

Name
TA

Chemistry 11
2021-2022



LG 1:

- Atoms and molecules are building blocks of matter
- How matter can be classified into several categories according to its composition
- The difference between accuracy and precision in measurements
- How to create a random dimensional analysis question to convert between amounts

LG 2:

- How to properly name a randomly chosen Ionic Compound
- The History that led to the current view of the atomic structure
- The difference between an Ion and an Atom
- How to correctly write symbols for isotopes that show number of protons and neutrons
- How to convert a chemical/empirical formula into a molecular formula
- How the Periodic table is organized AND can explain the difference groups, rows, and trends
- How to properly convert the name of a molecular compound to its formula and vice versa

LG 3:

- How to calculate the atomic mass of elements and compounds
- The difference between empirical and molecular formulae and can calculate molecular formulas
- The difference between reactant and product amounts and can convert chemical amounts to moles
- How to write a balanced chemical equation and can calculate amounts using stoichiometric ratio

Unit 1 Study Guide

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