Chemistry

Ms. Perry

Signal Mountain Middle/High 2016 – 2017

HOW TO CONTACT ME

* Email: [perry\_erin@hcde.org](mailto:perry_erin@hcde.org)
* Phone: (423) 886-0880 ext. 265
* ManageBac
* Tutoring available during directed studies. Contact me if you need additional times.

CLASS MATERIALS

**Required\***

* 2 bound composition books
* College-ruled filler paper
* Pencils
* Black or blue pen
* Binder (may combine)
* Page dividers/stick on tabs
* StudyBlue app/account

\*Textbooks may stay home, unless I say otherwise.

**Recommended\*\***

* Highlighters or colored pens
* Calculator
* Smart phone or tablet
* Remind101
* Socrative app

\*\*We have class sets of calculators and laptops, or students may bring their own devices.

ROOM 2239 CLASS PROCEDURES

**Procedures**

* With permission, you can sign out of class on the “Sign Out” sheet.
* Laptops can be used if you sign the “Computer Log”.
* Graded work will be available to get in your designated folder in the file boxes.
* Coursework will be turned into the appropriate trays.

**Expectations**

1. Come to class prepared.
2. Be in assigned seat before bell rings & begin completing bellwork which has allotted amount of time.
3. Respect everyone & everyone’s possessions.
4. Food/drink spills MUST be cleaned up or this privilege is taken away.
5. Work or study until I say you can pack up to leave.
6. Work not finished in class is homework unless otherwise stated.

**Coursework**

* You will have an allotted amount of time to complete tests.
* Coursework will be graded and returned within a week after submitting.
* You may complete test corrections to earn back half the points you missed within a week of receiving your graded test.
* Tests will NOT be curved.

CONSEQUENCES

1. Warning
2. Detention
3. Parent contact
4. Office Referral

Serious offenses may not follow this protocol.

GRADES

50% Tests / Projects

40% Daily work / Quizzes

10% Lab Work

Class progress reports are sent home every 3 weeks, and report cards will be sent home 4 times throughout the year. Parents and students are strongly encouraged to check the PowerSchool Portal on a weekly basis to view the most current grades. Don’t ask for extra credit!

LATE / INCOMPLETE WORK

* Missing Work board, No Name board, and Absent binder are resources to HELP you make sure your work is turned in.
* If tardy, it is your responsibility to get material missed without disrupting class. Unexcused/undocumented tardies will have late penalties on missed work.
* 5% deduction on coursework turned in without a name.
* 10% deduction for each school day late. A “Late Work Excuse” page will be filled out to document. After 3+ school days late, you get a 0 & the assignment will no longer be accepted. A “Take a Zero” page will be filled out to document.

ABSENTEE POLICY

* YES, WE DID SOMETHING IMPORTANT WHILE YOU WERE ABSENT. It is the student’s responsibility to check the absent binder and class calendars to find any assignments missed.
* You have 5 days to complete makeup work.
* Unexcused absences receive additional 10% off makeup work & coursework that was due.
* Assignments that were due day(s) you missed, are due the day you get back, including all assessments.
* If you missed a lab, get sample data from me to put in your notebook, and still complete all lab work as normal.

TECHNOLOGY

* No devices out during class activities unless otherwise stated.
* We will be using Remind101 for reminders, Socrative for quizzes, and StudyBlue to create study materials.
* All cellphones must be in the designated basket in order to take tests.
* You can listen to music with ear/headphones while doing individual work.
* Inappropriate cellphone use-
  + 1st offense: confiscated for the day
  + 2nd offense: confiscated for 10 days
  + 3rd offense: confiscated for 20 days
  + 4th offense: confiscated for rest of school year

APP REGISTRATION

**StudyBlue**

* Create an account with your email & name
* Choose “I’m a student”
* School: Signal Mountain Middle High School
* Class: Chemistry
* Instructor: Perry
* Finally, the free version works just fine!

**Socrative**

Use PERRY4153 as our class code when we do activities with this app/website.

PLAGIARISM & CHEATING

If I catch you using other people’s work as your own, you will get a 0 and administration will be notified. Assume that plagiarism-seeking software can be used on anything turned in to ManageBac.

**END OF COURSE EXAM**

This course includes a state mandated end of course exam that will be taken May 4th. We will review about a week before.

COURSE DESCRIPTION

This course will cover basic chemistry topics that begin with the foundation of atoms and look at how atoms interact with one another.

LABORATORIES

* Pre-lab assignments will be given 1 week ahead & are due day of lab.
* Typed lab reports are due 1 week after lab.
* All pre-lab assignments & data collection will be written in a bound composition notebook with a blue or black pen.
* Serious lab safety offenses could result in 30% deduction on final lab report grade.
* If you are not properly dressed the day of lab, you will have to do an alternate assignment.

ATOMS

August 11 – September 7

* Atomic Models
* Element properties
* Periodic table
* Periodic trends

BONDING & NOMENCALATURE

September 9 – September 30

* Atomic properties
* Ionic & covalent bonding
* Scientific method
* Naming
* Formulas

MATTER

October 3 – December 5

* Graphs
* Gas Laws
* Particle Spacing
* Phase Diagrams

REACTIONS

January 4 – January 27

* Law of conservation of mass
* Predicting products
* Balancing equations
* Reaction types
* Predict products

QUALITATIVE CHEMISTRY

January 30 – February 17

* Stoichiometry
* The mole
* Percent yield
* Amount of product

ENERGY FLOW

February 22 – April 19

* Energy transfer
* Heat of formation
* Isotopes
* Endothermic & exothermic reactions
* Nuclear reactions
* Applications, benefits, hazards of nuclear chemistry