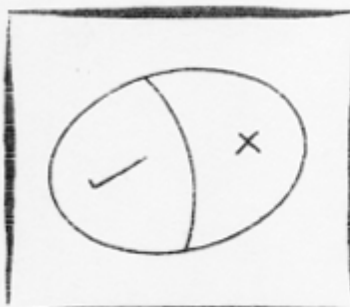


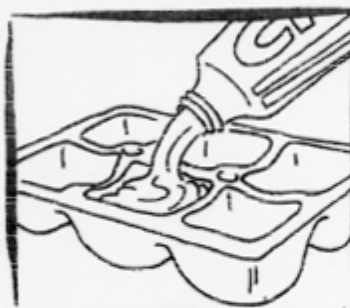
Fluoride for Strong Teeth

In this experiment the eggshell represents the tooth enamel (both contain calcium) and the vinegar represents the acid from plaque.

It is a dramatic way of showing how fluoride toothpaste strengthens and protects your teeth.



1. Mark the egg with the waterproof pen as shown



2. Fill one section of the egg box with the fluoride toothpaste



3. Carefully press the half of the egg marked with (✓) into the paste. Leave for at least 2 days



4. Carefully wipe the toothpaste off the treated half of the egg. Place in a glass of the white vinegar. In a few seconds, bubbles will appear on the untreated half of the egg marked (X), as the acid begins to attack the shell

For this experiment you will need:

- A raw egg
- WHITE vinegar
- A tube of fluoride toothpaste
- An egg box
- A clear glass
- A waterproof felt tip pen



5. It will take much longer for bubbles to form on the treated half because the shell has been protected by the fluoride it absorbed from the toothpaste