




Name: Form:

Based on pages 18 and 19 of *Solids and liquids*


Comparing how salt and sugar dissolve

Try this...

Dissolving salt

1. Measure out a volume of water and put it in a jar.
2. Add a level spoonful of salt to the water and stir it in.
3. Put the jar over a piece of black paper and look for undissolved crystals in the bottom of the jar.
4. If there are no undissolved crystals, repeat steps 2 and 3 until you see undissolved crystals at the bottom of the jar.
5. Write down the number of spoonfuls of salt you added before no more salt would dissolve. .....

Dissolving sugar

6. Measure out the same volume of water as in step 1 and put it in a jar.
7. Add a level spoonful of sugar to the water and stir it in.
8. Put the jar on a piece of black paper and look for undissolved crystals in the bottom of the jar.
9. If there are no undissolved crystals, repeat steps 7 and 8 until you see undissolved crystals at the bottom of the jar.
10. Write down the number of spoonfuls of sugar you added before no more sugar would dissolve. .....

Looking at your results.

11. What do your results show?

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12. How could you make the investigation more accurate?

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