

## Dissolving

Lily and Victoria were doing experiments to find out what dissolved and what didn't.

First they put 100cm<sup>3</sup> of water from the hot tap into a beaker. Then they added a teaspoonful of the substance they were testing to the beaker and stirred it. After two minutes, they checked to see whether it had dissolved.

They used the same beaker each time.

Here are their results.

Substance	Did it dissolve?
Salt	Yes
Sugar	Yes
Instant Coffee	A little bit
Ground filter coffee	No
Drinking chocolate powder	A little bit
Tea leaves	No
Sand	No
Washing powder	Yes
Baking soda	Yes
Flour	No
Pepper	No
Dust	No
Breadcrumbs	No
Copper sulphate	Yes
Talcum Powder	No

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1. Did sugar dissolve?
2. Did pepper dissolve?
3. Describe two things that Lily and Victoria did to make sure it was **a fair test**.
4. Which two substances only dissolved a little bit?
5. What could you do to make these substances dissolve even more?