

Materials Unit: Sec. A, B.1-B.10 Objectives Checklist

My action plan to help me improve my learning includes:

Review labs, notes, packet and activities. Use the calendar to make sure everything is reviewed.	Ask and answer questions during class.
Have a family member or friend quiz me orally.	Start studying early! (Not just the night before the test.)
Meet with my teacher in the morning/afterschool for extra help.	Re-read or review all assigned sections from the book.
Use the magic calculator online to check your calculation answers to appropriate labs.	Do online practice quizzes available through class website or through internet.
Complete and review homework problems by reworking them and NOT just looking at them.	Find a study buddy from Chemistry who understands the material and I can work well with.
Use Objective Checklist throughout unit to assess understanding	Use Objective Checklist as a study guide

Use this checklist as your personal guide to assess your level of readiness for quizzes and the unit test.

Circle the descriptor that best describes how you feel about your mastery of each objective.

NOTE: IF IT IS NOT A ☺, YOU PROBABLY ARE NOT READY FOR THE QUIZ/TEST!!!!

☺ = I get it

? = I need more practice/review

! = I need to get help

During Unit Before Test (An asterisk indicates an overarching theme from a past unit!)

I feel confident that I...

☺	?	!		☺	?	!	... can distinguish between a chemical and physical change and/or property
☺	?	!		☺	?	!	... can understand all vocabulary words about matter, and give examples for each
☺	?	!		☺	?	!	... can interpret symbols, formulas and other components of a chemical equation
☺	?	!		☺	?	!	...can draw and interpret models of matter
☺	?	!		☺	?	!	... understand the different properties of metals, non-metals and metalloids
☺	?	!		☺	?	!	... can define isotope and understand relative abundance of various isotopes.
☺	?	!		☺	?	!	... can determine the mass number, number of protons, electrons and neutrons for an atom
☺	?	!		☺	?	!	...know the charges of all parts of the atom and understand that an atom is neutral

☺	?	!		☺	?	!	...can use the periodic table to obtain the following information about an element:
☺	?	!		☺	?	!	Know the family names
☺	?	!		☺	?	!	Define period and family (group). Understand and interpret information that can be gathered in regards to the period and family an element is in.
☺	?	!		☺	?	!	Metal (including transition), nonmetal or metalloid
☺	?	!		☺	?	!	The number of energy levels
☺	?	!		☺	?	!	Symbol
☺	?	!		☺	?	!	Number of electrons and protons
☺	?	!		☺	?	!	Number of valence electrons
☺	?	!		☺	?	!	Charge it forms as an ion
☺	?	!		☺	?	!	...can define valence electron and understand why and how an atom would become an ion
☺	?	!		☺	?	!	...can define ion, cation and anion

Check off the study skills you USED to move from ? or ! to ☺ while studying for the test.

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I have carefully self-assessed my work during this unit and have taken steps to get my questions answered before the quiz/test.

Student Signature: _____

Parent Signature: _____

Date: _____