



SETTLING LAYERS ACCORDING TO DENSITY

 10-15 minutes +
questions and journal time

 Follow all safety instructions from LearnLibre.com
during the experiment.

Watch Lesson



Before the Experiment

Find a safe and appropriate place to do the experiment, get any safety equipment you will need, and gather your materials on a tray.

Materials

- 4 beakers or clear cups
- 10 mL water
- 10 mL oil
- 10 mL honey

Procedure

1. Pour 10 mL water into one beaker, 10 mL oil into another beaker, and 10 mL honey into a third beaker.
2. Place an empty beaker in front of you.
3. Pour water into the beaker.
4. Pour oil into beaker – observe what happens.
5. Pour honey into beaker – observe what happens.

Questions

1. Can you list the liquids (water, oil, and honey) from least dense to most dense?
2. Do you think the particles in the densest liquid are closer together, or further apart than the particles in the least dense liquid? Why?

See answers by scanning the QR code at the top of the page.

Clean-up

Wash and dry any tools you used, put materials back where you got them from, clean your work station.

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