

Terms and phrases to be used:

Decomposition Reaction Decrease of temperature Double Displacement Reaction **Endothermic Reaction Exothermic Reaction** General Equation: $A + B \rightarrow AB$ General Equation: $A + BC \rightarrow AC + B$ General Equation: $AB \rightarrow A + B$ General Equation: $AB + CD \rightarrow AD + CB$ Heat is absorbed by the reaction.

Heat is released from the reaction.

Increase of temperature

One element changes places in a compound with another element.

One substance breaks down into smaller substances.

Single Displacement Reaction

Synthesis Reaction

Two compounds switch elements within a chemical reaction.

Two substances combine to form one new substance.