

## Chemistry Final Project 2012 - Summary Sheet

What is the chemistry final project this year?

This year, students will work in pairs to present two chemical demonstrations to the class. Students will write a lab report for each demonstration, prepare/mass/mix the chemicals during class, (possibly) meet with the teacher before or after school to practice the demonstrations safely, perform the demonstrations in front of the class (and a video camera), and write a 6-12 page typed paper explaining the chemistry behind the demonstrations.

The project has several main parts:

### 1. **Group Presentation (30 points)**

- Tentatively scheduled during the week of May 7, 2012
- Presentation order will be set by Miss Gurganus (based on safety)
- Students will explain how to do the demonstrations while presenting them
- Best is to have everything pre-massed, pre-measured, prepared and uncovered so the demonstration can just be performed in front of the class (much like a cooking show has everything prepared before cooking the final dish)
- Students will fill out a peer critique during other students' presentations

### 2. **Individual Report (50 points)**

- Scheduled due date is Friday, May 18, 2012
- 6 to 12 page TYPED report (handwritten not accepted)
- written **by yourself** without help from your partner
- Only accepted as "on time" during your class hour on the due date
- You lose 5 points if it is turned in later in the day
- You lose 10 points if it is turned in the next day (and 10 pts off each day after that)
- Excused absences do not earn you extra time; the report is due that day and hour
- You may also e-mail your report or bring it in on CD/flash drive; I am willing to print reports (acceptable formats: \*.DOC, \*.WPD, \*.RTF, \*.DOCX, Open Office—beware of Microsoft Works!)

### 3. **Individual Lab Reports (20 points [10 points each])**

- Written for your demonstrations (so two in total)
- Written in your lab book
- Written **by yourself** without help from your partner
- Must be complete before being handed any chemicals
- Due the same day as your individual typed report (May 18, 2012)

**\*\*NOTE: Your final project grade is also 20% of your final exam!\*\***

Current final project schedule (subject to change):

3/2/12	Groups paired up; time in class to pick demonstrations
4/23/12 - 5/8/12	Before-school/after-school appointment dates
4/30/12 - 5/4/12	Three days in-class to prepare/mix/practice demonstrations
5/7/12 - 5/11/12	Three days of in-class demonstration presentations
5/9/12 - 5/17/12	Only homework will be to work on the typed report
5/18/12	TYPED REPORT AND LAB BOOK DUE