

In our **Science** topic on **Teeth**, we conducted an investigation into the effects of sugary drinks on egg shells.

We chose coca cola, milk, orange juice, diet lemonade, vinegar and water as the drinks.



First, we covered half of the eggs in toothpaste to see if that prevented any damage.



Next we put 1 egg into each cup and covered them in one of the liquids.



Then we left them for 3 days to see if the egg shells changed at all.



Finally, we dropped them all from the same height to see if the shells would survive intact.



Some of the effects we discovered were: slight cracking, discolouration, a 'bubbles-pattern' on half of the shell, and some softening of the shells. Which liquids do you think caused which effect?