

## **Suggested Experiment Order for:**

### **Apologia (Wile) Exploring Creation with Chemistry, 3rd Edition**

**Note: The textbook includes a number of experiments.**

Apologia Module	Page in text book	Suggested MicroChem Lab
1.		Introduction Labs
2.	p. 64 p. 73	3. Electrical Conductivity of Several Solutions 1. Paper Chromatography
3.		
4.		
5.	p. 182 p. 182 p. 204 p. 204	* Organic 2: Organic Chemistry Models * Organic 1: Hydrocarbon Models * Organic 3: Polymer Models * Organic 4: Cross Linking of a Polymer
6.	p. 215	2. Melting Points, Supercooling
7.	p. 248 p. 268	7. Decomposition 13. Molar Mass by Titration
8.	p. 287	4. Mole Ratios
9.	p. 337 p. 340	12. A Microscale Titration 14. A Buffer Solution
10.	p. 352 p. 356	5. Double Replacement Reactions 10. Solubility Product Constant
11.	p. 386 p. 390	8. Boyle's Law 9. Charles's Law
12.		
13.	p. 505	15. Reaction Rates: The Effect of Concentration
14.	p. 511	16. Reaction Rates: The Effect of Temperature
15.	p. 550	11. PH and PH Indicators
16.	p. 568 p. 575	6. Oxidation-Reduction 17. Electrochemistry: Galvanic cells

\* These labs are in the Organic Chemistry Supplement. While this book does not specifically address the subject of Organic Chemistry, we feel the student can accomplish the labs at the suggested places and gain significant understanding.