

Big Idea

Chemical Reaction



Procedure

1. Cut the paper so it is as wide as a roll of Mentos.
2. Make a tube around the Mentos and tape the tube closed.
3. Using tape or paper close off one end of the tube.
4. Place the Mentos in the tube.
5. Place the open bottle of diet coke on a flat area that can get wet and messy.
6. Place a piece of paper on the opening of the bottle.
7. Place the open end of the Mentos tube on the paper.
8. When ready pull the paper out and watch the Mentos fall into the bottle (move away quickly!!)



Materials & Equipment

- Paper
- Scissors
- Tape
- 1 roll of Mentos
- 2L Bottle of Diet Coke
- Outside area that can get wet/messy

What Happened?

The Diet Coke is filled with Carbon Dioxide to make it bubbly.

Mentos look smooth to our naked eye, but if we put them under a microscope, we would see they are full of tiny scratches, dents and bumps.

The Carbon Dioxide collects on these spots and forms bubbles that shoot out the top of the bottle.

