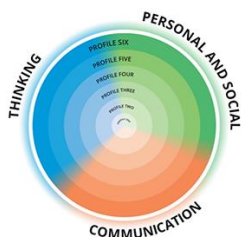


Chemistry is the study of matter - atoms, molecules and how they interact and react. In this course we will study many important principles of chemistry and apply them to health, society and the environment.

Core Competencies: will be evaluated using self-assessment. Students will consider their own development in the areas of:

- Communication
- Critical Thinking
- Creative Thinking
- Social Responsibility
- Personal Identity
- Personal Awareness



Curricular Competencies: skills that all students are expected to develop in this course. They will be assessed during experiments and projects in each unit and consist of:

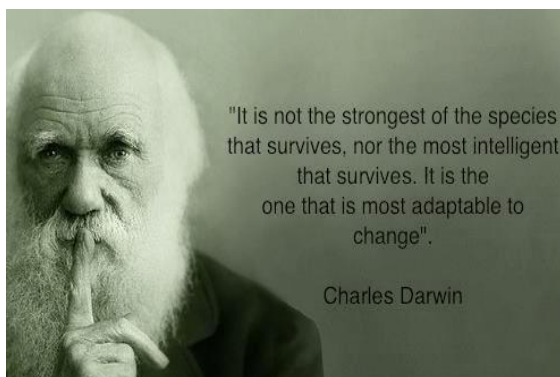
- Questioning and predicting
- Planning and conducting an experiment
- Processing and analyzing data
- Evaluating experimental results
- Applying and innovating
- Communicating

NorKam attributes: students are expected to demonstrate the attributes of *Global Citizenship, Adaptability, and Inquiry*. These attributes will be incorporated into the rubrics of student projects



Inquirer

Millions
saw the
apple fall,
but Newton
asked why.
-Bernard
Baruch



All of these competencies/attributes will be assessed through the learning of the following topics. Your mark will be weighed cumulatively throughout the semester, with a final exam at the end.

Materials Required:

Pencil, pen

Calculator

Eraser

Binder with lined paper

Topics and Weighting

Your mark will be weighed cumulatively throughout the semester, with a final exam at the end.

| | | |
|---------------------------------|----------------|------|
| Properties and Measurement | Chapters 2 & 3 | 10% |
| Atoms and Periodic Table Trends | Chapter 8 | 10 % |
| Molecules and Bonding | Chapters 4 & 8 | 15% |
| The Mole | Chapter 5 | 15% |
| Chemical Reactions | Chapter 6 | 8% |
| Stoichiometry | Chapter 7 | 12 % |
| Solution Chemistry | Chapter 9 | 5% |
| Organic Chemistry | Chapter 10 | 5% |
| Final Exam | | 20% |

You can expect "assessments FOR learning" and "assessments OF learning".

"Assessments FOR learning" may be questions/worksheet/activity/quiz which you are required to do as part of the learning process. Not completing these tasks will significantly impede your learning. Expect to have homework most days.

"Assessments OF learning" show me what you have learned during or after the unit. These may be labs, projects, or tests.

Effort Mark:

Refer to Norkam's Behaviour Matrix. "CARE"

Attendance/Course Work

It is expected that you attend every day (that you are healthy and able), especially with a lab-based course. Your parent/guardian must contact the school (phone call or written note) to excuse your absence. Missing classes will significantly hinder your learning. You are responsible for getting missed work and catching up on your own time (not during class time). Missed tests or quizzes will be made up at lunch time.

Check myed for your progress.

General Classroom Expectations

- no cell phones, ipods, etc during instruction, labs, or group work. During individual work it may be out but requires responsible use. **If it's a distraction I will take it.**
- be respectful. Listen when others are talking/do not interrupt (CARE)
- be prepared to start learning when the 2nd bell goes (CARE)
- no food or drink during a lab
- take off your hat when entering the classroom please

Communication

You and/or your parent/guardian are welcome to contact me via email (tepp@sd73.bc.ca) or phone (250-376-1272) with any questions or concerns.

Extra Help

I will make myself available at lunch time if you need any extra help.

I hope you have an awesome quarter!