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2	09/27/04	Particle Lab	Moles	1									X
3	10/06/04	Determination of the Empirical Formula of a Compound	Empirical formula	1			X	X	X				
4	10/27/04	Formula of a Hydrate	Hydrate	1	X	X	X	X	X				
5	10/29/04	Solubility of a Salt	Solubility	1									X
6	11/03/04	Stock Solutions and Dilutions	Solubility	1									X
7	11/15/04	Mole Relationships in a Chemical Reaction	Moles	1	X	X	X	X	X				
8	12/01/04	Precipitation of Lead (II) Iodide	Solutions	1			X	X	X				
9	12/09/04	How much Fizz does an Alka-Seltzer Tablet Produce?	Gasses	1			X	X	X				
10	12/12/04	Periodic Properties and the Atom	Periodicity	1									X
11	01/14/05	Oxidation-Reduction: Reactions of the Halogens	Periodicity	1									X
12	01/20/05	Equilibria between Metal and Metal Ions	Periodicity	1									X
13	01/09/05	Lab Activity: Polarity of Molecules	Polarity	1									X
14	01/10/05	Planning Lab: Design an Airbag	Gas	1									X
15	02/14/05	Model Building with Covalent Compounds	Covalent Structures	1									X
16	03/10/05	Testing Liquids for Polarity	Polarity	1									X
17	03/10/05	Recognizing Ionic, Molecular Covalent, Metallic and Network Structures	Crystal Structures	1									X
18	03/23/05	Exothermic and Endothermic Reactions	Thermodynamics	1									X
19	03/31/05	Determining the Enthalpy Change of a Chemical Reaction	Thermodynamics	1			X	X	X				
20	04/06/05	Acid-Base Systems: Ionic Equilibria: Ions as Bronsted-Lowry Acids and Bases	Acids and Bases	1									X
21	04/12/05	Titrations: Standardizing a Sodium Hydroxide Solution	Acids and Bases	1			X	X	X				
22	04/15/05	Enthalpy of Solution of an Ionic Compound	Thermodynamics	1			X	X	X				
23	04/18/05	Planning Lab: Determining Enthalpy Change of Solution	Thermodynamics	1	X	X	X		X				
24	04/04/05	The Enthalpy Change for a Reaction that can be Carried out in a Calorimeter	Thermodynamics	1									X

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25	04/13/05	Designing an Experiment to Measure the Enthalpy Change of a Reaction	Thermodynamics	1	X	X		X	X				
26	09/19/05	Oxidation States of Manganese	Redox	1									X
27	09/27/05	The Wine Maker's Lab	Redox	1									X
28	10/07/05	Electrochemical Cells: Lab	Electrochemical Cells	1									X
29	10/18/05	Electrolysis	Electrolysis	1									X
30	10/20/05	Electrolysis of Potassium Iodide Solution	Electrolysis	1									X
31	11/07/05	Electrolytic Cells: Electroplating	Electrolysis	1									X
32	11/14/05	Kinetics: Dry Lab	Kinetics	1									X
33	11/19/05	Rates of Reaction	Kinetics	1									X
34	11/23/05	Analysis of Iron Tablets	Redox	1(2hr)			X	X	X				
35	12/13/05	Equilibrium Concepts-An Introduction	Equilibrium	1									X
36	01/13/06	Determining the Activation Energy of a Reaction	Kinetics	1				X	X				
37	01/13/06	Factors Affecting Rates Chemical Reactions	Kinetics	1									X
38	01/13/06	Factors Affecting the Rates of a Reaction: Simulation	Kinetics	1									X
39	01/19/06	Lab: Oxalate-Permanganate Clock	Kinetics	1									X
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