

Course Description:

Welcome to Chemistry 11 with Mr. Romswinckel. Our goal in this course is to build on the skills you learned in Science 10 and introduce some new concepts of Chemistry. You will be applying critical thinking and problem-solving skills to meet the required curricular competencies for this course.

Course Content:

1) Accuracy & Conversions	Concepts of measurement, significant figures & conversions
2) Atoms and Molecules-	Quantum mechanical model and Electron configuration Lewis structures, Valence electrons, Chemical Bonding
3) Organic Chemistry-	Organic compounds, Applications of organic chemistry
4) The Mole-	Dimensional analysis, Stoichiometry
5) Matter/Energy Conserved-	Chemical Reactions, Predicting Chemical Outcomes
6) Solution Chemistry-	Solubility of molecular & chemical compounds, aqueous solutions

Expected Curricular Competencies To Be Met:

-Questioning & Predicting-	Observations, Formulating Hypotheses
-Planning and Conducting-	Design & Plan Experimental Investigation
-Process/Analyze Data-	Interpret Patterns, Draw Conclusions, Cause & Effect
-Evaluating-	Identify Experimental Errors & Question Results
-Application/Innovation-	Apply Gained Knowledge Toward Real Issues
-Communicating-	Formulating Valid Arguments Using Scientific Language

Marks Distribution:

Inquiry Based Activities	10%
Quizzes	40%
Exams	40%
Final Exam	10%

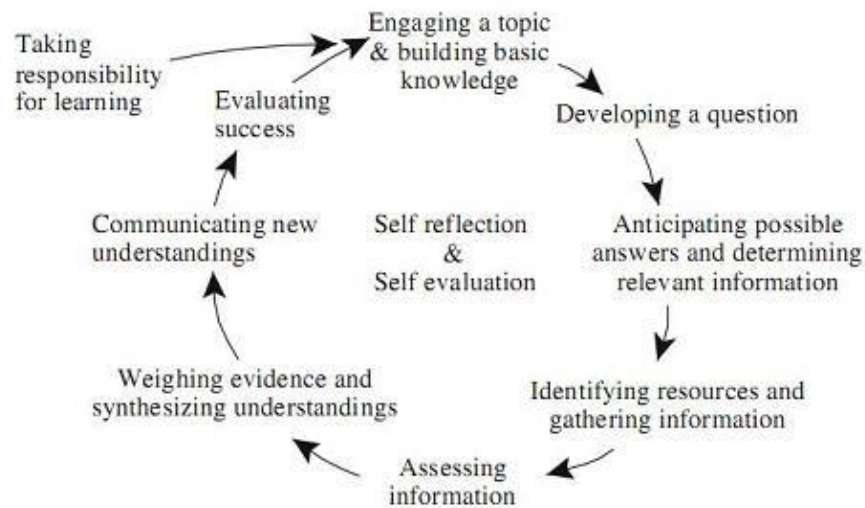
Textbook: Hebden Chemistry 11 Workbook

Quiz and exam questions are directly from the textbook
The more problems you practice the better prepared
you will be for the exams.

Marks are not awarded for "Intentions." Marks are given for actual and verifiable results.

This is an Inquiry Based Learning Course

Inquiry Based Learning (IBL) starts with you, the student, taking responsibility for what you learn starting with a question, gathering and analyzing resources and then communicating newly formulated arguments. Below is a diagrammatic outline of the IBL process.



Attendance Policy

*The only absences that are recognized will be "Excused Absences" as per MyEdBC. Do not bring in a note. If your parents/guardians can write a note they can also call into the office.

*It is your responsibility to find out what notes, handouts or assignments you have missed. This is a Grade 11 class so it is time for you to take control of your learning.

*If you have an excessive amount of absences in this class it will be difficult to "catch-up"

*Understand that some Inquiry Based Physics Activities cannot be "made-up" (**ie: Plan Ahead**)

*If you are absent for a quiz you need to make sure your parents/guardians call the office to "excuse" your absence. If this is done the very next quiz mark will replace the No-Mark. This accommodation **can only be used once** during the quarter.

* If you are absent for an exam you will be offered the opportunity for a make-up exam if I can **talk with a parent or guardian about your absence**. Only one exam can be "made-up"

* The only day for make-up exams is **Friday December 16, 2022 at 9:55 am**.

This is the only day and time a make-up exam is offered and only one exam can be made up.

Important Dates

Final Exam- Friday December 16 at 8:30 am
(There is no make-up for the Final Exam)