SNC2D(N)

CHEMISTRY Unit Checklist

Name: _____

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Worksheet answers and extra practice can be found at **www.loreescience.ca**

Topic	Objective(s)	Approx. # Classes	Mastery Checks Min 80%
1	**Elements, Atoms & The Periodic Table**: • *Understand the properties of subatomic particles. How and why atoms form ions* • *Understand the patterns in the periodic table (ex. valence electrons, electron orbits, reactivity…)*	3	Names & symbols ❑ **Got It!** Periodic Table ❑ **Got It!**
2	**Ionic Compounds**: • *Understand the relationship between chemical formulae, composition, and names of ionic compounds including binary, multivalent and polyatomic compounds* **Assignment**	3	Formulas ❑ **Got It!** Naming ❑ **Got It!**
3	**Covalent Compounds**: • *Understand the relationship between chemical formulae, composition, names of covalent compounds, and basic structure of molecules* **Assignment**	4 **Lab**	Formulas ❑ **Got It!** Naming ❑ **Got It!**
T1-3 Quiz			
4	**Chemical Equations** & **Law of Conservation of Mass**: • *Write word and balanced chemical equations for chemical reactions.* • *Understand that matter can neither be created nor destroyed in chemical reactions* • *Balance chemical equations* **Assignment**	3 **Lab**	❑ **Got It!**
5	**Chemical Change**: • *Understand the difference between chemical and physical changes and the types of evidence that indicate chemical change*	2 **Lab**	
6	**Types of Chemical Reactions**: • *Understand the basic types of chemical reactions (S, D, SD, DD, & C)* • *Predict products for various reactions* **Assignment**	3 **Lab**	❑ **Got It!**
7	**Acids & Bases** • *Understand basic characteristics and nomenclature for acids & bases* • *Understand how the pH scale is used to classify substances* • *Understand the process of neutralization reactions and predict the products*	4 **Lab**	❑ **Got It!**
Unit Test & Summative Lab			