

## How to Make Invisible Ink: Instructions and Tips

**Description:** Have you ever wondered how secret agents can write messages in invisible ink? Now you can do so yourself! In this activity, you will learn how to make your own message in invisible ink, how to reveal your message and the chemistry behind it.

### Materials:

- 1 cup of water
- 1 tablespoon of baking soda
- Measuring cups
- A spoon
- Q-tips
- A piece of paper
- A cup
- A bowl

### Instructions:

1. Measure out 1 cup of water and 1 tablespoon of baking soda.
2. Combine both ingredients in a glass or bowl and mix together with a spoon.
3. Take a Q-tip a dip in the baking soda solution.
4. Treating the Q-tip like a pen/pencil, write a message with the solution. Make sure you do not use too much or it might take a while for the paper to dry.
5. Let the message dry for 5-10 minutes or until completely dry.
6. Pour a small amount of grape juice concentrate into a separate bowl.
7. Take a Q-tip and dip it into the grape juice concentrate. Rub the Q-tip across the message to reveal it!

Tips: *Where to find grape juice concentrate and what does it look like?*

You can find grape juice concentrate in most grocery stores. I found mine at the local Fred Meyer. (please be safe and social distance while shopping)



**Activity Presenter ~ Grace Scuderi:** Hello everyone! My name is Grace Scuderi and I am the creator of the invisible ink video you may have watched. I am a second-year at OSU studying Biochemistry. English is my primary language but I have tried to continue to stay somewhat fluent in Spanish. My plans for the future are to go to Medical school and hopefully become a pediatrician.