Endothermic and exothermic reactions

Exothermic:

Chemical reactions here heat is transferred to the surroundings, indicated by a rise in temperature

Endothermic:

Chemical reactions where heat is transferred from the surroundings, indicated by a fall in temperature

Energy is conserved in chemical reactions

The reactants and the products of a reaction store different amounts of chemical energy – the difference in energy will be observed in the form of heat transferred to or from the surroundings