

AQA Trilogy Chemistry Paper 1		Covered in Lesson	Diagnosis			Revised		
C4.5 Energy changes			R	A	G	1	2	3
4.5.1 Exothermic and endothermic reactions	Describe how energy is transferred to or from the surroundings during a chemical reaction							
	Explain exothermic and endothermic reactions on the basis of the temperature change of the surroundings and give examples of everyday uses							
	<b>Required practical 4:</b> investigate the variables that affect temperature changes in reacting solutions							
	Describe what the collision theory is and define the term activation energy							
	Interpret and draw reaction profiles of exothermic and endothermic reactions, inc identifying the relative energies of reactants and products, activation energy and overall energy change							
	<b>HT ONLY:</b> Explain the energy changes in breaking and making bonds and calculate the overall energy change using bond energies							