

1. Name **two** natural materials:

	and	
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Name **two** things that would make a solid dissolve quicker in water:

	and	
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What is the correct scientific word for:

**a)** Describing something that does not dissolve in water?

.....

**b)** Water or another liquid with something dissolved into it?

.....

Tick all the materials that will dissolve in water:

salt		pepper		sugar		cooking oil	
tea leaves		instant coffee		jelly crystals		sand	

7. I have a mixture of salty water, fine sand and gravel. If I didn't want to keep the water at the end, what **three** steps would I take to separate them and in what order?

Fill in this table to show what you would do:

	What process would I carry out?	What special equipment would I need?	What would this remove?
1 <sup>st</sup> step			
2 <sup>nd</sup> step			
3 <sup>rd</sup> step			

8. Tick all the changes below that are irreversible:

Frying an egg		Melting chocolate		Dissolving salt in water		Making bread into toast	
Freezing water to make ice		Mixing vinegar and bicarbonate of soda		Burning wood		Water turning into steam	

POP quiz – Properties of materials and their changes.

PART 1

Name: