Chemistry for the Community – group CBL project – outline template

Group \_\_\_\_\_

Members:

1. Experiment selected:
2. Big picture Kinetics/Equilibrium concepts you want them to take away:

a. How will you instruct this concept? Give details that include how students are interacting with the simulation, in terms of logistics (are they using the simulations themselves? Are they watching you use the simulation? Both?).

b. How are the students are interacting with the simulation in terms of content? Which tabs, are they doing experiments, answering questions, etc?

1. Materials Needed (be specific with regards to amounts)
2. Experimental

4a. What SAFETY MEASURES will you take, and how will you instruct the kids in this area?

4b. How are they working (logistically)? Give team size and how your group will supervise/monitor.

4c. Describe how the kids will engage in experimental design, hypothesis testing, or otherwise modifying the experiment to illustrate the eq/kinetics topic?

4d. How will they access the procedure? Ie, a hand out with step by step instructions… every does one step at a time at the same time, will a team member demonstrate some parts?

1. Assessment
2. Lists the tasks your group needs to work on and who is responsible. Not necessarily who is doing what in the presentation, but the initial tasks you will work on in lab this week and next.

Give students a chance to show what they’ve learned by writing, drawing, discussing, hypothesizing, predicting, reflecting, answering a few questions...

DO NOT START YOUR MINUTE BY MINUTE PLAN UNTIL YOU HAVE DONE QUITE A LOT OF WORK ON QUESTIONS 1-6 ABOVE!! Also recommend checking in with your instructor.

1. Minute - by - minute plan
   1. List what will happen chronologically.
   2. While this is not a script, it should contain exactly who is doing/conveying, and how long it will take.
   3. Account for time needed to set up, introduce yourselves, for the kids to talk/write/observe/attempt. But remember you can multi task – some members can be setting things up while another runs a quick ice breaker.
2. Questions, Clarifications needed, things that still need to be worked out, etc.