## Labs

| PΕ                        | RE-LABS  |                     |  |
|---------------------------|--|---------------------|--|
| Extraction and Filtration |  | Volumetric Analysis |  |
| E>                        | (PERIMENTS   |                     |  |
| Chapter                   |  | Chapter             |  |
| 1<br>2                    | Mixture Separation INQUIRY   | 12                  | Separation of Pen Inks by Paper Chromatography MICRO   |
|                           | in Popcorn   | 13                  | Testing Water for lons MICRO   |
| 3                         | Conservation of Mass MICRO / INQUIRY94   | 14                  | Is It an Acid or a Base? MICRO / INQUIRY496  |
| 4 5                       | Flame Tests MICRO  | 15                  | How Much Calcium Carbonate Is in an Eggshell? MICRO  |
| 6                         | Types of Bonding in Solids INQUIRY   | 16                  | Calorimetry and Hess's Law   |
| 7                         | Determining the Empirical  | 17                  | Rate of a Chemical Reaction MICRO 586  |
| -                         | Formula of Magnesium Oxide   | 18                  | Measuring $K_a$ for Acetic Acid MICRO 628  |
| 8                         | Blueprint Paper  | 19                  | Reduction of Mn in MnO <sub>4</sub> MICRO 652  |
| 9                         | Stoichiometry and  | 20                  | Voltaic Cells  |
|                           | Gravimetric Analysis   | 21                  | Simulation of Nuclear Decay  |
| 10                        | "Wet" Dry Ice MICRO  |                     | Using Pennies and Paper  |
| 11                        | Mass and Density of Air at Different Pressures MICRO   | 22                  | Polymers and Toy Balls   |
|                           | at Different resources and a second resource | 23                  | Casein Glue  |
| Q                         | UICK LABS  |                     |  |
| Cha                       | pter   | Cha                 | pter   |
| 2                         | Density of Pennies   | 15                  | Testing the pH of Rainwater 514  |
| 3                         | Constructing a Model   | 17                  | Factors Influencing  |
| 4                         | The Wave Nature of Light:  | _                   | Reaction Rate  |
| _                         | Interference   | 19                  | Redox Reactions  |
| 5                         | Designing Your Own Periodic Table  |                     | E  |
| 8                         | Balancing Equations  |                     | Element B  |
| 0                         | Using Models   |                     | werage cha   |
| 9                         | Limiting Reactants in a Recipe   |                     |  |
| 11                        | Diffusion  | A                   | allen T  |
| 12                        | Observing Solutions,   |                     | archaent of amu accomic amos atomic and amount of amount |
|                           | Suspensions, and Colloids  | A                   | mp 22 23 am 3 6 8  |
| 14                        | Household Acids and Bases 472  |                     | mage etomic of the constraint  |