

## States of Matter

Colour in the list as you work through the module. Remember:  
RED – do not understand, ORANGE – Not too sure, GREEN – Fully understand

I can recognise if a substance is a solid, liquid or gas.	
I can list the differences between solids, liquids and gases.	
I can explain the different types of arrangement of particles in solids, liquids and gases.	
I know all matter is made of particles too small to see with the naked eye.	
I know that particles in matter are moving all the time.	
I can describe the different movements of particles in solids, liquids and gases.	
I can calculate density (mass $\div$ volume for simple objects).	
I can name several substances that dissolve in water.	
I know water is a very useful solvent.	
I know what is meant by a saturated solution.	
I know there are other solvents than water and can name some.	
I can use a particle model to explain melting.	
I can use a particle model to explain boiling.	
I understand that chromatography is used to separate substances and depends on solubility.	