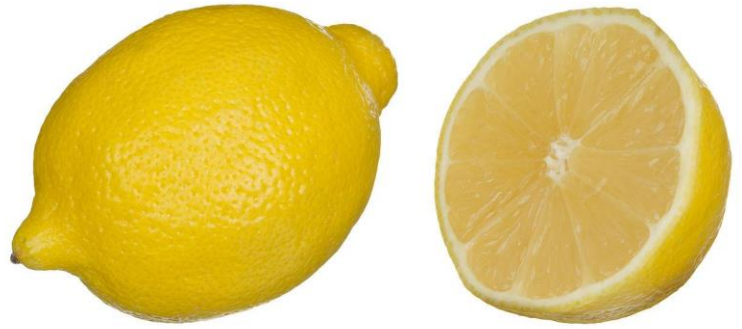


# OH WOW!

## Invisible Ink



### Materials:

- Paper
- Cotton swab
- Lemon
- Heat Source (a lamp, blowdryer, etc.)

### Procedure:

1. Squeeze the lemon into a glass. You can add water to the lemon juice if you wish.
2. Dip your cotton swab into the lemon juice and start writing your secret message.
3. Be sure to let your message completely dry.
4. Have an adult help on this step! Hold up the sheet of paper with your message on it to a heat source and watch your message appear!

### The Science Behind It:

Lemon juice is an organic material. This means that when heated, the lemon juice oxidizes and turns brown. Oxidation is a chemical reaction where one material gives away electrons. One example of oxidation you might have seen is rust.

### Try This:

Try this experiment with other substances you can find around your house! Some examples include milk, vinegar, and honey.