



**ACADEMY
SCIENCE CAMP**
from home

Homemade Crystal Candy

Crystals are a kind of solid matter that are arranged into various geometric shapes. They occur naturally or can be created artificially, coming in many shapes, sizes and colors. Animals consume certain kind of crystals, such as sugar and salt. At home, you can easily see how crystals form. As a bonus, you can eat them after they form!

Know before you begin

- This activity is done inside the kitchen
- All supplies are easy to find
- Adult supervision is recommended
- Please choose a safe space to create

Materials

- Two cups of water
- Four cups of sugar
- Food coloring (optional)
- Flavoring (optional)
- Kitchen twine or string
- Pot
- Glass jars
- Tape
- Pencils



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Instructions

1. Clean the jars thoroughly. Wrap string around pencil and tape in place so string hangs freely in the jar with the end one inch above the bottom.
2. Wet strings. Roll them in sugar and set aside.
3. Bring the water to a boil. Add sugar one cup at a time until dissolved. Add optional food coloring or flavor. Let it cool for ten minutes. Pour into jars.
4. Gently lower strings into the jars, crystals will start to form in several hours.
5. Wait at least 24 hours before removing strings to eat the crystals. Don't wait too long! They'll keep growing!

