

Notes and activities will be checked for completion & corrections.
Check lorescience.ca to see required activities for each topic.

Topic	Objective(s)	Approx. # classes	Notes	Activities <small>Not including Labs or Formal Assessments</small>	Mastery Check <small>& # of attempts</small>
1	Safety: <i>Understand WHMIS information and MSDS sheets</i>	1	1 video		
2	Elements, Atoms & The Periodic Table: <i>Understand the patterns in the periodic table Understand the properties of subatomic particles and how atoms form ions</i>	2	2 videos		Names & symbols Got It! <input type="checkbox"/> <input type="checkbox"/> <input type="checkbox"/> <input type="checkbox"/> Not Yet!
					Periodic Table Got It! <input type="checkbox"/> <input type="checkbox"/> <input type="checkbox"/> <input type="checkbox"/> Not Yet!
3	Ionic Compounds: <i>Understand the relationship between chemical formulae, composition and names of ionic compounds</i>	3	1 video		Formulas Got It! <input type="checkbox"/> <input type="checkbox"/> <input type="checkbox"/> <input type="checkbox"/> Not Yet!
					Naming Got It! <input type="checkbox"/> <input type="checkbox"/> <input type="checkbox"/> <input type="checkbox"/> Not Yet!
4	Covalent Compounds: <i>Understand the relationship between chemical formulae, composition and names of covalent compounds</i>	3	1 video		Formulas Got It! <input type="checkbox"/> <input type="checkbox"/> <input type="checkbox"/> <input type="checkbox"/> Not Yet!
					Naming Got It! <input type="checkbox"/> <input type="checkbox"/> <input type="checkbox"/> <input type="checkbox"/> Not Yet!
5	Chemical Change: <i>Understand the types of evidence that indicate chemical change</i>	2 Lab	1 video		
6	Chemical Equations & Law of Conservation of Mass: <i>Write word and balanced chemical equations for chemical reactions. Understand that matter can neither be created nor destroyed in chemical reactions & balance chemical equations</i>	3 Lab	2 videos		Got It! <input type="checkbox"/> <input type="checkbox"/> <input type="checkbox"/> <input type="checkbox"/> Not Yet!
7	Types of Chemical Reactions: <i>Understand the basic types of chemical reactions</i>	3 Lab	1 video		Got It! <input type="checkbox"/> <input type="checkbox"/> <input type="checkbox"/> <input type="checkbox"/> Not Yet!
8	Acids & Bases: <i>Understand how the pH scale is used to classify substances & the process of neutralization reactions</i>	2 Lab	2 videos		Got It! <input type="checkbox"/> <input type="checkbox"/> <input type="checkbox"/> <input type="checkbox"/> Not Yet!

CHEMISTRY Unit Deadlines & Formal Assessments

All assessments must be completed in class and are due at the end of the in-class work period(s).

LABS	DATES	ASSESSMENTS	Work Period / Due Date
Chemical Reactions Mini-Lab (topics 5)		Nomenclature Quiz (topic 2-4)	
Law of Conservation of Mass Lab (topics 6)		Ingredient Label Chemistry (topics 3-4)	
Predicting Products Lab (topic 7)		Types of Reactions Assignment (topic 6-7)	**May be worked on at home**
Acid-Base Mini-Lab (topic 8)		Unit Test	Friday March 6 th

**In order to write the unit test – ALL mastery checks must be at $\geq 80\%$
OR have been attempted a minimum of 2 times.**





If not, you may be required to come in for extra help and write the test at a later time.

Mastery Checks:

- Mastery Checks may be attempted more than once and are not considered complete until $\geq 80\%$ is achieved.
Extra practice must be completed & shown to get another code.
- Must be written during class or after school during supervised extra help times.
- Keep track of the number of attempts on the unit checklist
- Must be attempted as you progress through the topics –**DO NOT** let them accumulate until the end of the unit. You may run out of time!

Edsby Gradebook Symbols



-  Not yet $\geq 70\%$ but 2 attempts completed
-  Overdue / Late
-  Not Done
-  Incomplete (one attempt $< 70\%$)