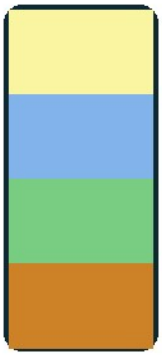
Liquid Density Tower

Layers that float on each other



YOU NEED

- a tall clear glass
- corn syrup or maple syrup
- dish soap
- water with food coloring
- vegetable oil
- a spoon

TRY IT

1. Pour the syrup in slowly first.
2. Add dish soap slowly down the side of the glass.
3. Tilt the glass and pour the colored water gently down the side.
4. Add the oil last, gently. Watch four layers stay apart.

WHAT IS HAPPENING

Density is how much mass is packed into a space. Denser liquids sink below lighter ones, so the syrup sits at the bottom and the oil floats on top.

SAFETY FIRST

Do not drink the liquids. Wipe up spills, because oil and syrup are slippery.

Never mix cleaning products, and never taste experiments.

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