

Dissolving: what dissolves in water?

materials

What you need: clear plastic cups · warm water in a jug · sugar in a small labelled pot (about 4 level teaspoons) · table salt in a small labelled pot (about 4 level teaspoons) · clean play sand or builder's sand in a small labelled pot (about 4 level teaspoons) · plain flour in a small labelled pot (about 4 level teaspoons) · teaspoon for measuring · stirring spoon · stopwatch or timer · cloths for spills · Investigation Journal page

Words to use

Dissolve · Soluble · Fair test

Our question

Which materials dissolve in warm water, and how long do they take?

I predict...because...

Sort these words into Change, Measure and Keep the same

the material · time to dissolve · amount of water · water temperature · how we stir · amount of each material

Change – the ONE thing we change

Measure – the ONE thing we measure

Keep the same – to make it fair

Our results

What we changed	What we measured

What I found out

