

Learning Gains Assessment

Reflect on your experiences this semester. The list below describes desired outcomes of this course.

	Course Resources: How much did each of the following activities help your learning?	N/A	None	Not much	Some	A lot
1	Class presentations (including lectures)	1	2	3	4	5
2	Discussion in class	1	2	3	4	5
3	POGIL activities	1	2	3	4	5
4	Classroom demonstrations	1	2	3	4	5
5	Homework assignments	1	2	3	4	5
6	Textbook readings	1	2	3	4	5
7	Resources provided through the web	1	2	3	4	5

	To what extent did you make gains in each of the following?	None	Some	A lot		
1	Acquiring data	1	2	3	4	5
2	Judging the quality of data and experimental results	1	2	3	4	5
3	Finding trends in data	1	2	3	4	5
4	Statistical analysis of data	1	2	3	4	5
5	Collecting, analyzing, and applying information to solve problems	1	2	3	4	5
6	Applying various mathematical models, techniques, and reasoning to solve problems.	1	2	3	4	5
7	Finding and using resources to answer questions or solve problems.	1	2	3	4	5
8	Applying concepts to new situations	1	2	3	4	5
9	Evaluating scientific evidence and argument.	1	2	3	4	5
10	Understanding the relevance of chemistry to real world issues	1	2	3	4	5
11	Factual knowledge of chemistry (terminology, classification methods, basic phenomena, etc)	1	2	3	4	5
12	Understanding the main concepts of chemistry (fundamental principles, and theories)	1	2	3	4	5
13	Confidence in your ability to do chemistry	1	2	3	4	5
14	Working effectively with others	1	2	3	4	5
15	Using the language and concepts of chemistry to communicate effectively in oral and written form	1	2	3	4	5