



## Chemistry 11

Instructor: Ms. Kim Pepler  
e-mail: [kpepler@sd68.bc.ca](mailto:kpepler@sd68.bc.ca)

### Introduction

---

Chemistry is the physical science that explores the nature of matter and energy. It is concerned with the identification, characterization, and transformation of matter and energy. The study of such changes yields important contributions to our ability to comprehend our natural environment, employ a variety of technological processes and recognize the potential consequences as well as developing our understanding of the nature of scientific inquiry.

### Topics in Chemistry 11

---

Introduction to Chemistry  
Atoms, Molecules and Ions  
Mole Concept  
Chemical Reactions  
Atomic Theory  
Solution Chemistry  
Organic Chemistry

### Assessment

---

Grades will be calculated according to the following weightings.

Substantive Assignment (Unit 1)	5 %
Assignments	18 %
Labs	17 %
Unit Tests	40 %
Final Exam	20 %

Mastery is encouraged. Students who wish to improve their work and resubmit assignments are invited to discuss their options with their teacher. When the

authenticity of student work is in question, the teacher reserves the right to base final grades on teacher supervised assignments and assessments.

The substantive assignment addresses the following prescribed learning outcomes:

- Skills and Processes of Science (A1) Identify safe laboratory practices
- Skills and Processes of Science (A2) Demonstrate skills in measuring and recording data
- Skills and Processes of Science (A3) Communicate results and data in clear and understandable forms

### **Attendance**

---

Please be aware that Island Connect K -12 does not have a general attendance requirement. However, it is in your best interests to make a habit of checking in with Kim Pepler (your teacher) at least once a week – face to face, by email, phone or through the virtual office link above. Past learners have stated that such contact promotes engagement with the course materials and serves to motivate them to complete the work in a timely fashion.

### **Completion Timeline Expectations**

---

Successful learners typically finish within four months of initial enrollment in this course. COMMIT to achieving your goals! Get a calendar out and plan how you and when you will complete each lesson in the first two units immediately. If you mess up, do your best to catch up, but change the timeline right away to reflect this change and, then, do your best to never let yourself fall behind again.