

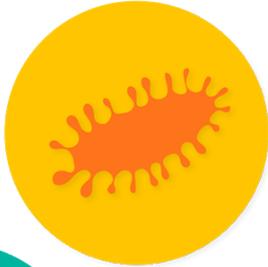


STEAM Experiments

Try This At Home



Orange Fizz



You will need:

An Orange or Clementine

1/2 Teaspoon Baking Soda

Cut the orange into slices or peel separate into sections

Dip a slice or section into the baking soda so you get a small amount of soda on your orange

Take a bite! As you chew, it should start to bubble in your mouth

How does it work?

Oranges and other citrus fruits are filled with citric acid. It is a safe acid, and it's what gives oranges, lemons, and limes their sourness. Baking soda is a base, the opposite of an acid. It doesn't taste very good on its own and will give you a tummy ache if you eat a lot of it. As the citric acid and baking soda mix, it makes millions of carbon dioxide bubbles, the same gas you breathe out, and the same one that makes soda so fizzy.

Borrowed from sciencefun.org

