



Name: Form:

Based on pages 4 and 5 of *Dissolving*

Which substances dissolve?

Try this...

1. Make a collection of the substances shown in the table.
2. Predict which ones you think will dissolve in water. Record your predictions in the table by ticking the prediction that you think is correct for each substance.

Substance	Prediction: will dissolve	Prediction: will not dissolve	Result: dissolves/ doesn't dissolve
Sugar			
Sand			
Salt			
Clay			
Coffee grains			
Bath salts			
Flour			
Olive oil			
Sunflower oil			
Food colouring			

3. Think how you will make your test fair and write down your plan here.







4. Collect the items you need to make your test.

5. Test each substance in turn, and write either 'dissolves' or 'doesn't dissolve' in the 'Result: dissolves/doesn't dissolve' column.

Looking at the results.

6. How good were your predictions? 

7. On the back of this sheet, write down the names of the substances that dissolved.