

DO TRY THIS AT HOME

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Featuring: **Marvin and Milo**

What you need:

- A large sink, bucket or tank
- Water
- 330ml cans of various drinks
- Kitchen scales

Hey Milo - have you made any New Year resolutions about fizzy drinks?

Fill the large container with water. Lower the cans into in one by one. Make sure you use a variety of diet, sugary or other drinks.

Which ones float? Which ones sink?

You should find that the diet or unsweetened drinks float and the sugary ones sink. Now weigh each can.

Whether something sinks or floats depends on its density. Each can has the same volume but the sugary ones weigh more than the others and so are denser. Sweeteners weigh much less than sugar and some popular fizzy drinks contain about seven teaspoons of sugar or more.

burp!