



Grand Haven High School Honors Chemistry

Course Number: D55

Grade Level: 10-12

Credits : 1.0

Prerequisite Courses : Concurrent or completion of Algebra II

Course Description

Chemistry is the study of all matter. The world we see around us is even more complex than it seems. At a fundamental level all matter is made up of atoms. By studying chemistry scientists seek to understand how the composition of these atoms determines the qualities of matter such as appearance and reactivity. Most students think of chemistry as “blowing things up”. My goal for this year is for you to leave with a better understanding of what chemistry truly is and an appreciation for the greater complexity of our world.

Course Objectives

To help students meet the state of Michigan standards for chemistry as laid out in the NGSS (Next Generation Science Standards). Students will study the content of chemistry, apply science and engineering principles, and connect chemistry to the other sciences.

Student Expectations

Naturally, all school rules apply as stated in the handbook. Specific classroom rules will be developed when we create our social contracts and all students will be expected to adhere to the agreed upon contract. As for class procedures these will be learned during the first week of school or throughout the semester.

Attendance and Tardy Policy:

The school attendance policy will be followed. If you miss class for any reason YOU are responsible for checking in with me to find out what you missed and for going onto Google classroom to find assignments. For excused absences all homework assigned the last day you were here is due the day you come back. For unexcused absences you should still turn in your work, but the late policy will apply.

Building Behavioral Expectations

T.E.A.M. GH ... One Team, One Family, One Grand Haven. Be Kind. Always.

It is our expectation that ALL GHHS students, staff and parents will ... always give their best **EFFORT** in everything that they do, work hard to be **INCLUSIVE** of each other, show **RESPONSIBILITY** in class, the hallways, cafeteria and at events, and **WORK TOGETHER** at all times!

We are Always a TEAM in Buccaneer Country!

Together, Excellence, Accountability, Mindfulness ... GO BUCS

You are counted tardy if you are not in the door before the bell rings. I won't argue with you over whether or not you are tardy, I will simply let you know and mark it down. Class will begin right away each day so it is critical that you arrive on time and get out everything you will need to work.

Communication

Teacher will communicate primarily through email and google classroom.

Grading Policy

Tests/Quizzes- 60%

Homework/Classwork- 15%

Lab Work- 25%

Scope and Sequence

Chemistry A- 1st Semester	Chemistry B- 2nd Semester
Unit 1- Matter and Measurement Unit 2- Atoms, Ions and Compounds Unit 3- Modern Atomic Theory and Trends Unit 4- Bonding, Geometry, and Naming Unit 5- The Mole	Unit 6- Chemical Reactions and Stoichiometry Unit 7- Thermochemistry Unit 8- Gases Unit 9- Solutions, equilibrium and Acid/Base Chemistry Materials Project

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