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## SALT CRYSTAL GROWING EXPERIMENT

Hey Kids! Try this fun experiment to learn more about growing mineral crystals. You will need:

- Clean Jar
- String (we prefer cotton)
- Scissors
- Tape (optional)
- Pencil
- 1-2 Cups boiling water (get your parents help)
- 1-2 Cups table salt
- Notebook
- Camera (optional)



**Step 1:** Boil the water and then transfer it to your clean jar.

**Step 2:** Pour in enough salt to saturate the water. Stir until all of the salt that can dissolve is dissolved. If you see salt crystals in the bottom of your jar that will not dissolve then you have probably saturated your water and are ready for Step 3.

**Step 3:** Tie a piece of string to a pencil and hang the string in the water. Rest the pencil across the top of your jar and tape it in place if necessary. Make sure that the string does not touch any of the salt at the bottom of the jar.

**Step 4:** Leave the string in place over night.

### Observe:

The next day, take the string out of the jar and observe if salt crystals have formed on the string. Salt crystals may take some time to get large so if you want to grow large crystals, replace the salt water solution daily. Don't forget to document your experiment. We would love to see photos of your crystals.

**CONGRATULATIONS! YOU ARE A TRUE MINI ME GEOLOGIST!**

