

Unit	Lab Number	Lab Title	Date (MM/YY)	Topic
Review	1	Types of Chemical Reactions	10/14	1.1
Quantitative Chemistry	2	Thickness of a Thin Aluminium Sheet	10/14	11.1
	3	Density of a Metal Cube	10/14	11.1
	4	The Chalk Lab	10/14	1.2
	5	The Water Lab	10/14	1.2
	6	The Sugar Lab	10/14	1.2
	7	Number of Molecules in Chemicals	10/14	1.2
	8	Percentage Composition of Magnesium Oxide	10/14	1.3
	9	Determination of the Empirical Formula of a Compound	11/14	1.3
	10	Mole Relationship in Chemical Reactions: Limiting and Excess Reactants	11/14	1.3
	11	Planning Lab: Formula of a Hydrate	11/14	1.3
Solution Chemistry	12	Making Up Solutions	11/14	1.3
	13	Stock Solutions and Dilutions	11/14	1.3
	14	Solubility of a Salt in Water	11/14	1.3
	15	Precipitation of Lead (II) Iodide	01/15	1.3
	16	Estimating Concentration of an Unknown Solution	01/15	1.3
Gases	17	Lab: To determine the Molar volume of a Gas	01/15	1.3
	18	Stoichiometry of a Reaction Producing a Gas	01/15	1.3
	19	Planning Lab: Design an Air Bag	01/15	1.3

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	20	How Much Fizz Does an Alka-Seltzer tablet produce?	01/15	1.3
	21	Lab: The Effects of Temperature on the Volume of a Gas	01/15	1.3
Acids and Bases	22	Strong and Weak Acid Base Lab	01/15	8.4
	23	Titration Lab: Standardizing a Sodium Hydroxide Solution	01/15	8.2
	24	Acid-Base Systems: Ionic Equilibria: Ions as Bronsted-Lowry Acids and Bases	01/15	8.1
	25	pH Changes During a Titration	01/15	8.3
	26	Electrolytes: Weak and Strong	01/15	8.4
	27	Properties of Acids and Bases	01/15	8.2
Atomic Structure & Bonding	28	The Variation of Atomic Properties	04/15	3.2
	29	Volatility and Surface Tension of Liquids	04/15	4.4
	30	Bonding Types: ICT	04/15	4.1, 4.2, 4.4
	31	Lab Activity: Polarity of Molecules	04/15	4.2, 4.3, 4.4
	32	Successive Ionization Energies Graph	04/15	3.2
	33	Researching a Radioisotope	04/15	2.1
	34	Testing Liquids for Polarity	05/15	4.2, 4.3
	35	Comparing Physical Properties to Bond Types	05/15	4.1, 4.2, 4.4
	36	Spectra of Atomic Hydrogen	05/15	12.1
Transition Metals	37		05/15	13.2

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Organic Chemistry	38	Reactions of some Hydrocarbons	05/15	20.1
	39	Preparation and Reaction of Acetylene	05/15	20.1

