



Acid Experiment

Do you ever wonder what acidic drinks like sports drinks, lemonade and soda do to your teeth? Here is a fun experiment you can do at home that will show you what acids can do to bones (bones are rich in calcium, just like your teeth).

What You'll Need:

- 2 clean bones (chicken bones are fine)
- A container to do the experiment
- White vinegar

What to do:

Pour the vinegar in the container enough to cover the bones. Soak them overnight.

What will happen:

1. Observe the bones after they have been soaking in the vinegar for the night.
2. Did they get softer or harder?
3. Do you think your teeth get stronger or weaker when you soak them in acidic environment?
4. Bonus question: What would make our mouth an acidic environment? Soda and juices vs water? Dried fruit vs. fresh fruit? Sticky starch vs cheese ? Slow eater vs Normal 30 min- 40 min eater? Eating frequent snacks vs. Eating 3 meals a day.