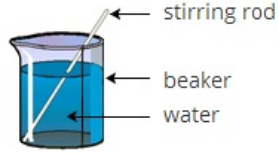


Which type of sugar dissolves best?

This task is about what to keep the same or change for a fair test.

Sugar dissolves easily in water. Jane set up the following experiment to see which type of sugar dissolves best.

The sugars tested were: • White sugar • Brown sugar • Icing sugar • Castor sugar	 The diagram shows a beaker filled with blue liquid, labeled 'water'. A white line representing a 'stirring rod' is inserted into the liquid. Labels with arrows point to the 'stirring rod', 'beaker', and 'water'.
Spoonfuls of sugar were added to the water one at a time. The solution was stirred until no more sugar dissolved. The number of spoonfuls was counted. Fresh water was used for each test.	

For this to be a fair test which of the following would need to be kept the same?

Kept the same?

Choose Yes or No

a) The temperature of the water

Yes/ No

b) The type of sugar

Yes/ No

c) The volume of water

Yes/ No

d) The amount of stirring

Yes/ No

e) The size of the spoon

Yes/ No

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