CHEMISTRY I LAB: WORKING WITH LIQUIDS

Use your own paper.

What to turn in:	**Data table**	**Questions #1-15**

PROCEDURE

1) Read all attached pages before lab.
2) Identify all pieces of equipment at your station, including:

beaker	graduated cylinder
buret	pipet
buret clamp	ring stand
evaporating dish	stopcock
funnel	suction bulb

3) Follow all steps in PART 5: MEASURING LIQUIDS and PART 6: FILTRATION (the four page supplement).
4) Complete data table and questions on your own paper.

DATA TABLE **DATE _____** **LAB STATION #_____**

	DESCRIPTION	**HOW TO USE**
beaker		
buret		
evaporating dish		
funnel		
graduated cylinder		
pipet		

QUESTIONS

Define the following terms in your own words:

1) decant
2) filtrate
3) filtration
4) insoluble
5) meniscus
6) precipitate
7) solubility
8) supernatant

9) What is the purpose of this lab?
10) Why must you never pipet by mouth?
11) Describe how liquids are poured into a buret.
12) "A filter should not be wet with water when the liquid to be filtered does not mix with water." Why?
13) How can a soluble salt be recovered from a filtrate?
14) What property of salt prevents it from being separated from water by filtration?
15) How can you tell the exact amount of liquid used from a buret?