

Chemistry

Ages: 14 – 18

Time: 1:00 PM – 3:00 PM

Prerequisites: Must have had Algebra I or at least be taking it simultaneously.

Teacher: Liesl Hake

The skeleton of this course will be the Apologia text book, *Exploring Creation with Chemistry*. We will master the entire text, take all the tests, a final exam, do the lab work, and keep a lab notebook.

I may to add a couple intriguing labs that are not in the Apologia curriculum that enhance some of the modules.

In addition, there will be a quiz every other week, term competitions, and additional memory work.

Students will work on two projects, one group project and one individual project.

Extras:

- We will celebrate Mole Day with Amedeo Avogadro, my pet mole (though not necessarily precisely at 6:02 on October 23).
- We may have one evening Chemistry Class Surprise Event that reinforce some of the material in a challenging module in a fun way.
- If it fits our schedule we may listen in on a few select lectures in a Berkley U freshman chemistry class that are of particular interest.

Estimated homework time: average of 6 hours/ week (but varies a lot from student to student)

Tuition for the year: \$415.00

Materials Fee: \$18.00

Lab Fee: \$24.00

Required Purchases: *Exploring Creation with Chemistry (second edition) and the corresponding Solutions and Test Manual.* <http://shop.apologia.com/6-chemistry>

These are not difficult to find used and they are cheaper on other websites including Amazon.

During the year, students may also be asked to cover the cost of a student designed Chemistry T Shirt.

Class Size: Minimum 10. Maximum 25. First come, first serve registration.