



Liquid Sandwich

#312

AGE GROUP



3-5 years



6-12 years

HOW DO I SET UP & PLAY?

Curiosity Spark - Do all liquids mix together?

*You can do this as an educator led activity with one jar or give each child their own glass/jar to experiment and test predictions with.

- Add a few drops of food colouring to the water.
- Pour some water into the glass so it is around one-quarter full.
- Now pour the same amount of honey into the glass. Does the honey sit above or below the water?
- Pour the same amount of oil into the glass. Where does the oil sit?
- The layers are forming a 'liquid sandwich' and show children clearly that not all liquids mix together because they have different densities.

EXTENDING LEARNING SPARKS

- Try gently dropping a range of small objects into the glass, paperclips or marbles work well. Ask the children to make predictions...Where do you think they will float?
- What happens if you drop a fizzy tablet, such as aspro clear, into the water? How do the bubbles travel through the different liquids?

WHAT MATERIALS DO I NEED?

- A tall glass or clean jar
- Food colouring
- Small jug of water
- Cooking oil
- Honey



Exploring Simple Science Concepts



Exploring Culture, Diversity & Community