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| Create invisible ink with lemon juice**Invisible Ink with Lemon Juice**  Making invisible ink is a lot of fun; you can pretend you are a secret agent as you keep all your secret codes and messages hidden from others. All you need is some basic household objects and the hidden power of lemon juice. |  |  |

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| **What you'll need:**   * Half a lemon * Water * Spoon * Bowl * Q Tip * White paper * Lamp or other light bulb     **Instructions:**   1. Squeeze some lemon juice into the bowl and add a few drops of water. 2. Mix the water and lemon juice with the spoon. 3. Dip the Q Tip into the mixture and write your name onto the white paper. 4. Wait for the juice to dry so it becomes completely invisible. 5. When you are ready to read your secret message or show it to someone else, heat the paper by holding it close to a light bulb.     **What's happening?**  Lemon juice is an organic substance that oxidizes and turns brown when heated. Diluting the lemon juice in water makes it very hard to notice when you apply it the paper, no one will be aware of its presence until it is heated and the secret message is revealed. Other substances which works in the same way include orange juice, honey, milk, onion juice, vinegar and wine. |