Chemical Energy

Question	Answer
Define a chemical bond	Force that holds atoms together in molecules
Describe what happens in a chemical reaction	Atoms are rearranged. Mass does not change.
Describe what happens in terms of energy when chemical bonds are broken	Energy is absorbed
Describe what happens in terms of energy when chemical bonds are made	Energy is released
Define an exothermic reaction	Energy is released, temperature increases
Define an endothermic reaction	Energy is absorbed, temperature decreases
Define activation energy	The energy required to start a chemical reaction
Define a catalyst	Substance that speeds up chemical reactions
Explain how catalysts work	Provide an alternative pathway for the reaction with a lower activation energy

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Define a chemical bond	
Describe what happens in a chemical reaction	
Describe what happens in terms of energy when chemical bonds are broken	
Describe what happens in terms of energy when chemical bonds are made	
Define an exothermic reaction	
Define an endothermic reaction	
Define activation energy	
Define a catalyst	
Explain how catalysts work	