

# Atom Test Study Guide

## C.1 – Understands the Structure of the Atom

- 1) **VOCABULARY:** atom, subatomic particle, proton, neutron, electron, nucleus, atomic#, mass#, energy levels
- 2) Know subatomic particle:
  - a. Location
  - b. Charges
  - c. Symbols
- 3) Understand rules for Atomic # and Mass #

## C.2 – Can build models of atoms

- 1) Can draw a model of an atom with atomic# & mass#
- 2) Can draw an atom of an element

## C.3 Understands organization of periodic table

- 1) **VOCABULARY:** element, atomic#, mass#, period, group, element name, element symbol
- 2) Knows the pattern the periodic table follows
- 3) Find elements with period# & group#

## C.4 Differentiates between atoms and molecules

- 1) Can explain the difference between atoms and molecules

## C.5 Reads and understands chemical formulas

- 1) Can use periodic table to identify elements in chemical formula & how many atoms of each element in a chemical formula

## C.6 Differentiates between molecules & compounds

- 1) **VOCABULARY:** molecule, compound
- 2) Can identify if a chemical is a compound
- 3) Can explain why a molecule is or is not a compound

## To Do:

- Review quiz “Atom Learning Check”
- Review atom notes and HWs (Notability 46-51)
- Play Atom vocab game (file 62)
  
- Review Explain Everything (51A)
- Practice with Atoms Explain everything (file 53)
- Retry the Atom building quiz (file 57)
- Building atoms game (file 63)
  
- Review Periodic Table slideshow (file 64)
- Review Periodic Table Notes (Notability 54-56)
- Periodic table game (File 65)
  
- Review molecule practice sheets (File 66 & 67)
- Review the molecule notes (Notability 66)

## General Study Suggestions:

- Complete Atom review packet (File 68 )
- Stay for extra help
- Use Quia practice activities on Mrs. Ruminski’s website
- Teach a family member about what you are studying - Have friends or family members quiz you
- Make a Kahoot! Make a Quizlet (within a group of friends or by yourself)
- Make flash cards