

Experiment		Suggested Products
1	Endothermic and Exothermic Reactions	Go Direct® Temperature Probe
2	Freezing and Melting of Water	Go Direct® Temperature Probe
3	Another Look at Freezing Temperature	Go Direct® Temperature Probe
4	Heat of Fusion of Ice	Go Direct® Temperature Probe
5	Find the Relationship: An Exercise in Graphing Analysis	<i>No probeware used</i>
6	Boyle's Law: Pressure-Volume Relationship in Gases	Go Direct® Gas Pressure Sensor
7	Pressure-Temperature Relationship in Gases	Go Direct® Gas Pressure Sensor, Go Direct® Temperature Probe
8	Fractional Distillation	Go Direct® Temperature Probe
9	Evaporation and Intermolecular Attractions	Go Direct® Temperature Probe
10	Vapor Pressure of Liquids	Go Direct® Gas Pressure Sensor, Go Direct® Temperature Probe
11	Determining the Concentration of a Solution: Beer's Law	Go Direct® Colorimeter
12	Effect of Temperature on Solubility of a Salt	Go Direct® Temperature Probe
13	Properties of Solutions: Electrolytes and Non-Electrolytes	Go Direct® Conductivity Probe
14	Conductivity of Solutions: The Effect of Concentration	Go Direct® Conductivity Probe
15	Using Freezing Point Depression to Find Molecular Weight	Go Direct® Temperature Probe
16	Energy Content of Foods	Go Direct® Temperature Probe

17	Energy Content of Fuels	Go Direct® Temperature Probe
18	Additivity of Heats of Reaction: Hess's Law	Go Direct® Temperature Probe
19	Heat of Combustion: Magnesium	Go Direct® Temperature Probe
20	Chemical Equilibrium: Finding a Constant, Kc	Go Direct® Colorimeter
21	Household Acids and Bases	Go Direct® pH Sensor
22	Acid Rain	Go Direct® pH Sensor
23	Titration Curves of Strong and Weak Acids and Bases	Go Direct® pH Sensor
24	Acid-Base Titration	Go Direct® pH Sensor, Go Direct® Drop Counter
25	Titration of a Diprotic Acid: Identifying an Unknown	Go Direct® pH Sensor, Go Direct® Drop Counter
26	Using Conductivity to Find an Equivalence Point	Go Direct® Conductivity Probe, Go Direct® Drop Counter
27	Acid Dissociation Constant, K_a	Go Direct® pH Sensor
28	Establishing a Table of Reduction Potentials: Micro-Voltaic Cells	Go Direct® Voltage Probe
29	Lead Storage Batteries	Go Direct® Voltage Probe
30	Rate Law Determination of the Crystal Violet Reaction	Go Direct® Colorimeter
31	Time-Release Vitamin C Tablets	Go Direct® pH Sensor
32	The Buffer in Lemonade	Go Direct® pH Sensor
33	Determining the Free Chlorine Content of Swimming Pool Water	Go Direct® Colorimeter
34	Determining the Quantity of Iron in a Vitamin Tablet	Go Direct® Colorimeter

35	Determining the Phosphoric Acid Content in Soft Drinks	Go Direct® pH Sensor
36	Microscale Acid-Base Titration	Go Direct® pH Sensor