

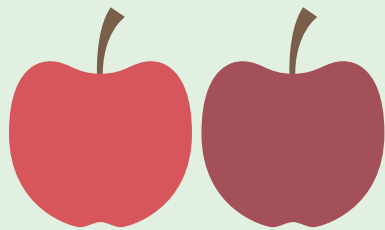
SCIENCE BY THE MOUTHFUL



HOLE IN ONE

You already know that getting a cavity in your tooth is a bad thing. But do you know why? This experiment will help you see what happens when you get tooth decay.

YOU WILL NEED:

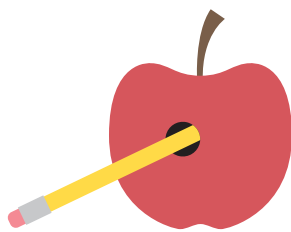
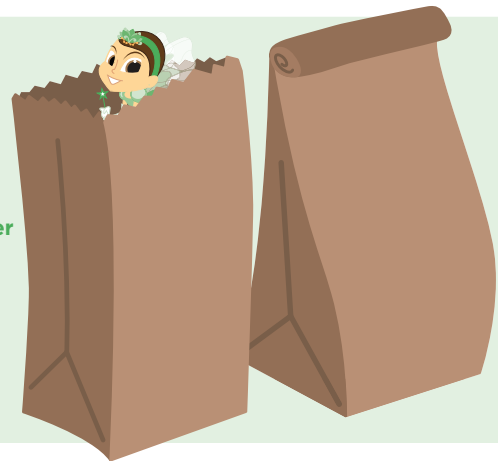


2 apples



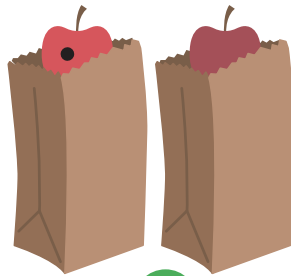
1 sharpened pencil

2 paper bags



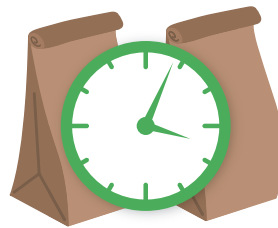
1

Use the pencil to poke a hole in one of the apples.



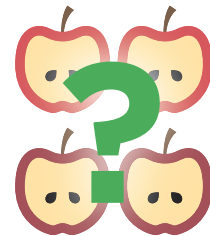
2

Place the apple with the hole in one of the paper bags and the undamaged apple into the other paper bag.



3

Let the apples sit for at least 24 hours.



4

Remove the apples from the bags and observe the difference. Have an adult cut the apples in half to see the inside.



The apple with a hole is like a tooth with a cavity. The other apple is like a healthy tooth. What happened to the tooth with the hole? What did the inside look like?

Now you can see why brushing and flossing every day is important to keep your smile healthy! If you do get a cavity, your dentist can help make your tooth healthy again. Make sure you visit the dentist regularly for checkups!