

### 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 & Science 9 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<br>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:

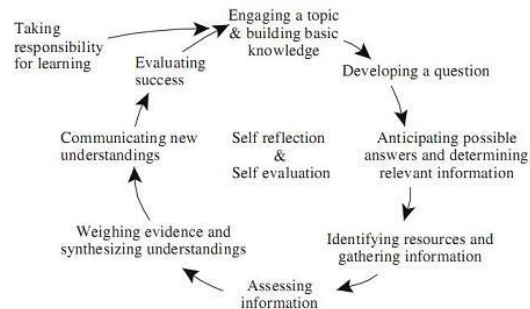
|                          |     |
|--------------------------|-----|
| Inquiry Based Activities | 20% |
| Mid-Term 1               | 25% |
| Mid-Term 2               | 25% |
| Mid-Term 3               | 15% |
| Final Exam               | 15% |

**Textbook:** Hebden Chemistry 11 Workbook

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.

\*Understand that some Lab Analysis Assignments cannot be "made-up" (ie: **Plan Ahead**)

## **Late Policy**

\*If you arrive to class after the bell you are late. If you are late, you have to serve a 15 minute detention that day starting at 2:45pm. If you don't show, you will serve a 15 minute detention the next day. If you forget to attend you will receive 30 minutes the next day

## **Washroom Policy**

I have a "digital hallpass" where you log out on the tablet (starting the time clock) to go to the washroom or to get a drink of water. The only washrooms or drinking fountains you can go to are in the stairwell that are less than **35 steps** from my door. When you return to class you log back into the tablet which stops the time clock.

## **Absences for Mid-Terms-**

This semester there will be THREE Mid-Terms this semester. If you are absent for ANY one of these assessments, the make-up day will be Monday, June 22nd, 2026 at 9:00am in Room C223. If you miss more than one of the Mid-Terms, you will only have from 9am to 11:15am on that day to write all of the make-up versions of the exams.

**Note that you have been told of this date and time 4 months in advance of other teachers scheduling their "course completion" sessions.**

## **Important Dates**

March 13<sup>th</sup> Interim Marks Issued

March 30<sup>th</sup> First Day Back

June 18<sup>th</sup> 2026 Final Exam

Spring Break March 16<sup>th</sup> to March 27<sup>th</sup>

April 23<sup>rd</sup> Parent Teacher Interviews

June 24<sup>th</sup> 9:00am Make-up exam day