

Thermodynamics in a Bag Worksheet

Instant Cold Pack

1. Record your general observations.
2. Is this reaction exothermic or endothermic? Why?
3. How would the temperature of the bag be affected if twice as much water is added?

Cool Reaction

1. Record your general observations.
2. Is this reaction exothermic or endothermic? Why?
3. Where does the water come from to create the final solution?

The Hot Bag

1. Record your general observations.
2. Is this reaction exothermic or endothermic? Why?
3. How would a coating of calcium hydroxide affect the reaction?