SC19 Heat Energy Changes in Chemical Reactions

SC19a Exothermic and endothermic reactions

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| Step | Learning outcome | Had a look | Nearly there | Nailed it! |
|  | Recall some examples of exothermic and endothermic changes. |  |  |  |
|  | Describe how heat changes in solution may be determined. |  |  |  |
| C:\Users\bhuiya_f\Downloads\Steps icons\Steps icons\Progression_icon_L8.jpg | Describe the differences between exothermic and endothermic changes. |  |  |  |

SC19b Energy changes in reactions

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| Step | Learning outcome | Had a look | Nearly there | Nailed it! |
|  | Describe exothermic and endothermic reactions in terms of energy changes when bonds are broken and formed. |  |  |  |
|  | **H** Use bond energies to calculate energy changes in reactions. |  |  |  |
|  | Explain the meaning of activation energy. |  |  |  |
|  | Draw and label reaction profiles. |  |  |  |