

### AP Chemistry Lab Report Rubric\* Ms. Quirarte 2014

CATEGORY	Expert	Practitioner	Apprentice	Novice
Purpose	The purpose is clearly identified as well as the method used to achieve it in complete sentences.	The purpose or method is identified in complete sentences, but is somewhat unclear.	The purpose or method not correct or present.	The purpose and method not correct or present
Score	5	4	3	0
Prelab questions	All questions answered correctly in complete sentences, all work shown for calculations with units, identities and sig figs +/- 1.	Most questions answered correctly, most work shown for calculations with units identities and sig fig +/- 1.	Some questions answered correctly, Some work shown for calculations with units, identities and sig figs.	Most questions answered incorrectly, missing work or missing units and identities.
Score	15	12	9	5
Procedures	Procedure is <u>summarized</u> in complete sentences indicating a clear understanding of what is to be done in the lab.	Procedure is <u>summarized</u> in complete sentences indicating an acceptable understanding of what is to be done in the lab.	Procedure is not <u>summarized</u> in complete sentences or indicates unclear understanding of what is to be done in the lab.	Procedure summary not in complete sentences and does not indicate understanding of experiment.
Score	5	4	3	2
Presentation (For Prelab and Post lab)	Title and partners' names present, all sections are clearly identified and lines are skipped between questions.	Title or partners' names present, most sections are clearly identified and most lines are skipped between questions.	Title or partners' names present, some sections are clearly identified and some lines are skipped between questions.	Title or partners' names missing no sections are clearly identified and no lines are skipped between questions.
Score	5	4	3	0
Data tables	Data tables made using a ruler, with proper units, identities and significant figures.	Data tables made using a ruler, with mostly proper units, identities and significant figures.	Data tables not made using a ruler or some proper units, identities and significant figures.	Data tables not made using a ruler and some to no proper units, identities and significant figures.
Score	15	12	10	5
Calculations & Analysis	Calculations all correct with significant figures, units and identities. All other questions answered correctly in complete sentences.	Calculations mostly correct and contain significant figures, units and identities. All other questions answered in complete sentences.	Some calculations correct or missing significant figures, units and identities. Some questions not correct or complete sentences.	Many calculations incorrect or missing significant figures, units and identities. Many other questions not correct or in complete sentences.
Score	30	25	15	10
Conclusion	Conclusion includes the purpose (What), the methods used (How), the result(s) (R), percent error and sources of error as required in complete sentences.	Missing 1 of the required sections.	Missing 2 of the required sections.	Missing 3 or more of the required sections. Zero if missing completely
Score	10	8	6	4
Technique	Follow proper safety (goggle, aprons) and lab procedures using correct equipment. Clean lab area when lab is complete.	Follow proper safety (goggle, aprons) and lab procedures using mostly correct equipment. Clean lab area when lab is complete.	Did not follow proper safety (goggle, aprons) and lab procedures or use correct equipment or lab area not left clean.	Did not follow proper safety (goggle, aprons) and lab procedures. Lab area not left clean.
Score	10	7	5	3

\*Replaces prior guidelines and rubrics as of 11/14/14