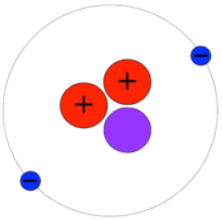
# 8th Grade Distance: Distance Learning Activities

*April 4 - April 10 Lesson Plan for Grade 8 Science*

*Prepared by Mr. Mapes - Office number (480)744-4974  Office hrs 8am -4pm  M-F*

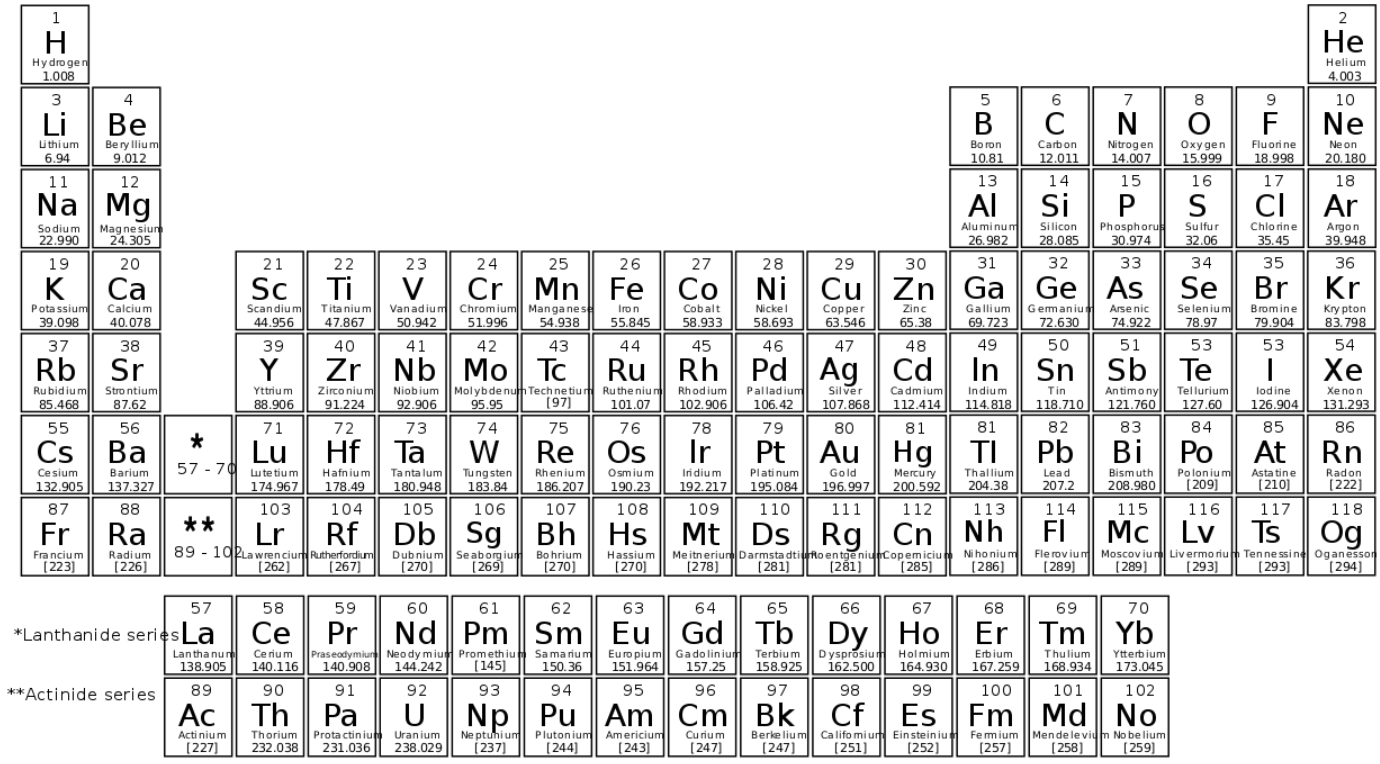
## MONDAY - Sub-Atomic Particles

**Draw an arrow labeling the three different parts. Fill in the chart with the proper information.**



| Particle | Location | Charge | Mass |
|---|---|---|---|
| Proton | | | |
| Neutron | | | |
| Electron | | | |

## TUESDAY - Vocabulary Review for Chemistry (Periodic Table)



## TUESDAY - Vocabulary Review for Chemistry (Periodic Table) continued.

1. Color / Highlight the three major groups of the Periodic Table above. ( Metals….etc)
2. List three properties of the metals and the non-metals
    a. Metals:
    b. Non-metals:
    c. What makes the metalloids unique?
3. What is a group? What is a Period? How many groups and periods are there?

## WEDNESDAY - Question analysis

Answer the following question. Either post to GC or save in your science binder.

1. What do all of the numbers on the element square represent?
2. How do I find the number of neutrons in an atom from the information I have in the square?

## THURSDAY - Making Models

1. Using items from around your house or yard, make a physical model of an atom of Potassium (element #19). Make sure to separate the different electron shells with the proper number of electrons attached in each shell.
2. Explain to a parent or to a sibling what makes up an atom, (the three parts) and their locations.
    a. Have parents initial here stating that you communicated this. _____
3. Either post a picture in the GC or draw your model and save it in your binder.

## FRIDAY - Game Day!!

*The day you all have been waiting for…*

1. Live Kahoot! At 10:00 AM.
2. I will post the game code in the google classroom and send it out through Remind.
3. **You may only play one time** and must include your name as your game name. We are recording who plays each week based on your names.

## STATE STANDARD

Strand 5, Concept 1, PO 6

~ Identify different kinds of matter based on their physical properties.