

Grade Level	10-12
Course Title	Chemistry
Tutor's Name	Michelle Cavanaugh
Tutor's E-mail	5bagshotrow@gmail.com
Class Description	<p>Class will meet once a week for lab and lecture discussion time. Parents are responsible for correcting and checking student progress.</p> <p>This course covers fundamental aspects of chemistry such as the classification of matter, atomic structure, spectroscopy, chemical bonding, molecular geometry, physical change, chemical change, stoichiometry, solutions, ideal gases, acid/base chemistry, reduction/oxidation reactions, thermochemistry, thermodynamics, kinetics, and chemical equilibrium. Weaving together concepts and their mathematical applications, the course teaches students how to think as a chemist so they can analyze the major changes that occur in matter.</p>
Text/Materials	<p>Berean Builders: Discovering Design with Chemistry Set = (Text & Answer Key and tests) Purchase the set at Berean Builders for \$69.00 Lab kit: I will send a glassware and chemical set that you will need to purchase for class it usually runs about \$50.00. The used curriculum sale is a great place to find glassware for chemistry. Lab Notebook: Any notebook will work.</p>
Class Fee (how is it used)	\$20.00
Prerequisites	Mastery of Algebra I
Class Limit	10
Semester	Both Semesters