



Salt Crystal Feathers



Activity:

Grow your own salt crystals on a feather.

Supplies:

- craft feather or real feather
- glass or clear plastic jar
- clothespin
- container of iodized salt (one 26-ounce box is enough for 3 feathers)
- water
- pot to boil the salt water
- stovetop burner

Instructions:

1. Fill the jar with water
2. Pour the water into the pot
3. Add some salt and start to heat the water until it boils
4. Keep adding salt until it forms a layer on the top of the water (it kind of looks like ice)
5. Pour the salty water into the mason jar
6. Grab the end of a feather with a clothespin
7. Dip the feather into the jar by placing the clothespin over the top of the jar
8. Set the jar in a sunny window
9. After 3 days, remove the feather from the jar and let it dry overnight
10. The next day, you will see crystals covering your feather!
11. Talk about how the crystals formed: there was so much salt in the water that when the water dried, the salt had nowhere to go. So the salt hardened into crystals on the feather.

Sources:

<https://stayathomeeducator.com/space-theme-grid-games/>