

Rock Candy Crystallization Instructions

Description: Have you ever wanted to make your own candy? Now you can with this simple science experiment using materials you already have in your house! In this experiment, you will utilize the properties of solubility in order to form candy crystals. Seek parent permission/help before starting.

Materials:

- 1 cup water
- 3 cups sugar
- 1 pan
- 1 tall glass/beaker
- Wooden rods/skewers
- Clamps or rubber bands or string
- Optional use of food coloring &/or flavoring



Instructions:

1. Dunk 2-3 of the wooden rods in water, coat them with sugar and set to dry in a clean area.
2. Combine 1 cup of water with 3 cups of sugar in a medium-sized saucepan.
3. Place sugar & water in saucepan over medium heat until the mixture starts to boil. Stir throughout the heating process.
4. If desired, add food coloring &/or flavoring and mix well.
5. Once boiling, carefully pour contents into glass/beaker with the permission/help of a parent.
6. Suspend previously sugar-coated wooden rods in mixture using clamps, rubber bands, or string.
7. Wait for crystals to form.
8. Enjoy!

Tips:

The longer you wait for your crystals to form, the bigger they will be!

I personally used chip clamps to suspend my wooden skewers in the solution.

Activity Presenter- Cambria Cross

Hi! My name is Cambria Cross and I have created the rock candy crystallization video for you to watch and learn how crystals are formed. I am a junior at Oregon State studying BioHealth sciences and applying to medical schools within the next year. My future plans are to go into Emergency Medicine after medical school, but am also open to other opportunities the medical field has to offer!

