

## Cambridge IGCSE® (preAICE) Chemistry – Summer Assignment

Mrs. Rodriguez & Mrs. Bromley

By the end of the first week of school, **Friday, August 17<sup>th</sup>, 2018**, each Cambridge preAICE Chemistry student SHOULD have accomplished the following:

### Memorize a subset of element names and chemical symbols from the Periodic Table of Elements

Students will visit [www.quizlet.com](http://www.quizlet.com) and type “Mrs. Bromley Element Symbols” into the search bar, or simply click on this link [https://quizlet.com/\\_eynlf](https://quizlet.com/_eynlf) This set of online flashcards contains the element names and symbols for the first 36 elements and 6 (six) other common metals (Barium, Silver, Gold, Tin, Mercury & Lead). Student mastery of these elements names and their corresponding chemical symbols is essential to their success in **preAICE Chemistry (and beyond)**. The list of elements to memorize **has also been attached**, if one cannot gain access to this list online.

#### **A few important things to note...**

- *Quizlet* can be downloaded as an “app” on iPhones and other smartphones
- In addition to the ‘flashcard feature’, *Quizlet* utilizes a number of games that can be played to learn the Element names and their corresponding chemical symbols.
- Pay particular attention to the **spelling** of each element; some of them are very similar.
- Pay particular attention to the **capitalization** of each chemical symbol: **CO** is **not** the same as **Co**.
- Many element chemical symbols come from the **Latin name** for the element. For example, the chemical symbol for Gold is Au; this comes from the Latin for Gold, which is *aurum*. **Learning the Latin names/roots for the element symbols that are not directly connected to their Element names on the periodic table would be most helpful.**
- **Students can expect their first “Element Symbols” test on Friday, August 17<sup>th</sup>, 2018**
- We welcome your questions at [jbromley@pasco.k12.fl.us](mailto:jbromley@pasco.k12.fl.us) or [jegarcia@pasco.k12.fl.us](mailto:jegarcia@pasco.k12.fl.us)