



Class Name: Chemistry (Honors)

Offered Block 1 (9-9:55)

& Block 2 (10-10:55)

Fall & Spring 2019-20

Tutor: Alicia Houlberg

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Grade Level: 10th-12th

Course Description: Students will be expected to perform of 4-6 hours of homework per week. This course gives students a rigorous foundation in chemistry. Topics covered are significant figures, units, classifications, the mole concept, stoichiometry, thermo dynamics, kinetics, acids, and bases, balancing equations, solutions, atomic structure, Lewis Structures, molecular geometry, gas laws and more. Labs will be performed throughout the course to reinforce principles being taught. This course also prepares students for college level work and can be followed up with an Advanced Chemistry course.

Prerequisites: Algebra 1, Physical Science

Textbook/Author/Publisher:

Exploring Creation with Chemistry (2nd Edition)

Author: Dr. Jay L. Wile

Publisher: Apologia Educational Ministries Inc.

ISBN: 1-932012-26-5

Supplies Required: Scientific Calculator

- **Monthly class cost:** \$8.00 per week
- **Materials/Lab Fee:** \$30 (each semester)

Minimum # of students: 2

Maximum # of students: 12

