

RACING LIQUIDS

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You'll need:

A flat board

Timer

Pen

Different liquids to test:

ketchup

syrup

water

vegetable oil

ice cream sauce



Instructions

Mark a start and finish line on the board.

Pour the liquids down the board one at a time, timing how long each one takes to pass between the start and finish lines.

Make it Fair!

The same volume of liquid should be used for each substance.

Only start the timer once the liquid has passed the start line.

The slope (gradient) of the ramp should be the same for each liquid.

Why does it work?

Thicker (more viscous) liquids should flow more slowly than thinner liquids. This is because they have more internal friction slowing them down as they flow.

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Adult supervision required. You are responsible for your own safety.

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