Chemistry Checklist & Study Guide

Lindbergh High School 2014-2015 K. Smith, Room 223

Overview

The following topics are reviewed from the physical science course. Lectures and in-class activities are designed so that students focus more on the application of the concepts and big ideas. For the first exam students are expected to demonstrate their knowledge in the following areas:

Big Ideas

The semester final assesses your ability to demonstrate your learning on the following big ideas:

- 1. Math & Measurement: All measurements have a degree of uncertainty.
- 2. Matter-Classification, Properties, and Changes: Physical material in our universe is made of matter.
- 3. The Structure of the Atom: Atoms are the fundamental building blocks of matter.

Learning Objectives & Outcomes

Math & Measurement	I CAN:	Assignments
All measurements have	Determine the number of significant figures in a measurement	Significant Figures Practice
a degree of uncertainty – Measurements are not exact numbers	Use the correct number of significant figures in reporting measurements and the results of calculations.	Pg. 95: # 56, 80, 63, 59, 74
	Use the appropriate SI units for length, mass, volume	Scientific Notation Practice I
	Know the following SI prefixes: K H D (Base) d c m μ_* n	Extra Practice: Pg. 99
	Analyze the accuracy and precision of data	#1,2

Questions?

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