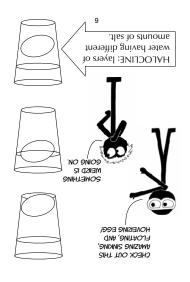


SCIENCE MMM



SCIENCE MOM'S Guide to WATER, Part 6



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

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, p) Fill 3 Jars or cups. One with to room temperature. a) Prepare salt water and let it cool

:poq;əM

s66∃ • Tap water 3 jars or cups Salt water

Materials:

2. Halocline plus Eggs



TT'S SO

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

· Jars or cups

Food coloring

· White alue

3. Eggshell Geodes

Materials:

Method:

Water

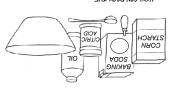
Eggshell

• Alum

- 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.

FIZZ UP NI 3W INd SHAPE YOUD LIKE. YNA OTNI AMOA HTAA YOU CAN PACK THE



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 in a bowl.

13

s) Mix the dry ingredients together

water

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Materials:

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

e. Bath Bombs

• 1/4 C citric acid

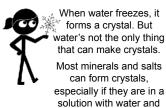
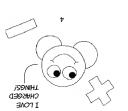


TABLE SALT the water evaporates. CRYSTALS ALUM AND THAT LOOK LIKE BLOCKS. EPSOM CRYSTALS LOOK LIKE THIS!



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



LOOK AT



LOOKS LIKE WATER. THERE'S SALT IN HIS LON SURE

4. Borax Snowflakes

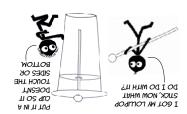
Materials:

- Water Pipe cleaner
- · 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

READY TO EAT!



MADE OF? Name Chemical Formula

WHAT IS THIS

CRYSTAL

Table Sodium Chloride (NaCl) Hydrated potassium Alum aluminum sulfate (KAI(SO₄)*12H₂O Sodium tetraborate Borax (Na₂B₄O_{7*}10H₂O) Sugar Sucrose (C₁₂H₂₂O₁₁) Epsom Magnesium sulfate Salt (MgSO₄) Quartz Silicon dioxide (SiO₂) Diamond Carbon (C)

reduirea. sı əsuəned tricky, so a lot of ətiup si sidt tuð growing larger salt crystals.

lar makes excellent seed crystals tor The salt that forms on the bottom of the

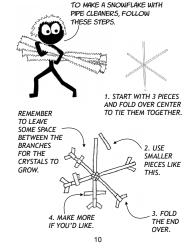
c) Wait several days. Observe. carefully transfer to jar or cup. p) Stir until dissolved. Let cool and 3 Tablespoons of salt. 9) Heat 1 cups water and stir in

:poq;əM

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

Materials:

1. Reappearing Salt



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

desired size. 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) Dib 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 :poq;əM

> or cake pop stick. Wood popsicle

• 2ndar Cardboard water

Materials:

2. Rock Candy

$\mathbf B$	A	A	X
B	C		D
F	E	I	D
E	G	Ð	X