

Tues. Jan 10th, 2012

8th Grade Science Lesson- Periods 1,2,3, and 6

Classwork Set- Up (10 minutes)-

Have them use **notebook page 58** or binder paper for these notes.

Vocabulary: List the seven words on the overhead. (electron, proton, neutron, nucleus, atomic number, isotope, mass number) **Students are to copy the words, find their definitions, and write them down as a warmup. Display the notebook page on the document camera for students to look at as a guide.**

Under the definitions, have them set up the page to take notes- see sample notebook page.

After they have the set-up, have them take notes- they are to write up 2 **HIGH QUALITY** notes in each box. **AND DRAW THE PICTURE**

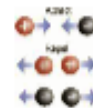
1. Three subatomic particles p 121 Fill in missing information

Particle	Where	Charge	Relative mass	Mass
Electron	Outside nucleus			0 (zero)
Proton	Nucleus			1 amu (atomic mass unit)
Neutron	Nucleus			1 amu

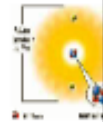
For boxes 2, 3, 4 below, copy the picture from the book. Also, write notes that describe what is shown in the picture.

Stamped up to 4 times

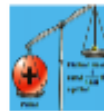
2. Charge on subatomic particles (pictures and text from pg 118)



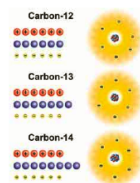
3. Atomic structure (how parts are put together) Pictures and text from pg. 121



4. Mass of subatomic particles p 121



5. Isotopes of Carbon P 124



When they finish the notes, have them start the section review- page 126, questions 1-8 (SKIP # 2 and #4)

The class set of books are in the lab table cupboards-

Please **DO NOT** let them go to lab tables- they will work quieter in their seats.

You will need to walk around and be actively involved in monitoring their progress- encourage students to get to work, and help struggling students understand the reading and make good questions for their notes.

Tell students that I will check their HW tomorrow in class

Please place any make-up work they give you in folders by period. (there are some on top of the file cabinet)

Thanks, Carolyn Aguirre