



Rock Candy

Students will learn the basics of physical changes by creating colorful, edible experiments!

K - 2nd Grade

Materials

- ◆ Sugar
- ◆ Cups
- ◆ Popsicle Sticks
- ◆ Food Coloring
- ◆ Clothes Pins
- ◆ Aluminium Foil
- ◆ Flavor Extracts (optional)

Click the rock candy below to see how its done!



Directions

1. Bring a pot of water to boil (**parental supervision required**).
2. Slowly add in sugar little by little until the sugar no longer dissolves (about 3:1 ratio of sugar to water). Then allow to cool fully.
3. Take a popsicle stick and wet half of it. Take the wet half and coat it with small layer of sugar.
4. Add food coloring and extracts to the cup.
5. Pour the sugar solution into the cup.
6. Place the stick (sugar end) into the cup. Use the clothes pins to keep the stick from touching the bottom.
7. Wait 7-10 days for rock candy to form.
8. Remove the rock candy. Allow to dry fully before eating.

Things to try!

1. If you mix two or more colors, what happens?
2. How does the candy look after one day? Three days? Five days?

