Students, during our remote learning days the expectation is that you will continue an ambitious pursuit of Physical Science content. Complete online or scan and post your daily assignments on GC for a grade.

(Teacher will make changes as deemed necessary, so please check google classroom everyday for daily assignments)

- **Monday, 3/16**
  - Unit 6- Atoms & Periodic Table
  - Opening : Which phase of matter has the MOST kinetic energy? Why? Post the answer on google classroom in Private comment
  - Work Period: Complete the Milestones review for unit 1, review sheet is posted in google classroom & complete guided notes for Unit 6 using the powerpoint posted in google classroom
  - Closing: What are the three subatomic particles and where are they located.

- **Tuesday, 3/17**
  - Opening : 17 According to Charles's Law, when_____ is kept constant,
  - temperature and _____are _____ proportional. Post the answer on google classroom in Private Comment
  - Work Period:Complete Edpuzzle (Learn the basics of the Periodic table) posted on google classroom
  - Closing : Complete the Milestones Vocabulary Review Part -2

- **Wednesday, 3/18**
  - Opening: Name two types of mechanical waves and describe the wave's vibration in relation to the direction in which the wave travels.
  - Work Period: Complete Edpuzzle on Isotopes posted on google classroom
  - Closing: What are Isotopes? Give Examples.

- **Thursday, 3/19**
    - Opening: B-10 and B-11 are both _____ of the element Boron. State what these are called & explain the difference between them
    - Work Period: Complete the Edpuzzle on ions posted on google classroom.
    - Closing: What are Ions? What is the charge for group 1 and group 2 elements?

- **Friday, 3/20**
- Opening: What are the three (3) factors that affects an enclosed gas?
- Work Period: Complete Practice on Atoms, Isotopes and Ions posted on google classroom
- Closing: Choose an emoticon to express your understanding of Unit 6.

- **Monday, 3/23**
- Opening: Identify the number of protons, neutrons and electrons in atom of Iron (Fe)
- Work Period: Complete Edpuzzle on Bohr's Model
- Closing: Which of the following groups of elements do not have a charge and why?
- A. Alkali Metals, because they have one valence electron.
- B. Noble Gases, because they have a full outer shell of electrons.
- C. Halogens, because they have seven valence electrons.
- D. Alkaline Earth Metals, because they have two valence electrons.

- **Tuesday, 3/24**
- Opening: Name the three (3) forces that act on a piece of paper as it falls from your desk to the floor.
- Work Period: Complete USATestprep assignment on Atoms & Periodic. If you do not know, username and password for USATestprep Please email me at najma.moin@henry.k12.us or use google classroom to post your request.
- Closing: The number of valence electrons in Group 2 is_____ and their oxidation number is _____.
- A 18, +2
- B. 8, +8
- C. 2, +2
- D. 2, -2

- **Wednesday, 3/25**
- Opening: What are the two most reactive groups on the Periodic Table? Name them and tell how many valence electrons each group has. Why are they so reactive?
- Work Period: Complete USATestprep assignment on Atoms & Periodic. If you do not know, username and password for USATestprep Please email me at najma.moin@henry.k12.us or use google classroom to post your request. Select Moin 3rd period 2020, Moin 4th period 2020.
- Closing: A new element has found deep under the largest continental shelf of the Earth, the Siberian shelf. When this new element was brought back to the lab and tested, scientists noted that it loses electrons readily. What type of element did they discover?
- A Metalloids
- B. Metals
- C. Non-metals
- D. Gases

- **Thursday, 3/26**
- Opening: Which would experience more gravity? A baseball and a bat 5 meters apart or a car sitting on the back of a tow truck? Why?
- Work Period: Complete Edpuzzle on Periodic Table Song
- Closing: Fluorine (F) is a nonmetal. It has a strong tendency to complete its outermost shell of electrons and form an ion. How will F form its ion?
- A.It will gain one electron and form F-.
- B. It will gain two electrons and form F2-.
- C. It will lose one electron and form F+.
- D. It will lose two electrons and form F2+.

- **Friday, 3/27**

- **Make up day- Students can complete all missing assignments**