

## Year 9 chemistry vocabulary

Particles

Solid, liquid, gas

Diffusion

Brownian motion

Density

Expansion

Contraction

Solubility

Saturated solution

Atomic structure

Atomic number

Mass number

Proton

Neutron

Electron

Isotope

Valency

HONIFBrCl

Oxidation

Burning

Thermal

decomposition

Fossil fuels

Hydrocarbons

Acids

Metal + Acid  $\rightarrow$  ?

Metal oxide + Acid  $\rightarrow$   
?

Metal hydroxide +  
Acid  $\rightarrow$  ?

Metal carbonate +  
Acid  $\rightarrow$  ?

Alkali

pH

Reactivity series

Neutralisation

Salt

Gas tests:

Hydrogen

Oxygen

Carbon dioxide

Test for water

