



Chemistry Honors

Course Description

This course is designed to allow highly motivated students the opportunity to develop appreciation for chemistry and how it will integrate with all other sciences. Students will become more adept in their scientific writing by the completion of formal scientific and lab writings.

The chemistry course encourages students to continue their investigation of the structure of matter along with chemical reactions and the conservation of energy in these reactions. Inquiry is applied to the study of the transformation, composition, structure, and properties of substances. The course focuses on basic chemical concepts and incorporates activities that promote investigations to reinforce the concepts. The curriculum includes inquiry into the following content areas:

- Structure of atoms.
- Structure and properties of matter.
- Chemical reactions.
- Conservation of energy and matter.
- Interaction of energy and matter.

This course requires an independent research project.

Prerequisites

- Earth/Environmental Science
- Biology
- Physical Science (suggested)
- Algebra II

It is recommended that the Algebra II score should be no less than a C to be successful.

DLAs, to see a current list of textbooks and course materials, including required websites, please go to the Textbook Tab in the DLA SPA

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