**Syllabus**

**Mrs. Boyle**

**Course: Chemistry 1B**

**Email:**

**Course Description:**

**Prerequisite:** Chemistry 1A and Algebra I, Biology1 A & Biology 1B or Honors Biology 1A and Honors Biology 1B

Chemistry 1B, the continuation of Chemistry 1A, will investigate additional chemistry content. The topics include the use of stoichiometry relationships to calculate reactants, products, and limiting reactants and products in a chemical reaction, synthesis, decomposition, replacement and combustion reaction, thermodynamics, gas laws, solutions, molarity, and acid-base-salt/buffers theory. This course is required to complete a full chemistry course following Chemistry.

**Class Expectations:**

* Come to school
* Arrive on time
* Be prepared for class (pencil, calculator, binder, assignments, etc)
* Show respect to everyone in the classroom
* Never bring food or drinks to class
* Maintain proper safety procedures during labs
* Remember that you are here to learn
* Have an open mind, a good work ethic, and always trust the process

**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**

Exams 25%

Quizzes and Labs 25%

Homework, Classwork, and Participation 25%

Midterm and Final Exam 25%

**Binders:**

Students are required to have a binder for this course. This binder must include blank paper at all times. Your binder must include all notes, handouts, and worksheets given out in class. Students must bring their binders to class every day. All notebooks must be maintained for success in the course. I will do binder checks, both announced and unannounced. These will effect for grade in the course. If a student is absent, he or she is responsible for making up the notes and asking me for missing handouts.

**Homework**:

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. Therefore, homework will be assigned nearly every night. Everyone is expected to do his and her own work. Homework will be checked and graded on completeness. If all or any portion of the homework is not done, you will receive a zero. We often go over a homework assignment on the day it is due. Thus, **late homework is NOT accepted**. If you are absent, please show me your assignment the day you come back.

**Classwork:**

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:**

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. These must be written NEATLY or typed. Instructions and the due date for these assignments will be discussed on the day of the experiment. Students that are absent on the day of an experiment will complete a written report on the topic 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.