

DENSITY COLUMN

SPOOKY



You'll need

- Vegetable or sunflower oil
- Water
- Food colouring
- Treacle
- Golden syrup/corn syrup
- LEGO or other small objects.



Instructions

Carefully pour the liquids into the glass one by one.

Start with the most dense and end with the least dense.



The order in our density column is treacle, golden syrup, red water and oil.

Can you find a spooky object to float on each layer?

Why does it work?

Each of the liquids have a different mass of molecules or different numbers of parts squashed into the same volume of liquid. This means they have different densities meaning one can sit on top of the other - the more dense a liquid is the heavier it is.

Extension Task

Try other liquids, can you predict the order of density by pouring them into a container first?

