



Electrolysis		R	A	G
Electrolysis of molten Aluminium Oxide				
Unit conversions Kg to g and g to Kg and g to dm ³ and kg to dm ³				
Reacting masses calculations - moles				
Electrolysis of solutions				
Units g to dm ³				
Gas calculations – mol = vol (dm ³) / 24 (dm ³) (triple content)				
Energy Changes		R	A	G
Reaction Profiles				
Rearranging equations				
Bond energy calculations				

Rates of Reaction		R	A	G
Calculating mean rates of reaction				
Calculating surface area to volume ratios (to give the simplest whole number ratio)				
Factors that effect rates of reaction and collision theory				

The Haber Process (Triple Science)		R	A	G
How reactants are sourced for the process				
Atom economy				
How the process works to extract only ammonia				
Plot graph and line of best fit				
Interpolate and extrapolate using a graph				
How the economics of the process effect the choice of conditions to run the Haber process				



Resources required for revision

Exercise books

Revision guide

Suggested websites

BBC bitesize

Kerboodle – course text found here

Studymind.co.uk