

Chemistry CP2 2013-2014

Syllabus for: Miss Pahls
Room: 7205
Department: Math/Science
Contact: pahlss@mcgill-toolen.org
Free Period: B and C



Course Description: This course is a study of the behavior and interactions of matter. Concepts and models used in chemistry include the conservation of mass (and energy), periodicity of atomic properties, structure of the atom, molecular structure, chemical reactions and stoichiometry. Quantitative reasoning and laboratory measurement skills are developed to determine percent composition, molar quantities, molecular weight and the dynamic changing of volumes and masses of reacting substances. Course admission requires current enrollment in Geometry (or having completed Geometry).

Textbook: Chemistry by Wilbraham, Staley, Matta, and Waterman published by Prentice Hall
Supplemental reading as assigned by teacher

Materials Needed:

Graphing Calculator (TI83 or TI84)- No Calculator sharing will be allowed
Spiral Notebook or 3-ring binder to store class notes and handouts
Pencils (graded work submitted in pen will result in a 10% grade reduction)

Grading Detail:

50% **Tests**- Given at the end of each Chapter.
10% **Homework**- Assigned daily, checked for completion daily, occasionally select problems will be graded for accuracy. Homework is not optional.
20% **Quizzes**- Given weekly finishing each lesson.
10% **Projects**- Assigned periodically throughout the year, rubrics will be included in assignment.
10% **Lab Assignments**- Assigned throughout the year, including prelab questions, lab participation, and lab reports.
See McT Handbook for greater detail regarding semester grade calculation.

Course Outline:

First Semester (tentative)		Second Semester (tentative)	
	Introduction to class		
Chapter 1	Introduction to Chemistry	Chapter 8	Covalent Bonding
Chapter 2	Matter and Change	Chapter 9	Chemical Names and Formulas
Chapter 3	Scientific Measurements	Chapter 10	Chemical Quantities
Chapter 4	Atomic Structure	Chapter 11	Chemical Reactions
Chapter 5	Electrons in Atoms	Chapter 12	Stoichiometry
Chapter 6	The Periodic Table	Chapter 13	States of Matter
Chapter 7	Ionic and Metallic Bonding	Chapter 14	The Behavior of Gases

Classroom Rules:

Rule 1: Respect all class participants, teachers, and visitors to the classroom.

Rule 2: Arrive on time with all materials necessary for class.

Rule 3: Follow all safety guidelines and procedures listed in the Chemistry class lab manual.

Rule 4: Adhere to all policies found in the McGill-Toolen Catholic High School Student Handbook.

Classroom Procedures:

Beginning of Class: When students enter the class, they will place their homework from the previous day in the upper left hand corner of their desk. They will complete the “Bell-work” as the teacher checks homework for completion. Once the door is closed (at the sound of the bell), any student who enters will be tardy.

During Class: Students will be expected to take notes each day, participate when asked, and contribute to group discussions or projects. Students will not be allowed to leave the classroom during a lesson unless it is an emergency.

Finishing Class: Students will copy down the homework, written on the side wall. Students will stay in their seats until the bell rings and they are dismissed.

Absentee/Make-up Work: When absent, the student will be responsible for what he/she missed. The student can retrieve all handouts and homework from a neighbor and should make sure to get the notes either from a classmate or the teacher.

If the absence is excused: Any quiz or test missed can be made up either before or after school by appointment with the teacher as soon as possible. Homework to be checked on day that the absence occurred will not be checked; it will neither count for or against the final grade.

If the absence is unexcused: Anything turned in on that day will be counted as a zero.

Late Work: Any project that is turned in late will result in a 10% grade reduction for each day that it is late. The lowest starting value will be 50% of the original total.

Teacher Availability: Every Monday the teacher will post the available after-school times which will always be after 3:30. Before school time is also available by appointment. E-mail is also a great tool for fast questions or to set up an appointment and will be available until 8pm.

Chemistry CP2
Miss Pahls
Room 7205

I _____ acknowledge that I understand the syllabus for Miss Pahls' Chemistry CP2 class. By signing below and I agree to adhere to the rules and procedures of the class described in the syllabus.

Student Signature _____

Date _____

Parent Signature _____

Date _____