Unit 6 – Chemical Quantities – the Mole 

Georgia Performance Standards

SC2c: Apply concepts of the mole and Avogadro’s Number to conceptualize and calculate:

* molecules, moles, mass relationships
* empirical and molecular formulas

Assignments

HW 1 - GPB video #701 “Introduction to the Mole and Molar Mass”

HW 2 – GPB video # 702 “Percent Composition and Empirical Formulas”

CW 1 – Atoms/Molecules and the Mole

CW 2 – Mass and the Mole

CW 3 – Combined Mole Problems

CW 4 - % Composition, Empirical and Molecular Formulas

Lab: Cu in AgNO3 – determining the moles of silver produced in a reaction

Lab Activity: % Sugar in Gum