



E-Chemistry Syllabus

Instructors:

Ms. Leslie Landrum

leslie.landrum@pgcps.org

Mr. Clemente Maccallop

clemente.maccallop@pgcps.org

Overview

Course Title: E-High School Chemistry (for online viewing)

Summary: This is a one credit high school course designed to endow students with the necessary knowledge and skills that will enable them to apply scientific skills and processes for practical chemistry science concepts. Upon successful completion of this course, students should be able to demonstrate the ability to apply scientific skills and processes in order to explain composition and interactions of matter in the world in which we live. Mastery of knowledge acquired in the High School Chemistry course will be demonstrated by successful completion on the PGCPs Cumulative Assessment for Chemistry, which is administered at the end of the course. Alternative assessment devices such as portfolios and projects are also used to assess students' performance.

How Grades are Earned

Grading Factor	Description of Knowledge Work	% Of Grade
Assessment	Unit Tests: Estimated Point Range: 300 These exams take place at the end of curricular units which can vary from 1-3 In a ten week period.	45%
	Quizzes: Estimated Point Range: 100 Assessments will occur sporadically in any given 10 week period but will likely occur at a frequency of once per every 2 weeks.	
	Full Laboratory Investigations Estimated Point Range: 100 These reflective assignments will occur sporadically in any given 10 week period but will likely occur at a frequency of once per every 5 weeks.	
Homework	Nightly Homework Assignments: Estimated Point Range: 10 Assignments types and lengths will vary: These assignments will be assigned daily in any given 10 week period.	15%
	Student Portfolios : Estimated Point Range: 100 Portfolios are to graded not more frequently than each unit, but at least once per quarter.	
Class work	Warm Ups: Estimated Point Range: 5 These assignments will be assigned daily in any given 10 week period. Not all warm ups will be graded. Warm ups will be assessed in class and will not be scored after the end of the class.	40%
	Mini Labs & Inquiry Activities: Estimated Point Range: 100	

E-Chemistry Syllabus

	These assignments will be assigned regularly throughout in any given 10 week period. Not all activities graded.	
	Other Classwork: Estimated Point Range: 10-100 These assignments will be assigned daily in any given 10 week period. Not all warm ups will be graded.	

Grade Scale:

90 – 100%	A
80 – 89%	B
70 – 79%	C
60 – 69%	D
0 – 59%	E

Student Portfolio:

As students complete their assignments and assessments they will be expected to retain them in a 3 ring binder (called a portfolio.) All assignments are to be in order by date. In the case that a student loses their portfolio they must restart the portfolio off from that most recently graded assignment.

Class Materials:

Required Item	How It will Be used
One 1-1 ½ Inch Binder	To organize student assignments in their portfolios.
Loose-leaf Paper	To complete reflective assignments in class or at home.
Scientific Calculator	To perform complex calculations involving decimals and exponents
Colored Pencils	To assist in note taking and drawing of chemical structures
Pencils and Pens	To construct knowledge and demonstrate learning.
Suggested Item	How It will Be used
Flash Drive	In the case that a student has a digital copy of an assignment they may otherwise not have access to they can use the flash drive to show the assignment in class.

Course Outline:

Qtr 1

- Ch 2: Matter & Change
- Ch 4: Atomic Structure
- Ch 5: Electrons in Atoms
- Ch 6: The Periodic Table

Qtr 3

- Ch 10: Chemical Quantities
- Ch 11: Chemical Reactions
- Ch 12: Stoichiometry
- Ch 13: States of Matter
- Ch 14: The Behavior of Gases

Qtr 2

- Ch 7: Ionic Bonding
- Ch 8: Covalent Bonding
- Ch 9: Chemical Names & Formulas
- Ch 3: Scientific Measurement

Qtr 4

- Ch 16: Solutions
- Ch 17: Thermochemistry
- Ch 18: Equilibrium
- Ch 19: Acids, Bases, & Salts
- Ch 25: Nuclear Chemistry
- Ch 24: The Chemistry of Life

Approved: _____
Carletta Marrow, Principal

Please detach lower portion and return by: _____

Cut Here -----

I, _____, clearly understand the expectations of this class and agree to all of the above guidelines and procedures.

Students:

Parent/Guardian

Student's first and last name (Please Print)

Parent/Guardian's Name (Please Print)

Student's signature

Parent/Guardian Signature

Date

Date

Parent/Guardian Contact Information:

Home phone number: () _____

Work and/or cell phone number: wk () _____ cell () _____

Parent/Guardian e-mail address: _____