

02/03/2020

- We went over directions for our lab report (lab done on Friday 01/31/2020). The directions are posted. This report is due on Wednesday 02/05/2020 and students had a full period to work on it today.

02/04/2020

- Student watched a demonstration on Nitinol wire. I will post this on my Twitter page (my handle is @msYassi and account is public)
- Students then watched a video explaining the phenomena (Nitinol Wire in files)
- Students lastly had class time to answer 5 questions (due Thursday 02/06/2020)

02/05/2020

- Warm up: Please complete the following sentence (yes, you do need to write the full sentence) "_____ are electrons in the outermost electron shell, responsible for _____."
- We started a new chapter on bonding, starting with Ionic bonds. Notes in Files.
- Students will receive their new Table of Contents tomorrow.

02/06/2020

- Warm up: "What is an Ionic bond? What are two characteristics of Ionic compounds?"
- Went over classroom expectations again (not talking when teacher talks, cleaning up after oneself if you join us for lunch in room 64, writing your absence dates on assignments when turned in).
- Passed out new tables of contents
- Collected Nitinol questions from Tuesday.
- Quizzes were passed back and we went over main errors and answered questions.
- Quiz Corrections are due Wednesday 02/19/2020 (I will not accept late work!)
- Independent work on Ionic Compounds/Bonds (see homework).

02/07/2020

- Warm up: Please complete the following sentence (please write the full sentence). "A(n) _____ compound forms when a(n) _____ and a(n) _____ join together. The bond that forms is the result of the transfer of _____ electrons."
- Watched a short, animated movie called "A Chemical Romance". This is an MP3 file and will not be posted.
- Students worked in table groups to answer questions about Ionic compounds. Some presented.

02/10/2020

- Warm up for CP and Honors: Please write out the full sentence and fill in the blanks. " _____ are positively charged subatomic particles in the _____ of atoms. However, in a chemical reaction, **the only subatomic particles that can be transferred between atoms are _____.** "
- Honors:
 - Reviewed section 6.1 and went over trends in ionization energy and atomic size in detail (including the reason). If you were absent and do not understand this, please come see me to catch up. I did all the work on the board.
 - Students were asked to work on data analysis questions (Atom and ion size) questions on page 160. This is not homework. I will give students time to finish in class tomorrow (10 mins).
 - Reviewed homework questions from section 6.1 assessment.
 - Please bring a glass jar for our mini lab on Wednesday 02/12/2020
- CP:
 - Reviewed section 5.2 vocab and assessment.
 - Reviewed concepts related to ionic bonds.
 - Please bring a glass jar for our mini lab on Wednesday 02/12/2020

02/11/2020:

- No warm up today
- Did a review of ionic bonds. Please see files for worksheet (Ionic Bonds Video Worksheet).
- Please bring a jar for tomorrow's crystal mini-lab. I've given away all my extra ones.

02/12/2020

- No warm up today.
- Making borax crystals lab
- Post lab questions posted in files.

02/13/2020

- All Students got to decant their crystal borax solution and observe their creations. Those who had crystals, put a check mark on the board. The class with the highest percentage of crystal making success wins (something). Grades are not affected if students were unsuccessful in making crystals.
- All students were tasked with researching an African-American scientist of their choice (contemporary or deceased) and report with 10 facts about him or her (due Tuesday).
- Honors:
 - Went over post-lab questions and Atomic and Ionic size data analysis on page 160. Students turned in.
- CP:
 - Reviewed post-lab analysis and students turned in.

02/18/2020

- Everyone checked their grades on Q for missing assignments. A reminder that I do not accept assignments after 3 school days late for credit (excluding absence dates).

- Passed back Nitinol questions, Crystal post lab, etc.
- Gave students a few minutes to finish 10 facts about their scientist (see 02/13/2020) and collected.
- Group work: Ionic puzzle
- assigned homework (see "homework" tab)

02/19/2020

- Warmup: On your OWN, WITHOUT NOTES, TELL ME FIVE CORRECT THINGS YOU KNOW ABOUT IONIC COMPOUNDS OR IONIC BONDS. YOU MUST WRITE IN COMPLETE SENTENCES.
- CP: RNG pages 94-97 were stamped. We went over the answers.
- Honors: Workbook pages 59-60 were stamped. We went over the answers.
- Introduced students to their "Ionic Bonds Children's Book" assignment due 02/24 (see files for all the details).

02/20/2020

- Warmup: New warmup sheet passed out.
 - On your own, without notes, what is the rule for naming an ionic compound?
- White board practice: Name that ionic compound.
 - If you were absent, please come see me if you're confused on how to name ionic compounds.
- Passed back Textile Lab Write up and gave feedback.
- Students were given class time to work on their "Ionic Bonds Children's Book" assignment due 02/24 (see files for all the details).

02/21/2020

- Warm up: Why do elements form ionic bonds?
- The remainder of the period students worked on their "Ionic Bonds Children's Book" assignment due 02/24 (see files for all the details).

02/24/2020

- Collected Children's Story on Ionic Bonds
- Notes/Lecture: Covalent Bonds (see files)
- Practice as classwork/homework: Compare Ionic and Covalent Bonds (see files).

02/25/2020

- Reminder: Mrs. Cronin will be out for a training tomorrow. Please be awesome for your guest teacher.
- Warm up: "On your own (you may use notes) but no talking to neighbors Please list at least 3 (preferably 5) characteristics of Covalent bonds."
- Reviewed Last night's homework (Table comparing Ionic and Covalent bonds).
- In class:
 - Honors: Workbook pages 61-62 and "Covalent Bonds" Worksheet.

- CP: RNG pages 99-101 and "Covalent Bonds" Worksheet.

02/26/2020

- Ionic and covalent bond quiz was moved to Monday 03/02/2020. Packets are due Monday 03/02/2020 as well.
- Mrs. Cronin was out, attending a training. A substitute teacher was present.
- Substitute teacher had the following instructions - I will follow up with my students tomorrow to see what we need to go over.
 - Correct Workbook and RNG pages assigned to Honors and CP classes, respectively.
 - Work on the following two worksheets (not available on my website):
 - Bonding and Chemical Formulas
 - Ion Worksheet

02/27/2020

- warm up: Explain what a polar covalent bond is
- Reviewed
 - Bonding and Chemical Formulas
 - Ion Worksheet

02/28/2020

- All we did was review questions the students had on Friday. No new material.