



Fluoride Experiment

Why do we use fluoride toothpaste and drink water that has fluoride in it? This experiment will show you why fluoride is such a vital partner in keeping your teeth strong, and in your overall oral hygiene and care.

What You'll Need:

- Bottle of fluoride rinse (from your dentist, or from your local pharmacy)
- 2 eggs
- White vinegar
- 3 empty containers

What to do:

1. First, pour enough fluoride rinse into one of the containers to cover the egg. Let the egg sit in the fluoride for 5 minutes, then remove the egg.
2. In the other two containers, put the egg that has been treated with the fluoride, and the egg that has not. Pour the vinegar into each of these containers, enough to cover the eggs.

What will happen: _____

1. What is happening to the egg that has been treated with fluoride?
2. What about the one that has not been treated with fluoride?
3. What do the shells feel like after you have left them in the vinegar for some time?