

Easy Salt Crystals



Materials

- ½ cup water
- ¼ cup -½ cup table salt
- string or yarn

Procedure

- Boil water
- Slowly stir in as much table salt as you can. Start with ¼ cup and keep adding salt until you see salt grains that will not dissolve.
- Pour the solution into a clean glass container.
- Tie a string around a pencil and suspend the string(s) in the solution. (I dangled my yarn over the side of the glass. Using a pencil will make it less likely to fall in.)
- Place the container in a safe place.
- Check back over the next couple of days to see what happens!

Experiment

Create 2 solutions: Place one in a sunny spot and one in a shady spot. Compare the size and shape of the crystals.

Eggshell Geode Crystals:



Materials

- eggshells
- water
- table salt
- food coloring
- mini-muffin tin or other container (to hold the eggshells upright)

Procedure

- Crack an egg.
- Clean the eggshells using hot water. Then gently pull the skin (egg membrane) out of the inside of the shell with your fingers.
- Use a mini-muffin tin to hold the shells upright.
- Boil a $\frac{1}{2}$ cup of water .
- Add about a $\frac{1}{4}$ cup of salt into the water. Stir it until it dissolves.
- Continue stirring and adding small amounts of the salt until the water is saturated..
- Add food coloring.
- Pour your solution into each eggshell, filling it as full as possible.
- Find a safe place to put your shells while the water evaporates. (Crystals will form inside the eggshells as the water evaporates)
- Observe the shells over a period of several days.

Variation:

Follow the directions except substitute the table salt with one of the following: Rock salt, sugar, baking soda, Epsom salts, sea salt, Borax, or cream of tartar.