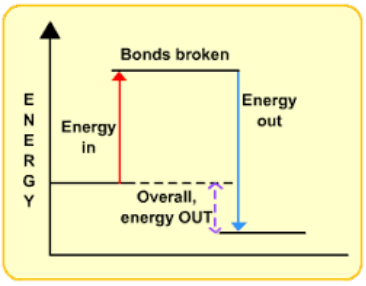
Triple Unit Overview – Energy changes **Target grade for test:……**



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.

Key learning points	
Exothermic reactions	
Endothermic reactions	
RP into exothermic and endothermic reactions	
Energy changes	
Energy level diagrams	
Cells, batteries and fuel cells	

Links to other subjects:
SMSC: Understand and appreciate the impacts of human development on the environment and describe the effects that this is having.

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.

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.

Key Words

Energy
Exothermic
Endothermic
Activation energy

Research	Note-making	Group work & discussion	Memorisation	Precision & accuracy	Independence	Reflection