Stoichiometry Lab
Discovery Lab Teacher Notes

Goals of discovery lab:

The student will:
learn how to analyze the results of a reaction
will discover how results can lead them to a conclusion
discover that materials react in definite proportions
based on a balanced chemical equation
discover the concept of a limiting reagent

Instructions:
1. Change the title of the lab to "Stoichiometry"
2. Change the purpose of the lab to: "To study stoichiometric relationships in chemical reactions"
3. Omit "Interpretation" and "Questions" sections of the lab.
4. Include instead "Stoichiometry Data Table" and "Questions" which follow this page.
5. Students should complete one row of their data table, using only their data. Each group's data should be distributed to all students (level of distribution may vary, i.e. raw only, raw and moles, or all) Students can then use the entire class's data to answer the questions. Teacher involvement in question answers can vary according to student needs.