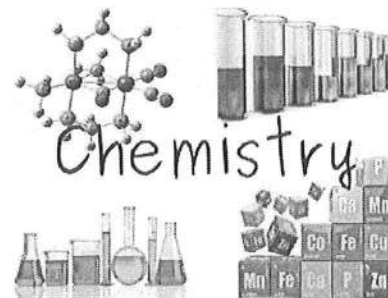




PIB Chemistry Summer Assignment
Due the **FIRST** day of class.



Chapter 1: Matter and Change

- o Read Chapter 1 and take notes
- o Complete problems on page 22 #1-22
 - o All work must be shown for math problems
- o Take quiz on Canvas

Chapter 2: Measurements and Calculations

- o Read Chapter 2 and take notes
- o Complete problems on pages 59-60 #1-46
 - o All work must be shown for math problems
- o Take quiz on Canvas

Chapter 3: Atoms: The Building Blocks of Matter

- o Read Chapter 3 (up to page 82) and take notes
- o Complete problems on pages 89-90 #1-20
 - o All work must be shown for math problems
- o Take quiz on Canvas

Canvas

You should receive an invitation to join the PIB Chemistry course in the next few days.

You also need to memorize the following information. There will be a quiz during the first week of school.

- The names & symbols of the most commonly used elements
(Atomic Numbers 1-36, 47-56, 74, 78-83, 86, 88, 92)
- The names, symbols & charges of common ions

Name	Formula	Name	Formula
ammonium	NH_4^+	Nitrate	NO_3^-
acetate	CH_3COO^- or $\text{C}_2\text{H}_3\text{O}_2^-$	Nitrite	NO_2^-
carbonate	CO_3^{2-}	hypochlorite	ClO^-
phosphate	PO_4^{3-}	chlorite	ClO_2^-
hydroxide	OH^-	chlorate	ClO_3^-
sulfate	SO_4^{2-}	Perchlorate	ClO_4^-
sulfite	SO_3^{2-}	Cyanide	CN^-

