

20th January 2021

I can compare materials tested on their solubility to my predictions.



What does solubility mean?

Solubility video

 <https://www.bbc.co.uk/bitesize/clips/zx7w2hv>

How many do you know?

Solute	
Solvent	
Soluble	
Solution	
Saturated solution	
Suspended solution	

Solute	A substance that is dissolved.
Solvent	A substance that a solute dissolves in.
Soluble	When a solute has the ability to dissolve.
Solution	When a solute is dissolved into a solvent.
Saturated solution	When no more solute can be dissolved into the solvent.
Suspended solution	When a solution is cloudy.

At school, we are going to test which materials dissolve. Just test what you can find from the list if you are doing it at home.

Investigate which materials dissolve.

Water:

- sand
- sugar
- salt
- Alkar Seltzer
- Oil
- Coffee
- Lemon Juice
- Flour

Vinegar:

- Oil
- Lemon Juice
- Bicarbonate soda
- Flour



Recording results

Water and:	Prediction: will it dissolve?	Did it dissolve?	Describe any other changes that occurred
Sand			
Chalk			
Sugar			
Salt			
Alka-Seltzer			
Oil			
Flour			
Coffee			

Were your predictions correct?

