

Energy changes revision grid (Combined)

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Be able to distinguish between exothermic and endothermic reactions on the basis of the temperature change of the surroundings	
Be able to evaluate uses and applications of exothermic and endothermic reactions given appropriate information.	
Draw simple reaction profiles (energy level diagrams) for exothermic and endothermic reactions showing the relative energies of reactants and products, the activation energy and the overall energy change, with a curved line to show the energy as the reaction proceeds	
Be able to use reaction profiles to identify reactions as exothermic or endothermic	
Be able to explain that the activation energy is the energy needed for a reaction to occur.	
Be able to calculate the energy transferred in chemical reactions using bond energies supplied. (HT only)	

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