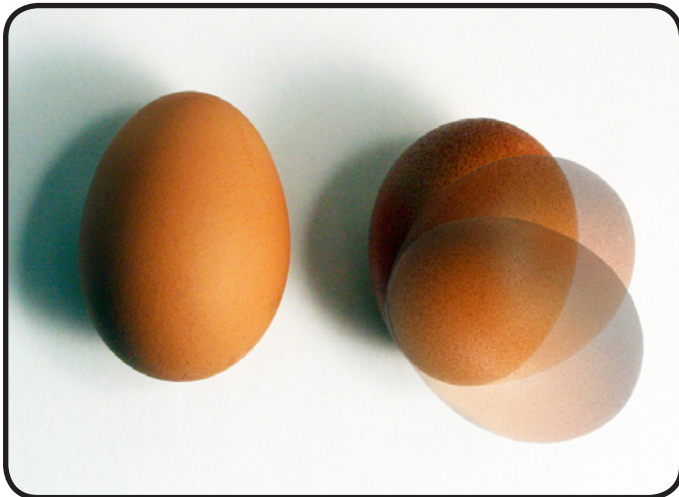


Science with Zoe & Cogs - Experiment 4

Amazing spinning egg!

Spin an egg and watch as you make it stand on its end!



Things you need:

- 1 hard boiled egg (ask a parent to boil one for you)
- 1 uncooked egg
- kitchen bench or table (a smooth hard surface)

What to do:

1 Start spinning both eggs on the bench.

2 Stop both eggs from spinning, then release them. What happens? The hard boiled egg stays still but the uncooked egg starts spinning again.

3 Now spin the boiled egg again. If it spins fast enough the egg will rise up on its end just like a top! If you can't get it to work the first time try again.

Science with Zoe & Cogs - experiment 4

Amazing spinning egg!



What's going on?

step 1 and 2

The uncooked egg starts spinning again! That's because the liquid inside didn't stop moving when you stopped the shell and so this moving liquid starts the egg spinning again.

step 3

This experiment amazes people because the egg appears to be defying gravity. The friction between the egg-shell and the bench top pushes the spinning egg up.

What else do you see?

Use this space to write about, and draw anything else you noticed while doing this experiment.