# Chemistry 1 Syllabus

**Seabreeze High School**

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| Instructor | Eli Freidus – Room 8-005 | Phone | 386-258-4674 |
| Office Hours | Lunch – Monday through Thursday | E-mail | efreidus@volusia.k12.fl.us |

**Course Description**

Students explore the fundamental principles of chemistry which characterize the properties of matter and how it reacts. Laboratory work is incorporated throughout the course, allowing students to obtain, organize and analyze data. Conclusions are developed using both qualitative and quantitative procedures. Topics include, but are not limited to: measurement, atomic structure, electron configuration, the periodic table, bonding, gas laws, solutions, stoichiometry, reactions, kinetics, equilibrium, and acids and bases.

Main Goals: The main goal of this program is to provide a solid foundation in the study of matter and its changes. Through many activities students will demonstrate how theory is applicable in laboratory situations. All students will develop good methods of problem solving and proper laboratory technique.

**Text and Materials**

Chemistry- Matter and Change (Glencoe)

**Course Objectives**

Learning goals for each unit of study are included in the Volusia County Chemistry 1 Curriculum Map, which can be found at <http://myvolusiaschools.org/K12-Curriculum/>

**Grading Scale Evaluation**

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| --- | --- | --- | --- |
| 90 – 100 | A | Diagnostic | 0% |
| 80 – 89 | B | Formative | 40% |
| 70 – 79 | C | Summative | 60% |
| 60 – 69 | D |  |  |
| 0 – 59 | F | \*non state-EOC exam courses will include a 10% final exam category in the last quarter | |

**Late Work and Makeup Work Policy**

Late work will be accepted one day after the assignment due date.

In the event of an excused absence from school, late work will be accepted without penalty provided that the missing work is submitted in a timely manner. (One additional day per day of absence will be allowed.)

**Supplies**

-1 ½ inch three ring notebook with 12 dividers

-Loose-Leaf Notebook Paper

-4 dry erase markers to be donated for classroom use would be greatly appreciated

**Evaluations**

Summative unit tests will accompany each of the 12 Units of Study.

Expect frequent vocabulary tests. 4 formal lab reports will be submitted, one per quarter.

Quizzes, worksheets, lab activities, classwork and homework will make up the bulk of formative assessments.

**Online Resources**

Most class information will be shared on the class website, [www.FreidusChem.weebly.com](http://www.FreidusChem.weebly.com). From this site, students will be able to access all assignments and reviews as well as helpful study links.

**Daily, Weekly, or Yearly Expectations**

The importance of good attendance and the ongoing monitoring of your grade cannot be overemphasized. As your teacher, I make it a priority to keep your grades up to date. It is your responsibility to check gradebook regularly. In the event of an excused absence, I will often mark a missing formative assignment as excused. This will appear as an X in the gradebook and you will not have to make up this particular assignment. Again, a formative assignment, marked with an “X” need not be made up. Essential work that is missing or not completed will be entered as zero, 0, in gradebook. These assignments must be made up within 2 days. After the allotted time has elapsed, you lose the ability to earn credit for the assignment.

Making up tests- A score of 70% on a summative unit test shows proficiency. A test grade below 70% should be retaken. You may retake ONE summative test per quarter. You will be expected to come in at lunch to review the unit study guide, then you may come in at lunch (as per arrangement) to retake the test. The deadline for retaking a test is one week after the original test date.

Electronic devices- As a BYOT school, your phone may be used as a tool in my classroom. Appropriate uses of the device include utilizing the class website, confirming a definition, taking a picture of your lab apparatus, etc. You may NOT use the device during class to text your friends, order lunch, arrange for a ride, etc. Referrals will be written for inappropriate use of a cell phone in class. After a referral is written, you lose your privilege to use your phone as a classroom tool.

Classroom Rules

1. Come to class prepared to be productive (notebooks are needed every day).
2. The classroom is a learning environment. ***Interact with your classmates and teacher respectfully.***
3. Clean up your lab station before you leave class.
4. Cell phones may only be used a classroom tool, not as a source of entertainment or interpersonal communication.

Cheating

Unthinkable. Your guardian will receive a phone call, you will receive a zero.

\*\*\* **Please complete and return this form to Mr. Freidus\*\*\***

**Chemistry 1**

**Syllabus**

**Seabreeze High School, 2016-2017**

**Mr. Freidus, Room 8-005**

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***I have received and read the syllabus for Chemistry 1.***

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Student Signature Print Name Date

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Parent Signature Print Name Date

Parent Email\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_ cell\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_

Please sign and return this form to class.