**Syllabus**

**Mrs. Boyle**

**Course: Honors Chemistry 1A**

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**Course Description:**

**Prerequisite:** 93% or above average in Honors Biology 1A or Biology 1B, and 93% or above average in Algebra I

Honors Chemistry 1A includes more rigorous, intensive application of core Chemistry 1A content at or above grade level with required independent reading, research, and laboratory investigations at an accelerated pace. Honors Chemistry 1A integrates basic inorganic chemistry with math topics. The content of this course includes studying properties of matter and energy, naming compounds and writing chemical formulas, properties of mixtures, chemical bonding, atomic theory, behavior of electrons in atoms, periodicity of elements, the mole, using models to illustrate bonding, and stoichiometry. All students must complete Chemistry 1B in order to complete a full chemistry course.

**Class Expectations:**

* Arrive on time
* Be prepared for class (pencil, calculator, binder, assignments, etc)
* Show respect to everyone
* Do not eat during class
* Remember that you are here to learn
* Have an open mind and a good work ethic
* WE GOT THIS!!

**Grading:**

The course grade is based on a weighted average of your performance on the categories listed below. A weighted average is similar to an arithmetic mean; however, instead of each of the data points contributing equally to the final average, some data points contribute more than others. The proportions are weighted as follows:

**Grade Proportion**

Tests/Quizzes 30%

Assignments 25%

Project 25%

Midterm and Final Exam 20%

**Homework**:

Homework grades are part of the Assignments category. In order to get the most out of this course we need to keep it fresh in our minds. Homework will help prepare you for quizzes and tests, so please take it seriously. Everyone is expected to do his and her own work. Homework will be checked and graded. Sometimes will be graded on either correctness or completion, depending on the assignment.

**Classwork:**

Classwork grades are part of the Assignments category. You will be assigned work to do in class. The expectation is that you will be working on the assignment. Students that are on task will receive a 100% for the classwork assignment. Students that are not on task will receive a zero.

**Participation:**

Participation grades are part of the Assignments category. A class participation grade will be based on arriving to class on time, being prepared, paying attention, answering questions, following directions, and cooperating in class. Being late, misbehaving, and being unprepared will result in point deductions.

**Exams and Quizzes:**

All exams and quizzes will be announced in advance. Once an exam or quiz has been announced, students are responsible for bringing home their study material every night. If you are absent the day before an exam or quiz, you are still expected to take the assessment on the announced day. If you are absent the day of a quiz or exam, expect to take the assessment the day you return to school. If you are absent more than one day, extra time to make up the assessment will be given equal to the number of days absent. Failure to make up an assessment within these time frames will result in a zero.

**Extra Credit:**

Only one extra credit project per student is allowed per quarter. Students must complete the project independently. The project must be relevant to a topic that was covered within the quarter. Extra credit projects will add points to students’ quarter grade. All extra credit projects must be submitted no later than one week before the end of a quarter.

**Lab Assignments:**

Lab experiments will require either the completion of a packet or a report. Instructions and the due date for these assignments will be discussed on the day of the lab.

**Cheating:**

Cheating includes, but is not limited to: looking off of another student’s work, copying another student’s work, use of cheat sheets, storing information on calculators, and plagiarism. If a student is caught cheating by me or another teacher/substitute on a Chemistry lab report, quiz, exam, or homework assignment, they will receive a zero percent. Appropriate write ups will also be made. If the same student is caught cheating a second time on any lab report, quiz, exam, or homework assignment, they will receive a zero for the course along with possible disciplinary actions of the school.