

Chem 1A Poster Grading-Fall 2006

Names of researchers: _____

Hypothesis: _____

(Scoring: full credit if all criteria are met, -1 for each criterion not met)

Section	Score	Comments
Organization <input type="checkbox"/> Poster includes the required sections (Hypothesis, Molecules, Chemical Principles, Data/Results, Discussion/Conclusions, Future Research, References) <input type="checkbox"/> Poster is readable (use ≥ 24 pt. font), neatly and logically composed	2 1 0	
Molecules <input type="checkbox"/> Identifies the relevant molecules by name, formula, and chemical structure <input type="checkbox"/> Provides a high-quality computer generated or freehand drawing that illustrates relevant structures <input type="checkbox"/> Discusses the relevant physical and chemical properties of the molecules	3 2 1 0	
Chemical Principles <input type="checkbox"/> Correctly applies chemistry principles discussed in Chem1A (concepts from syllabus) to research question <input type="checkbox"/> Description of chemical principles reflects an in-depth understanding of concepts discussed in the course <input type="checkbox"/> All of the relevant chemical principles are addressed	3 2 1 0	
Data and Results <input type="checkbox"/> Information is organized in a way that best ensures audience comprehension (graphs, tables, etc.) <input type="checkbox"/> Information gathered is relevant in that it directly supports or refutes the hypothesis <input type="checkbox"/> No obvious relevant lines of inquiry were left out	3 2 1 0	

Section	Score	Comments
Discussion and Conclusions <ul style="list-style-type: none"> <input type="checkbox"/> Provides concise summary of experimental and/or research findings relevant to the hypothesis <input type="checkbox"/> Integrates experimental data, research findings, and information from the course to draw logical conclusions <input type="checkbox"/> Draws on experimental or research findings to provide specific information or examples to support or refute the hypothesis 	3 2 1 0	
Future Research <ul style="list-style-type: none"> <input type="checkbox"/> Suggests a direction of future inquiry <input type="checkbox"/> Suggests a strategy for accomplishing the new direction 	2 1 0	
References and Acknowledgements <ul style="list-style-type: none"> <input type="checkbox"/> Attribution is provided for ideas, data, and images from other sources (ACS format) <input type="checkbox"/> Uses footnotes to label items in the posters that stem from an outside source 	2 1 0	
Communication <ul style="list-style-type: none"> <input type="checkbox"/> both partners share equally in the oral presentation <input type="checkbox"/> oral presentation is well-organized and engaging to the audience 	2 1 0	
General Remarks from the GSI:		Total Score /20