

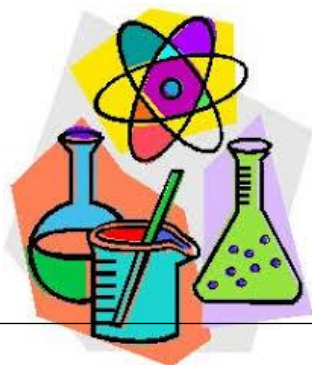
# Quicker dissolving!



**Aim:** To discover how to get a substance to dissolve (hydoddi) quicker.

## Equipment:

- A substance which dissolves (hydawdd) e.g.  
salt  
sugar
- A see-through container with 100ml of water (cold from the tap)
- A teaspoon to measure
- A stirrer
- Pen and paper to record your findings.



## Safety:



Be careful...

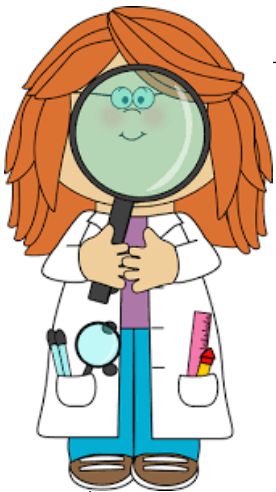
- Check with a grown up that you are allowed to use each substance.
- Don't use anything with a warning/safety label.
- Don't use water that's too hot which could scald you.
- Take care if using any glass containers.
- Mop up any spills in case you slip.

## Method:

1. Measure 100ml of cold tap water and pour it carefully into your container.
2. Measure 5 teaspoon of the first substance and add it to the water.
3. Count how many times you have to stir the water before the substance has dissolved (wedi hydoddi).
4. Note down how many times you had to stir.
5. Do this again with different temperatures of water, e.g. iced water, water which has sat at room temperature, water from the hot tap.



Sylwedd	Rhagfynegiad? (prediction) How many times do you think you will need to stir?	Canlyniad? (result) How many times did you need to stir?
iced water		
water from the cold tap		
water at room temperature		
water from the hot tap		
very hot water (with grown up help only)		



What did you notice (your observations)?

A large empty rectangular box for writing observations, extending from the text above down to the bottom of the page.