Exothermic and Endothermic		
1	Exothermic reaction	transfers energy to the surroundings so the
		temperature of the surroundings increases
2	Exothermic reaction	-combustion, oxidation and neutralisation
	examples	-respiration
3	Exothermic reaction uses	hand-warmers and self-heating cans
4	Endothermic reaction	takes in energy from the surroundings so the temperature of the surroundings decreases
5	Exothermic reaction examples	-thermal decomposition reactions
		-sodium hydrogencarbonate + citric acid
		-photosynthesis
Required practical – temperature changes		
6	Thermometer	measures temperature
7	Balance	measures mass
8	Temperature change	difference between initial and final temperature
Reaction profiles		
9	Exothermic reaction profile	Reactants Reactants Energy change Products
		Progress of reaction
10	Endothermic reaction profile	Activation energy Energy change
11	Activation onorgy	Progress of reaction the minimum amount of energy particles need to react
12	Activation energy	the difference between the energy of reactants and
12	Energy change	products
		products