

Subject	Chemistry
Unit/Topic	Year 10 Energy Changes

Key Vocabulary	Definition
Exothermic	An exothermic reaction is one that transfers energy to the surroundings so the temperature of the surroundings increases.
Endothermic	An endothermic reaction is one that takes in energy from the surroundings so the temperature of the surroundings decreases
Activation energy	The minimum amount of energy for particles to collide with in order for a successful reaction to occur.
Reaction profile	Reaction profiles can be used to show the relative energies of reactants and products, the activation energy and the overall energy change of a reaction.
Bond energy	the amount of energy needed to break one mole of a particular covalent bond.