

December 2019 Daily Updates

December 2, 2019:

- Warmup
- Went over quizzes in honors
- Passed back gas law labs to honors and CP
- Worked on study guide (see homework section)

December 3, 2019:

- Announced Tri 2 Extra credit (see files)
- We watched 2 short videos on Gas Laws (see files for all videos)
- Honors students worked on Gas Law Math (will check on Thursday)
- CP students were asked to annotate Gas Law Math and try the first two questions in class.

December 4, 2019

- Started Atomic Theory, . Lecture and notes (students had option to take own notes or fill out my guided notes template).
- In class activity on atomic theory

December 5, 2019

- We reviewed end of chapter study guides (and corrected) for both CP and Honors.
- In some classes we had time to review the extra gas law math practice (I will post Key in files). In others we did not. I didn't concentrate on math, as its not included in the quiz, asides from possible extra credit.
- CP we reviewed section 3.3 again and did the assessment together in class (and corrected).

December 6, 2019

- Students took their quiz on Gas Laws.

December 9, 2019

The following is applicable to both CP and Honors classes.

- Warm up
- Reviewed homework (section 4.1)
- In class activity and review: Atomic Sort
- Watched 2 videos on Cathode Tube Experiment. Please see files

December 10, 2019

- Mrs. Cronin was out sick today.
- Students were assigned the following independent work.
 - Honors:
 - Complete definitions for vocabulary in section 4.1 and 4.2 (Nucleus, protons, electrons, neutrons, atomic number, mass number, and isotopes). Then complete Workbook section 4.1
 - CP:
 - Complete definitions for vocabulary in section 4.1 and do RNG section 4.1

December 11, 2019:

- Video on the Rutherford experiment (11 mins) - Recommend watching again at home.
- Video on Isotopes (8 mins) - Recommend watching again at home
- Notes on "The Structure of an Atom"

December 12, 2019:

- CP and Honors:
 - Warmup
 - We went over the two questions at the end of yesterday's notes (I have posted the answers in files).
 - Students read section 4.2 in their books and responded to questions in the section assessment (CP: 1 a, b, c and 2 a, b, c - Honors: #1-7).
 - Unit packets were checked to make sure we are on track (they aren't due yet). No points were assigned. This was simply an exercise to make sure we don't wait until the due date to update packets.

December 13, 2019:

- CP and honors:
 - Warmup: Read the article, Red, White, But Barely Blue (on the science of fireworks) - see files section of the website. Answer "'How is color produced when fireworks are ignited?'"
 - Writing exercise on the Rutherford and Thomson experiments. See files section for prompts. We will have 10 minutes class time on Monday to finish.

December 16, 2019

- Honors:
 - Warmup
 - Reviewed responses to Section Assessment 4.2

- Those who required extra time, worked on the Rutherford/Thomson writing assignment (due tomorrow) .
- Those already done with the writing assignment, read an article titled "How to Feed the World without Destroying the Planet" and practiced extracting key information from the article. This included writing 3 possible "higher lever" quiz questions based on the content (due Wednesday).
- Activity (worksheet) on Mass number, Proton Number, Neutron Number, and Electron Number (not homework!)
- CP
 - Warmup
 - Reviewed responses to Section Assessment 4.2
 - Those who required extra time, worked on the Rutherford/Thomson writing assignment (due tomorrow) .
 - Those already done with the writing assignment, read an article titled "How to Feed the World without Destroying the Planet" and practiced extracting key information from the article. This included writing 3 possible "higher level" quiz questions based on the content (due Wednesday).

12/17/2019:

- Honors:
 - Warmup
 - Collected warmup sheets
 - Collected Rutherford/Thomson Writeup
 - Guided Activity: Work sheet on electrons, protons, neutrons (not posted; ask me if you weren't here)
 - Assigned Homework.
- CP
 - warmup
 - Collected warmup sheets
 - Collected Rutherford/Thomson Writeup
 - Guided Activity: Work sheet on electrons, protons, neutrons (not posted; ask me if you weren't here)

12/18/2019

- CP and Honors - Rutherford/Thomson writing assignments are graded and in Q. Hard copies were handed back today. *If you did not do as well as you hoped, you may consider my feedback, revise and resubmit by 12/20 (none will be accepted later). PLEASE GIVE ME A HARD COPY OF YOUR REVISIONS! I'M NOT BEING ALERTED OF REVISIONS ELECTRONICALLY.*
 - Collected 3 questions from "How to Feed the World" article
 - Collected warmups for 12/2 -12/17.
 - Updated Table of contents
 - Corrected worksheet on calculating protons, neutrons, electrons.
 - YouTube video on how to calculate protons, electrons, neutrons
 - In Honors - we went over responses to sections 4.3 assessment
 - All classes started on their element posters (directions in files). This is an in-class activity, NOT homework.

12/19/2019

- CP and Honors
 - We had time in class to finish our element posters. They are due Friday 12/20.
 - Students all checked Q twice this week and also caught up on missing work.

