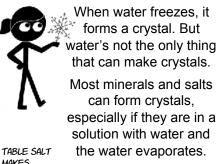


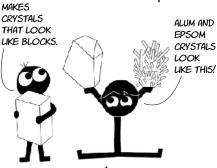
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SCIENCE MOM'S Guide to WATER, Part 6







WHAT IS THIS CRYSTAL MADE OF?

Name	Chemical Formula		
Table Salt	Sodium Chloride (NaCl)		
Alum	Hydrated potassium aluminum sulfate (KAI(SO ₄)*12H ₂ O		
Borax	Sodium tetraborate (Na ₂ B ₄ O _{7*} 10H ₂ O)		
Sugar	Sucrose (C ₁₂ H ₂₂ O ₁₁)		
Epsom Salt	Magnesium sulfate (MgSO ₄)		
Quartz	Silicon dioxide (SiO ₂)		
Diamond	Carbon (C)		

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tricky, so a lot of

But this is quite



don't pour it directly into the salt water. ide of the cup just above the salt water pour the water onto a spoon held by the water are the same temperature and then Tip: Make sure the salt water and plain

observe if they sink or float. c) Place the eggs in the jars and layering the tap water on top. way with salt water, and then and one by carefully filling it half plain water, one with salt water, b) Fill 3 jars or cups. One with to room temperature.

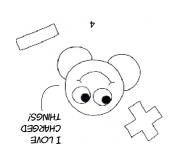
s) Prepare salt water and let it cool

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• Edds Tap water • 3 jars or cups · Salt water

Materials:

2. Halocline plus Eggs



tor the water to be attracted to. pecause they have charged or polar particles Water can dissolve most salts and minerals



growing larger salt crystals. jar makes excellent seed crystals tor the sait that forms on the bottom of the c) Wait several days. Observe. carefully transfer to jar or cup.

b) Stir until dissolved. Let cool and 3 Tablespoons of salt. a) Heat 1 cups water and stir in

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 Salt (non-iodized works best) • Jar or cup Water

Materials:

1. Reappearing Salt

3. Eggshell Geodes

Materials:

- Water
- · Jars or cups
- Alum Eggshell
- · Food coloring · White glue

Method:

- a) Heat 2 2/3 cups of water and add 1/2 tsp food coloring and 1 1/3 cup of alum powder.
- b) Stir until dissolved, and then carefully transfer the solution to two heat proof jars. Hotter water makes larger the crystals. Cooler water makes smaller sized crystals.
- c) Optional: Seed the inside of the eggshell with glue and sprinkle alum powder over surface.
- d) Place eggshell in alum solution and let sit for 12-24 hours.





4. Borax Snowflakes

Materials:

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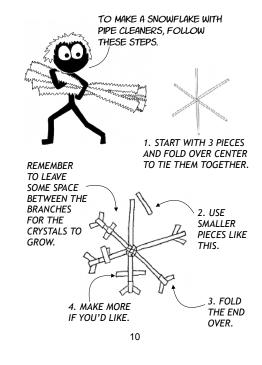
- Water
- · Pipe cleaner

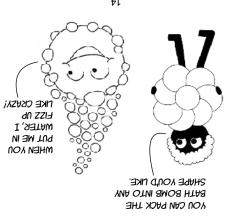
ARE YOU SURE

- String Borax powder
- · Jars or cups · Food coloring
- · Pencil or piece of cardboard

Method:

- a) Heat 4 cups of water and add 1 cup Borax. Stir well.
- b) Take three pipe cleaners and fold into a snowflake shape.
- c) Suspend the snowflake in the borax solution using the string and cardboard or pencil.
- d) Wait 12 to 24 hours and then remove from solution. To preserve the crystal, coat it with clear nail polish.





HORATS CORN SODA SAKING

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d) Carefully remove egg or ball. and let sit 24 to 48 hours. ornament balls or other molds c) Pack the mixture into clear

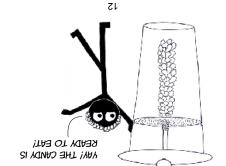
a fork or whisk. mixture into the dry mixture using and very slowly combine the wet b) Mix the wet ingredients together Ima bowl.

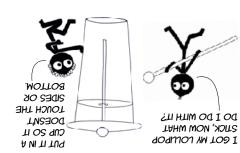
a) Mix the dry ingredients together

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- 1/4 tsp essential oil molds
- Plastic lio qedT 1 •
- coloring • 1/4 C epsom salt • 1/3 C cornstarch • Food
- 1/4 C citric acid • 1/2 C baking soda • 1 Tbsp

Materials: 6. Bath Bombs





extracts for flavoring. Tip: You can add lemon juice or other

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d) Remove when your candy is the suspend the sticks inside. cooled, pour it into cups and c) After the sugar solution has then roll them in sugar. Let dry. p) Dip the sticks into the syrup and sugar. Bring it to a boil.

and mix in 3 1/2 cups of white a) Heat 1 cup of water to boiling

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or cake pop stick.

Wood popsicle

• Sugar · Cardboard

• Jar or cup Water Materials:

5. Rock Candy

\mathbf{B}	A		
B			D
F	E	E	b
E	G		