

Happy Summer AP Chemistry Students:

I am excited to teach AP Chemistry next year. It is a very intensive, yet rewarding course. It will deliver the content of 2 semesters of college chemistry along with the labs associated with those courses. As you can imagine, this course will be fast-paced and will require that you NEVER fall behind in the content.

At the beginning of the course, it is best if you know how to name ionic compounds, molecular compounds and acids. This will require practice and memorization. Although you will always have a periodic table provided for any assessment, the names of the elements are not listed on the table, and so you will need to know the symbols for the elements. Also, you will not be given a list of polyatomic ions, so you must memorize them.

The list of required polyatomic ions, some common elements names and charges, and links to review videos are attached in this document.

The naming practice and writing formulas "homework" will be due on the first day of class. It is linked below as well.

Once the new school year begins, we will have a short naming and writing formulas quiz the first Friday of the school year. Although I want you to have a relaxing summer and come prepared to work hard in August, I hope that you will use some of this time to review and practice naming.

If you have any questions, please contact me over the summer (npedersen@raleighcharterhs.org).

Best wishes for a great summer and see you very soon!

Mrs. Pedersen

NOTE: The Google Drive links/urls need to be copied and pasted into a browser. They will not work correctly if you just click on them. The YouTube links are fine.

Naming Homework: (Due first day of class)

<https://docs.google.com/document/d/14G4CD2wslbz6cHIIU9Xm0NgXeJtzHZzEOM9jSYulYHg/edit?usp=sharing>

Writing Formulas Homework: (Due first day of class)

<https://docs.google.com/document/d/1lxFF3dQoRHispLW8PMp6EQUT3xDh1AdEzqVH5UmoqrY/edit?usp=sharing>

Videos:

Naming ionic compounds:

<https://www.youtube.com/watch?v=g1365L4KoVA>

Naming molecular compounds:

<https://www.youtube.com/watch?v=eBpwNej1hms>

Naming acids:

https://www.youtube.com/watch?v=D2qGHBD7_1w&t=18s

Naming practice:

https://www.youtube.com/watch?v=TTrovl_Uy2c

Writing formulas for ionic compounds:

https://www.youtube.com/watch?v=Wu_K5LJaBZM&t=9s

Ions that you need to know:

<https://drive.google.com/file/d/0Bz7YzxbhkhM5NGIPdHlITThBQ1ppa09aM3pvT253TTM4QkIn/view?usp=sharing>

Strong Acids:

<https://docs.google.com/document/d/1pRT72brZcWOtgDSAoLTJA5aWhizJDMC1LMRwiD4Dpx4/edit?usp=sharing>