

# Achieving Mastery in 1A: Have you done the following???

## 1. Extract information from your text:

**BIOCHEMISTRY GUIDED READING** (These are not separate from your "reading notes" - they form the BASIS of your notes - address these IN your reading notes, it is what WE want you to focus on)

- CONTRAST ATOMS VS. MOLECULES(1A)
- WHAT IS AN ION AND HOW IS IT DIFFERENT THAN AN ATOM?(1A)
- CONTRAST IONIC, COVALENT, AND HYDORGEN BONDS(1A)
- WHAT ROLE DO ELECTRONS PLAY IN THE BONDING OF ATOMS TO FORM MOLECULES? (FOCUS ON HOW IONIC AND COVALENT BONDS FORM IN YOUR ANSWER!!)(1A)
- WHAT IS THE DIFFERENCE BETWEEN A POLAR AND A NONPOLAR MOLECULE?(1A)
- WATER IS AN UNBELIEVABLE MOLECULE. LIST AND DESCRIBE AT LEAST 3 PROPERTIES THAT MAKE WATER SO SPECIAL! (1A)
- WHAT IS THE DIFFERENCE BETWEEN A HYDROPHILLIC AND A HYDROPHOBIC MOLECULE? USE THE WORDS SOLUBLE AND NONSOLUBLE IN YOUR DESCRIPTION. (1A)

## 2. Have you completed your concept development wksht?

- Have you come in for help when confused?

## 3. Have you visited the ESP?? (external links in Bb)

- Cells - Chemistry - ...pick atoms, bonds, & water sections to explore...

## 4. Have you added to your reading notes - made them into reflective, interactive, and dynamic "Learning Notes"?

- Don't just "do the notes".... These are meant for you to revisit and IMPROVE during/after instruction - -- identify what you are still unsure of - then get help!!

## 5. Have you taken the practice test on Bb?

- Click on the "Assignments" tab - and click on the link for the 1A practice test
- This will help you gauge your readiness for the proficiency exam