**Familiarization with Chem Collective**

This purpose of this activity is to become familiar with the Chem Collective virtual labs. You will learn how to select materials from a virtual stock room, how to transfer chemicals from one container to another and how to operate typical lab equipment and instrument.

1. Go to <http://chemcollective.org/home>
2. Under Resources by Topic, click on Stoichiometry
3. Select the pulldown menu for Gravimetric Analysis
4. Select the unknown silver nitrate solution virtual lab
5. You are now in the lab. There is a stockroom to your left.
6. In the upper right hand corner you will find your task. Click on Unknown Silver Nitrate.
7. Go to the store room and gather reagents, glassware, balances, etc. that you think you might need and put them on the workbench.
8. The reaction produces a silver chloride precipitate which will you have to isolate to obtain its mass.
9. It will take a little time before you garner all the skills and knowledge you need to complete the lab successfully. This is only a familiarization activity.
10. Learn how to pour or scoop reactants from stock bottles into containers.
11. Learn how to use Bunsen burners to evaporate liquids.
12. If you want to start over, Go to Edit 🡪 Clear Workbench
13. Think about how you will use stoichiometry in this simulation to answer the question posed in the problem statement.

When we get to Chapter 04, you should be prepared to follow the developed procedure to conduct the virtual lab with good results.