

Check out my YouTube Channel! www.youtube.com/ScienceMom



homogenized milk.) (Dujesa you make an emulsion, like with hydrophobic, they won't stay mixed. If you mix water with something





it mixes so well that it won't come hydrophilic, it makes a SOLUTION If you mix water with something

SCIENCE MOM'S Guide to WATER, Part 5



The water was salty. They had reached the OCEAN.

Tear of water

aidondqoabyH

Love of water

allidgoabyH

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Some liquids have water in them:









SCARY AS YOU ARE.



AA37=Bidod9

France and French culture. ERANCOPHILE: someone who loves







Ocean in a bottle

Materials:

- Water • Oil
- Plastic or glass bottle with lid
- · Food coloring

Method.

a) Pour water and oil into a bottle. b) Add food coloring and shake the bottle gently to color the water. c) Tip the bottle from side to side to observe waves and the beautiful movement of the liquids.

To make a small boat, use plastic pony beads as the body of the boat, a small piece of a toothpick as the mast, and thin plastic or tinfoil for the sail. Carefully assemble with hot glue.

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It may take a bit of experimenting to build the right boat:







2. Lava Lamp Materials:

Water

- Oil
- Food coloring Plastic bottle
- Alka-Seltzer or other effervescent antacid tablet

- a) Place three times as much oil as water into a plastic bottle. b) Color the water with food
- coloring. c) Add the antacid tablet and
 - watch the beautiful show of color and movement as the water is carried up.

<u>WARNING</u>: DO **NOT** PUT THE LID ON THE BOTTLE.





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and cup to pour water onto the c) CAREFULLY use the long pole

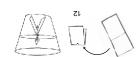
b) If the oil does not catch on fire and heat the oil in the skillet. a) Place the camp stove OUTSIDE

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- to a long pole. Cup of water attached
- Matches • Camp stove • Skillet IIO • Materials:

WARNING! DO NOT DO THIS EXPERIMENT INSIDE. ONLY DO THIS INVESTIGATION IF YOU HAVE ADULT PERMISSION AND ADULT SUPERVISION.

4. Grease Fire Explosion



oil and light the paper wick. then place the holder in the and thread it through the hole, c) Koll up a piece of tissue paper hole in the center.

b) Fold it in half and cut a small plastic to hold the wick. a) Cut out a piece of cardboard or

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dno. · Cardboard · Matches IIO •

WARNING! ONLY DO THIS INVESTIGATION IF YOU

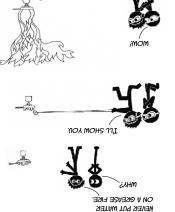


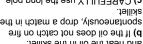
SITUATION HOPELESS. BUT OUR HERO?

LEJIOL (NH 'JIO MY ONLY SUPPLIES ARE A MATCH BOX,

CAVE WHEN THE BATTERIES IN THEIR
FLASHLIGHT DIED... THE HERO WAS TRAPPED IN A DARK







• Water (optional)

Lissue paper

Materials:

3. Oil lamp

B	A	A	X
B	C		D
F	E	A	D
E	G	Ð	X