



Name: Form:

Based on pages 4 and 5 of *Changing materials*

Mixing with water

Try this...

1. Look at the substances in the left hand column of the table. Think about what might happen when you stir each one up with water.
2. In the middle column of the table below, write down your prediction for what happens when you add water to each item.

Substance	Prediction	Result
Sand		
Sugar		
Flour		
Bath salts		
Plaster of Paris		
Baking powder		
Liver salts		

3. Take a spoonful of each substance in turn and mix it with a small amount of water.
4. Watch what happens to the mixture.
5. In the third column of the table above, record what you saw.
6. Look at the results and use them to divide the substances into two groups.
7. In the space below, write the name of each group. Under each name list the substances in that group.