

Chemistry 11

M. Yalowega - myalowega@sd45.bc.ca
<http://tinyurl.com/wvscience>

Course Expectations

General School Expectations:

- Be on-time and attend each class
- Respect the learning environment
- Be here to learn

General Classroom Expectations:

- At all times show personal responsibility and mutual respect

A. Course Description

The purpose of Chemistry 11 is:

- To stimulate your interest in the field of chemistry and increases your awareness of its importance to our environment.
- To develop your problem-solving abilities in an effort to prepare you for future chemistry courses.
- To guide you in basic lab skills that could be of use to you in future chemistry courses

GENERAL DAILY LESSON

- Review previous lesson/current event/challenge
- Lesson
- In-class work or activity
- Exit Slip



B. Key Learning Outcomes

I. Content

<u>Unit 0:</u>	Science 10 Review/Safety	4 weeks
<u>Unit I:</u>	Mathematics in Chemistry	2 week
<u>Unit II:</u>	Quantifying Matter – The Mole	4 weeks
<u>Unit III:</u>	Chemical Reactions – Qualitative	3 weeks
<u>Unit IV:</u>	Chemical Reactions – Quantitative	5 weeks
<u>Unit V:</u>	Atomic Theory & Periodicity	4 weeks
<u>Unit VI:</u>	Solution Chemistry	6 weeks
<u>Unit VII:</u>	Organic Chemistry	6 weeks

II. Strategies and Skills

It is expected that students will:

- follow safety procedures
- manipulate data when performing analyses and calculations
- distinguish between observation and interpretation
- connect objectives and conclusions
- interpret tables and graphically represent given or experimental data
- observe, record data from, and analyze chemical reactions

C. Student Activities

Students may engage in the following activities:

- Laboratory Skills and Experiments
- Problem Solving
- Class Discussions
- Discovery Learning

D. Classroom Conventions

Please pay close attention to the following guidelines:

- Lab safety needs to be followed at all times.
- Cell phones are not appropriate for use during group discussions and labs, food and drink are not permitted in the chemistry lab.
- Students need to be aware that the written work they submit must be entirely their own. Although students may work in pairs or groups to obtain their data, when completing a piece of work in the laboratory or outside the classroom, students must work independently.

Evaluation

Chemistry 11: Marks Explanation

Tests	60%	You must be present on the days of quiz's and test or contact me by email before the exam starts. If an exam/quiz is missed you must make up the exam/quiz at the next Thursday morning session.
Quizzes	20%	
Assignments/Labs/ Classwork	20%	It is important to be present for all class assignments as some can only be completed during class. All assignments must be handed in on or before the due date.
FINAL MARK		
Course Mark -	75%	
Final Exam Mark-	25%	

Learning Tools

Lesson Notes

Notes will often be provided but at times you must be prepared to create your own notes from lessons and materials.

YOUR NOTEBOOK: 3 Sections Worksheet/Assignments

This will include activities, worksheets and other assigned work.

Quizzes

All quizzes that are given back to students must be kept.

TEXTBOOK: Hebden 11 + Emailed Tutorials

WHAT YOU MUST BRING TO EVERY LESSON

~Scientific Calculator

~Notebook

~A sense of curiosity

Communications

Students: During class it is expected that you utilize in class the time effectively to maximize your understanding of the concepts and content. I will be available mornings from 7:30 – 8:15.