



SODA GEYSER

Ingredients

- Mentos
- Sheet of Paper
- Tape
- Index Card
- 2-Liter Bottle of Soda

Science Term

- **Carbon Dioxide** – One of the many gases naturally found in the air.

Instructions

STEP 1: Create a launcher tube by rolling the sheet of paper into a tube. Make sure the tube is a little bigger than the diameter of the Mentos candy. Use the tape to hold the paper in place.

STEP 2: Open the 2-liter bottle of soda, place the soda on the

ground, and put the index card over the opening.

STEP 3: Load the candy into your launcher tube.

STEP 4: Place the launcher tube directly above the opening of the 2-liter bottle of soda. Keep the index card between the bottle and your launcher tube.

STEP 5: Quickly remove the index card allowing the Mentos to fall into the 2-liter bottle of soda. Stand back and watch the soda geyser.



Explanation

The tiny dents on the surface of the Mentos are perfect nucleation points. When the Mentos are dropped into the soda the carbon dioxide gas bubbles in the soda attract to these tiny dents. When this happens there is a rapid release of carbon dioxide gas creating a soda geyser.

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