Chem 11 IB

Mr. Roque

proque@sd43.bc.ca

Chem office (room 3039)

IB Chemistry is a two year experimental science program, the introductory portion of which is Chemistry 11 IB.

Text: Brady, James et al. Chemistry:The study of Matter and its Changes, 2000 John Wiley and Sons, New York

Topics:

1. Stoichiometric Relationships
    a. Introduction to the particulate nature of matter and chemical change
    b. The Mole Concept
    c. Reacting Masses and Volumes

2. Atomic Structure
    a. The Nuclear Atom
    b. Electron Configuration

3. Periodicity
    a. The Periodic Table
    b. Periodic Trends

4. Chemical Bonding and Structure
    a. Ionic Bonding
    b. Covalent Bonding
    c. Covalent Structures
    d. Intramolecular Forces
    e. Metallics

5. Energetics and Thermochemistry
    a. Measuring Energy Changes
    b. Hess' Law
    c. Bond Enthalpies

6. Measurement and Data Processing

Academic Honesty

Students are expected to adhere to the PMSS Academic Honesty Policy. Please refer to it on the school website and be sure to understand it and its implications.

Evaluation:

A variety of tests, assignments and labs will be used to generate a student's percentage and work habit mark. The work habit is based upon a student's readiness to participate and is essentially an estimate of how ready a student is for the workplace. A mark of G(ood), S(atisfactory) or N(eeds Improvement) is given. The percentage mark will be based on how many of the learning outcomes each student meets.

I am available most days after school and at lunch for extra help and questions. If you need to contact me at other times, feel free to email your questions as I check fairly often.