



CP Chemistry Curriculum

Course Description: This course is designed primarily for 10th grade students. Chemistry is both a quantitative and laboratory science that deals with the interactions of matter and the changes matter undergoes. It is a math intense science so it is recommended that the student passed Algebra I CP with at least a 75% before taking this class.

Course Expectations: This course is offered for one semester and students attend class for one block each day. Students will read their textbooks and review their notes independently, as well as complete homework assignments four to five times per week. Quizzes and tests are given for each unit. Lab reports will also be written.

Topics Covered:

- Matter and Change
- Measurements and Calculations
- Atoms (discovery and the structure)
- Arrangements of Electrons in Atoms
- Periodic Table
- Chemical Bonding
- Nomenclature
- Mole Calculations
- Chemical Equations
- Stoichiometry