

January 2020 Daily Updates

01/06/2020

- CP and Honors:
 - Reminders:
 - If students did not turn in their Element Posters and/or warm up, I asked for them today (late credit). Remember items are accepted up to 3 school days late for 70%. Extra credit assignments are due by 1/10. Students have had over 1 month to work on them. I will not accept late work on this!
 - Quiz on Friday 1/10 - Study the following:
 3. notes from 12/4 lecture (#2 in packet),
 4. Atomic Structure notes (#6 in packet),
 5. Protons, electrons, neutrons, electrons worksheet (#8 in packet for CP; #9 in packet for honors), and
 6. "Introduction to Atoms" worksheet (#9 in packet for CP; #10 for honors).
 - Demonstration: I received a new kettle for the holidays. I showed my students how boiling occurs throughout the liquid (review of previous material).
 - In class worksheet: Introduction to Atoms (review) - NOT posted...if you were absent ask me.
 - In class reading and analysis: "Exactly How Small is it?" - NOT posted...if you were absent ask me.
 - Watched this Video: www.youtube.com/watch?v=L2Q2q20KaEk

01/07/2020

- CP and Honors:
 - Reminders:
 - Quiz on Friday (See 01/06/2020)
 - Extra credit due Friday 01/10/2020 - no late submissions; you've had over 1 month!
 - Packets due Monday 01/13/2020
 - Students self-corrected the "Exactly How Small is it?" questions. If you were absent, please do it on your own (worksheet available in class) and ask me for corrections.
 - Watched this Video: <https://www.youtube.com/watch?v=uPkEGAHo78o>
 - In period 1, 2, 3 we did an exit ticket (students to finish as homework). Will check it for 4 points (completion effort) Wednesday. In periods 5 and 6 we did not get to this. Students in these two periods will do it tomorrow in class.

01/08/2020

- CP:
 - Reminders:
 - Quiz on Friday (See 01/06/2020)
 - Extra credit due Friday 01/10/2020 - no late submissions; you've had over 1 month!
 - Packets due Monday 01/13/2020
 - Period 2 self-corrected Proton, Electron, Neutron Exit ticket and turned in.
 - from yesterday and turned in.
 - Periods 5 and 6 had time in class to work on this assignment - may turn in tomorrow.
 - Notes: "Where did Elements Come from and How are They Organized?"
- Honors:

- Reminders:
 - Quiz on Friday (See 01/06/2020)
 - Extra credit due Friday 01/10/2020 - no late submissions; you've had over 1 month!
 - Packets due Monday 01/13/2020
- Students self corrected Proton, Electron, Neutron Exit ticket and turned in.
- In class activity: "Mystery Element"

01/09/2020

- CP and Honors:
 - We reviewed for our quiz tomorrow. First we practiced determining number of protons, electron, and neutrons (whiteboard activity), similar to #8 (CP) and #9 (Honors) in our packet.
 - We also reviewed for our quiz tomorrow using Kahoot. The link for today's Kahoot is in files.
 - Reminders:
 - Quiz tomorrow (See 01/06/2020)
 - Extra credit due Friday 01/10/2020 - no late submissions; you've had over 1 month!
 - Packets due Monday 01/13/2020

01/10/2020

- Took Quiz
- Some students chose to turn in packets early. Packets are due Monday 01/13/2020 when students walk in!
- Worked on "Periodic Table Me, Myself and I" activity after. This file is not posted. If absent please obtain from me.

01/13/2020

Honors:

- Read sections 5.1 and 5.2 and do all the questions in section assessments in complete sentences please
- Be sure to write the title (e.g. "section 5.1 assessment, etc on top of each section)
- This will be #3 and #4 in your packet. Yes, you may do on the same page. Just put 3 and 4 on top of page :)

CP:

- Read sections 4.3 and 4.4 and do all the questions in section assessments in complete sentences please.
- Be sure to write the title (e.g. "section 4.3 assessment, etc on top of each section)
- This will be #3 and #4 in your packet. Yes, you may do on the same page. Just put 3 and 4 on top of page :)

01/14/2020

We corrected yesterday's classwork/homework.

01/15/2020

- We color-coded the periodic table. The goal was to identify: Metals (and various sub types), non metals, halogens, noble gases, lanthanides, actinides, and the two elements liquid at room temperature. This took us the whole period.
- If you were absent, please grab a blank periodic table from me upon your return.

01/16/2020

- Warm up: Three questions - What element has the symbol Te? What is the symbol for Cerium? What element has an atomic mass of 190.2?
- Went over quizzes and most common error
- Students worked on 10 questions "Periodic Table Review Questions" - See files. We will go over them Wednesday.

01/21/2020

- Warmup: What element has the symbol Te? What is the symbol for Cerium? What element has an atomic mass of 190.2?
- Notes: Periodic Table Groups (see files) - These notes are in table format.
- Finish classwork from Thursday (see 01/16/2020).

01/22/2020:

- Warm up: What are Valence Electrons?
- Went over classwork from Thursday 01/16 (Periodic Table Review Questions). If you were absent, the notes from 01/21 will help you.
- Lesson on Lewis Dots. See Files.

01/23/2020

- Warm up: How many valence electrons does an element with 33 electrons have? Explain.
- Went over homework for Lewis Dots and students turned in this assignment. (See homework 01/22/20)
- CP and Honors: Both got practice determining number of valence electrons by doing a "Chemistry Color by Valence Electrons" worksheet. This was a fun way to practice valence electrons. If you were absent, get handout upon return. I can not post this file. This work became homework if students were not done in class.
- In Honors: We went on to the lesson on how to determine the number of shells. I gave students notes handouts. If you were absent, please ask me for it upon return. I can not post this file.

01/24/2020

- Warm up: Where are the following located within the periodic table. (full sentences) - Transition Metals, Non Metals, Alkali metals, Noble Gases, and Halogens?
- CP:
 - Turned in "Chemistry Color by Valence Electrons" worksheet
 - Turned in warm ups 1/14-1/24/2020
 - Discussed electron shells (notes not on website) and went over practice problems that students did in class. If you were absent, please grab the worksheet from me upon return. This is number 8 in packet.
 - Started discussing Bohr diagrams. Watched this video: <https://www.youtube.com/watch?v=yADrWdNTWEc&t=286s>. We did not finish the video. Students are responsible for watching it at home.
- Honors:
 - Turned in "Chemistry Color by Valence Electrons" worksheet
 - Turned in warm ups 1/14-1/24/2020
 - Went over yesterday's electron shells practice (#8 in packet).
 - Started discussing Bohr diagrams. Watched this video: <https://www.youtube.com/watch?v=yADrWdNTWEc&t=286s>. We did not finish the video. Students are responsible for watching it at home.

01/27/2020:

- Warmup: New warmup sheets were handed out. Today's warmup: Please draw the Lewis Dot structure **and** indicate what group of metal each element belong to (today, you do NOT need complete sentences today): Francium, Gallium, Radon, Magnesium
- Collected quiz corrections from 01/10/2020 quiz (from students who needed to make corrections)
- Went over steps to draw Bohr electron diagrams
- #9 in packet was handed out: "Worksheet for drawing the Bohr diagram for first 20 elements". If you were absent, you can still do this... you just need to draw out the circles yourselves.

01/28/2020:

- Today's warm up was a work sheet and it is not graded (or on our normal warm up sheet). If you were absent, you may ask me for it.
- Please note that I made a correction to the table in how to draw Bohr diagrams. There was a typo and its a big error. So, please see the updated file in "files".
- We went over last night's homework (Bohr diagrams)
- We played Kahoot to study. See files.
- Quiz is tomorrow (see homepage for what to study)
- Packets are due Thursday.

01/29/2020:

- Took quiz: Atomic Theory and Periodic Table - Part 2

- Students worked on an in class assignment - Chemistry and the Human Body (see files)
- Students worked on getting packets ready to turn in on 01/30/2020

01/30/2020

- Turned in Packets
- Turned in Chemistry and the Human Body
- worked on Pre-lab for tomorrow's Textile lab. See files.

01/31/2020

- We spent the day in the lab exploring characteristics of different fabrics, in order to make recommendations to the department of Agriculture. If you were absent, you NEED to do the pre-lab or you will be very lost on Monday. We will be doing the lab write up.