

Chemistry
Test 1
Key Words and Concepts

Words:

combustion	physical change
hydrocarbon	precision
reactants	accuracy
products	mole
density	
chemical change	

Concepts:

- Know the reactants and products of complete and incomplete combustion
- Know how an indicator can be used to detect the presence of water and carbon dioxide
- Do density calculations for a substance given experimental data
- Know the signs of a chemical change
- Identify chemical and physical changes
- Convert units using dimensional analysis
- Do mole conversions involving grams, moles, atoms, molecules, and formula units
- Do metric conversions (Know these prefixes: Giga-, Mega-, kilo-, centi-, milli-, micro-, nano-)
- Know common bases used to measure volume, length, and mass
- Determine the number of sig figs in a measurement
- Make and record a measurement using appropriate equipment, correct sig figs, and units
- Use sig fig rules when performing a calculation

*Remember! Anything we've done this year is "fair game". This is merely a guide to help you prepare for the test. This list is not necessarily comprehensive.