

Science Lab



2



6. Coke geyser

Topic: Chemical reactions

Objective: Students will explain what happens when they put two substances that, due to their properties, create a chemical reaction and learn about the importance of not mixing certain food products and beverages.

Vocabulary: substance, mix, mints, get away

Materials:

- Two liters of Diet Coke
- 5 or 6 mints
- White paper sheets

Development:

- **Read and look at the pictures.**

Step 1. Do the experiment outside.

Step 2. Optional - get a piece of paper into a funnel shape – make sure there is an opening at the bottom part.

Step 3. Let the mints slide into the bottle of Coke – you can use the funnel or just your hands. Get away immediately.

Step 4. Observe the reaction of the mints in the Coke.

Step 1.



Step 2.



Step 3.



Step 4.



Tell us...

Read and put a tick (✓) or a cross (X).

1. You used soda in the experiment.
2. It was an indoor activity.
3. The foam could not stay in the container.
4. The bottle broke – it let the foam come out.
5. For the project, you needed some stones.

Glue a picture of your project finished!

Coke geyser

Glue your
picture here
:)

1. What was your favourite part of the project? _____.

2. What, exactly, did you like the most?

_____.

3. Extra notes on what you observed during the project. _____

_____.

4. Can you see or apply the information from the project in real life? YES / NO

Explain: _____

_____.

5. Was it easy to get the materials for the project? YES / NO

Explain: _____

_____.