

### Definitions

Hypothesis	A guess about what will happen.
Matter	Anything that has mass or takes up space.
Observations	what you see, smell, touch, taste, feel, measure, count etc.
Conclusion	what you found out in the end.
State	Solid, liquid or gas
Clarity	is it clear or opaque - can you see through it
Mass	How much it weighs
Volume	Space it takes up
Density	$\frac{m}{v}$ mass for am't of space.
Atomic Number	# of protons
Element	Pure substance made of 1 thing
Compound	Pure substance made of 2 or more elements
Metals	Elements that are found on the left side of the Periodic Table, tend to be silver/grey and good conductors of electricity.
Non Metals	Elements that are found on the right side of the Periodic Table, are brittle, can have many colours, and do not conduct electricity.
Lustre	shiny or dull
Viscosity	how thick the liquid is