



Name: ..... Form: .....

Based on pages 12 and 13 of *Dissolving*

# Dissolving sugar cubes

**Try this...**

1. Measure out a volume of water in a measuring cylinder.
2. Pour the water into a beaker.
3. Mark the level of the water on the outside of the beaker.
4. Make a second mark, less than a centimetre above the first mark.
5. Predict how many sugar cubes you will have to add to raise the level of the liquid to the second mark. Write down your prediction.

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6. Add one cube of sugar and stir it up in the water until it completely dissolves. Check the level of the liquid.
7. Repeat task 6 until the level of the liquid rises to the second mark on the beaker.
8. When the liquid reaches the second mark, write down how many sugar cubes you have dissolved.

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**Looking at the results.**

9. How good was your prediction?

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