HELLO 2025-2026 AP CHEMSTARS!

I'm excited to share my passion for Advanced Placement Chemistry with you next year! The labs are pretty cool, and you get to learn a lot more about *why* chemistry works.

All of the information you need to know for a **MINOR ASSESSMENT on Day 2** is listed below. This is essentially all of the foundational knowledge upon which the AP Course is built.

You can contact me throughout the summer via email – brownli@boe.richmond.k12.ga.us or via Remind (join **@dfaapchem**) *You won't be able to join the channel until AP scores are released in July, so use my school email until then!*

Critical thinking and independent research are essential skills used in this course, so ensure you have exhausted your peer and online resources prior to contact!

Good luck, and I'll see you in August!

P.S. If you would like to maximize your preparation for next year, I recommend EITHER AP Chemistry Crash Course for the Current Exam by Adrian Dingle ($14.95 on Amazon) OR The Princeton Review AP Chemistry Premium Prep ($22.28 on Amazon)

Memorize the ions on this quizlet: https://quizlet.com/242711250/ions-to-memorize-dfa-flash-cards/

Memorize the solubility rules: https://tinyurl.com/y5rb6exa (Rules 1 & 2)

Use scientific notation and significant figures (digits) and calculate with them: https://www.chemteam.info/SigFigs/SigFigs.html (Tutorials 1, 2, 5, & 6)

Write orbital notation, electron configuration notation, and noble gas notation for atoms and ions: https://tinyurl.com/y4qwl4sm and https://www.chemguide.co.uk/atoms/properties/ionstruct.html

Name and write formulas for ionic, molecular (covalent), and acidic compounds: https://www.chemteam.info/Nomenclature/Nomenclature.html (all Tutorials)

Write and balance chemical equations: https://www.chemteam.info/Equations/Equations.html (all Tutorials except redox)

Do mole conversions: https://www.chemteam.info/Mole/Mole.html (Tutorials 1-6)

Perform stoichiometric calculations, including limiting reactant (reagent): https://www.chemteam.info/Stoichiometry/Stoichiometry.html (all Tutorials)

Calculate percent composition, empirical formula, and molecular formula https://www.chemteam.info/Mole/Mole.html (Tutorials 9-13)

Calculate molarity and dilutions: https://www.chemteam.info/Solutions/Solutions.html (Tutorials 1, 2, & 3)

Curious about all the stuff you have yet to learn? Check out the 238-page Course and Exam Description: https://apcentral.collegeboard.org/pdf/ap-chemistry-course-and-exam-description.pdf