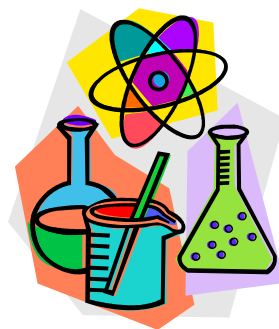


# Chemistry 12

**Teacher:**  
**Mrs. Sandhar**

*Chemistry is the science that deals with the properties and reactions of materials. It is concerned with the identification, characterization and transformations of matter along with the accompanying energy transformations. Chemistry 12 highlights specific applications of science such as reaction rates and mechanisms, equilibrium systems, acids and bases, solubility and electrochemistry.*



## **Textbooks:**

Hebden: Chemistry 12: A Workbook for Students (\$25)

Other textbooks will be used, but not necessarily signed out to students.

## **Background Knowledge:**

Significant Figures

Mole Calculations

Stoichiometry

Types of Reactions

Naming Acids and Bases

Solutions

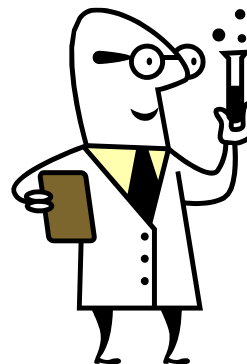
*If you did not do well in Chemistry 11 you will find this course difficult. Talk to me ASAP if you have doubts about Chemistry 12 or go see a counselor immediately about an alternative grade 12 credit. If you stay, get a buddy who will help you through Chem 12.*

## **Commitment Needed:**

You must be willing and able to do homework/review every night. If you get behind it is very difficult to get caught up. If you are sick or away, you must get all of the work you missed on YOUR OWN time and then come in to get extra help. You have to get yourself through Chem 12, no one else can do it for you. You must check out [quizmebc.ca](http://quizmebc.ca) and BC Govt Provincial Exam website to practice, practice, practice.

## **Grading Policy:**

Reaction Kinetics:	16%
Equilibrium :	16%
Solubility:	16%
Acids/Bases	24%
Electrochemistry	18%
Final Exam:	10%



### Expectations:

1. Homework is due at the beginning of class.
2. Absences:
  - a. Illness: I need a written note or email from a parent explaining why you are away or why you will be away.
  - b. Field trips: Make sure you come in to get any work that you are going to miss.

*NOTE: If you get caught lying or skipping, you will be given a referral, DT and....*

3. You have until the day I hand back the marked assignments to get yours in without having to do a different, longer and harder assignment.
4. Each assignment is timed to build on the one before it, so **DON'T GET BEHIND!**

### Assessments:

All tests and quizzes are required assessments.

1. Make arrangements to reschedule tests before any planned absence.
2. If you are away for a test or quiz, you will have to write it on the day that you return.
3. Most tests and quizzes will be announced, but some quizzes may POP up.
4. There will be NO rewrites for tests and quizzes.
5. Caught cheating: Expect a zero, referral to office and call home

### Lab Behaviour

*Any student deemed unsafe in the lab will not be allowed to do the lab activity. Failure of the safety test, prelab safety quiz, inability to answer verbal questions regarding procedure or unsafe behavior will prevent you from doing the lab until you have demonstrated a safe manner and adequate procedural knowledge.*

**NO FOOD OR DRINK OR GUM IN THE CLASSROOM DURING LABS.**

### HELP!!!

1. Always do your homework and if there is material you need help with, ask in the first 10 min of class.
2. Help is available at lunch and some days afterschool.