

**Unit Overview – Energy changes**

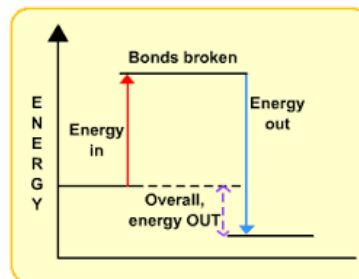
**Target grade for test:.....**

**You will learn about:**

- Exothermic and endothermic reactions.
- Energy changes and how to use an energy level diagram.

**You will be able to:**

- Investigate and identify exothermic and endothermic reactions.



<p><b>Key learning points</b></p> <table border="1"> <tr><td>Exothermic reactions</td><td></td></tr> <tr><td>Endothermic reactions</td><td></td></tr> <tr><td>RP into exothermic and endothermic reactions</td><td></td></tr> <tr><td>Energy changes</td><td></td></tr> <tr><td>Energy level diagrams</td><td></td></tr> </table>					Exothermic reactions		Endothermic reactions		RP into exothermic and endothermic reactions		Energy changes		Energy level diagrams		<p><b>Key Words</b></p> <p>Energy Exothermic Endothermic Activation energy</p>	
Exothermic reactions																
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<p><b>Links to other subjects:</b></p> <p>SMSC: Understand and appreciate the impacts of human development on the environment and describe the effects that this is having.</p> <p>Literacy: Describe observations in practical work. Explain the development of periodic table and the structure of the atom. Describe how reactivity and trends are linked to position in the periodic table.</p> <p>Numeracy: Use decimal and standard form, make simple calculations, use appropriate significant figures, construct tables and histograms, visualise and represent models in a 2D form and change the subject of an equation.</p>																
Research	Note-making	Group work & discussion	Memorisation	Precision & accuracy	Independence	Reflection										