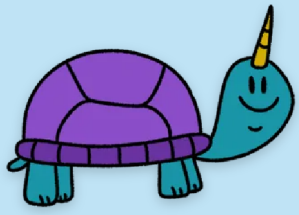
SCIENCE · SINK OR FLOAT · GRADES 3–5

Liquid Density Tower

Pour honey, dish soap, water and oil into a cup, number the layers from bottom to top and draw your tower.



Name: _____ **Date:** _____

You need: a tall clear cup, honey, dish soap, water (with a drop of food coloring) and vegetable oil.
Do it: slowly pour the same amount of each liquid into the cup, one at a time, down the side. Wait and watch. Heavier (denser) liquids sink to the bottom.

1. Write 1 for the bottom layer up to 4 for the top layer.

☐ water

☐ honey

☐ vegetable oil

☐ dish soap

2. Draw and color your tower. Label each layer.

3. Why do you think the liquids stay in layers?

_____

_____

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