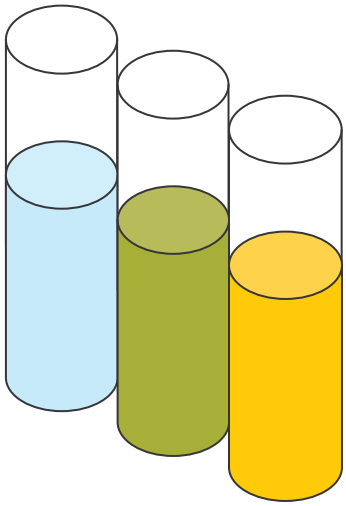
How Liquids Behave

Experiment 4

Does an object fall through all liquids at the same rate?

You will need

- 3 deep containers of clear glass or clear plastic. All of them the same size.
- Oil.
- Water.
- Honey.
- 3 objects, all the same, that can sink in water.
- Another person.



Process

1. Fill the containers almost to the brim: one with water, the second one with oil and the third one with honey.
2. Through the three objects into the containers simultaneously.
3. See what happens.
4. Can you explain why they reach the bottom at different rates?

What happens is that some liquids are thicker than others: they are ***denser***, so they flow at a different rate and an object falls through them at different velocities.

