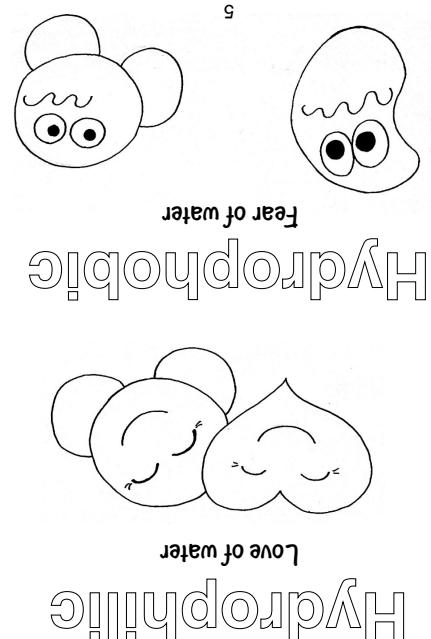
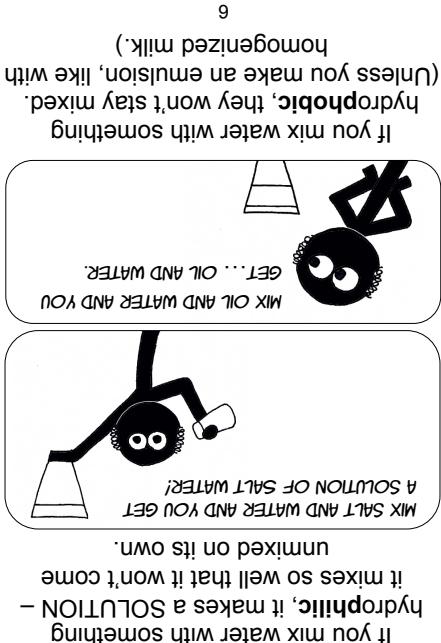
**SCIENCE MOM**

JENNYBALLIF.COM

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**1. Ocean in a bottle****Materials:**

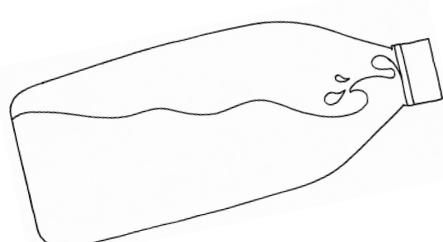
- Water
- Oil
- Plastic or glass bottle with lid
- Food coloring

**Method:**

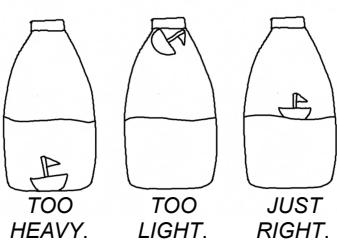
- Pour water and oil into a bottle.
- Add food coloring and shake the bottle gently to color the water.
- Tip the bottle from side to side to observe waves and the beautiful movement of the liquids.

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.

7



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



8

**2. Lava Lamp****Materials:**

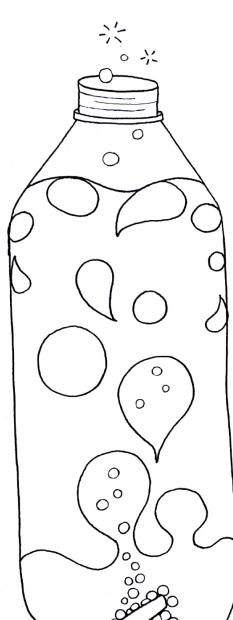
- |   |                 |
|---|-----------------|
| • Water   | • Food coloring |
| • Plastic bottle                                    | • Oil           |
| • Alka-Seltzer or other effervescent antacid tablet |                 |

**Method:**

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

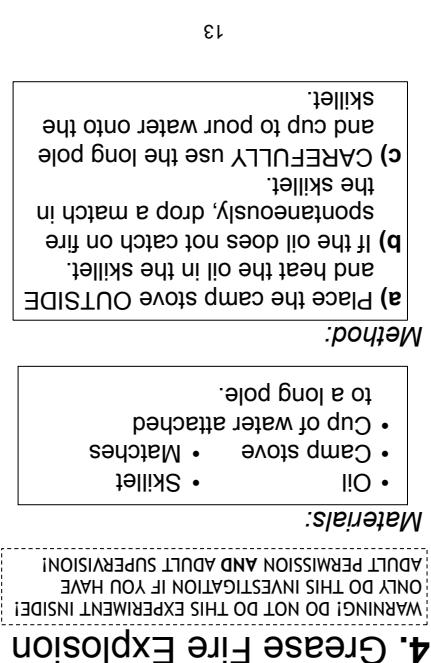
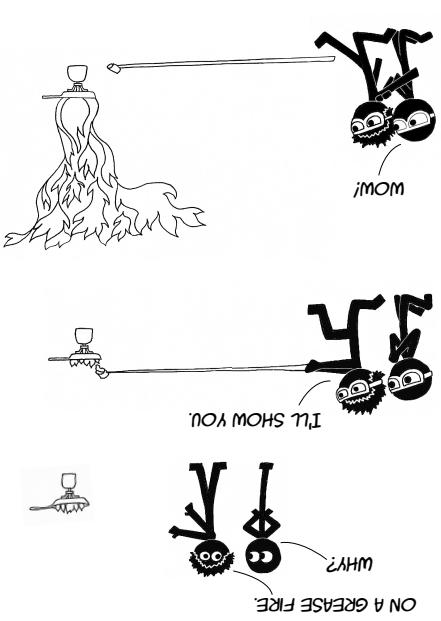
**WARNING:**  
DO NOT PUT THE LID ON THE BOTTLE.

9



10

14

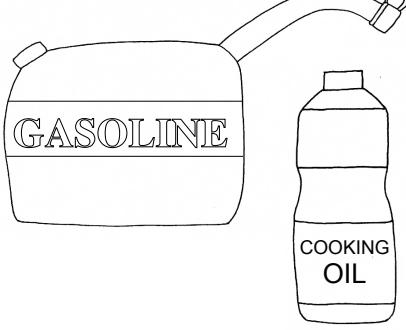
**4. Grease Fire Explosion**

Some liquids have water in them:

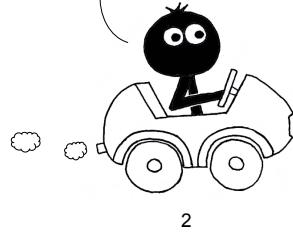


1

And some don't:



GASOLINE IS WHAT POWERS MY CAR!



2



10



10

B

A

A

X

B

C

C

D

F

E

E

D

E

G

G

X