

# Homemade Rocket

Conduct your very own science experiment at home with only two ingredients! Be warned, this gets very messy so make sure to be outside and have adult supervision and permission.

## Materials

- 1 Pack of Mentos
- 1.2L Bottle of Diet Coke (Diet Coke is preferred as it uses artificial sweeteners instead of sugar, so it's not so sticky)

- 1 Carefully open your Diet Coke bottle and place outside on a flat surface so it will not tip over.
- 2 Quickly drop your Mentos into your Diet Coke bottle, we recommend starting with one Mentos.
- 3 Run away! Don't forget to look back at the amazing eruption!
- 4 Do it again! Experiment with different amounts of Mentos to see the differences in eruption. Try and aim for 7 Mentos!

To quickly add in the Mentos at once, roll a piece of paper into a tube big enough to hold the loose Mentos. Cover the bottom of the tube with your finger, and position the tube directly over the mouth of the bottle. When you pull your finger out of the way, all seven Mentos should fall into the bottle at the same time.

### Did you know?

The Mentos causes the production of more and more carbon dioxide bubbles. The rising bubbles react with the carbon dioxide resulting in an eruption!



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