Y12 – Introduction to Stoichiometry Checklist

Stick this checklist into your yellow book at the beginning of the topic. Tick off the topics as you cover them.		
In this module you are expected to be able to…	In Notes	Revised

• Define the terms
  ○ Isotope
  ○ Relative Isotopic Mass
  ○ Relative Atomic Mass
  ○ Molar Mass
  ○ Avogadro Constant		

• Briefly outline the development of the atomic model		
• Calculate p^+ n^0 e^- numbers for atoms and ions		
• Use mass spectrometry data to calculate relative atomic mass		
• Calculate RMM and RFM		
• Work out the formulae of ionic substances from the periodic table		
• Recall the formula and charge of nitrate, carbonate, sulfate, hydroxide, ammonium, zinc and silver ions.		
• Write balanced equations		
• Use M_r, A_r, N_A and V_m in calculations.		
• Calculate empirical formulae		
• Calculate molecular formulae form empirical formulae		

Pre-test Evaluation

I have…	
Updated my yellow book notes	
Ensured I understand all of my notes	
Looked on the open drive for additional work	
Asked my teacher for guidance	
Confidence rating	I'm doomed! -- - = + ++ I am the BOSS!