

PRE-AP CHEMISTRY DESCRIPTIVE GRADING CRITERIA

“Whatever you do, do your work heartily, as for the Lord and not for people, knowing that it is from the Lord that you will receive the reward of the inheritance. It is the Lord Christ whom you serve.” Colossians 3:23-24

In Pre-AP Chemistry, students develop a deep conceptual understanding of matter and energy at the molecular level as they learn to explain their macroscopic observations using particulate-level reasoning. As students engage in grade-level content, they utilize scientific reasoning skills needed to analyze the natural world and to succeed in future science courses in high school and college. Students will engage in analytical reading and writing to gain, understand, and apply scientific knowledge and to carry out scientific argumentation. Mathematics with conceptual understanding to model chemical phenomena as well as developing and refining models to connect macroscopic observations to structure, motion, and interactions occurring at the atomic scale are hallmarks of this course of study.

Each week of Pre-AP Chemistry, the student will be required to preemptively watch videos on the topics of study for the week (prior to entering class). Students are also required to complete the self-assessment along with the video to ensure understanding. Therefore, the classroom is meant to be a place of continued active learning, identification of misrepresentations and misunderstandings, guided and individual practice on chemical problems, and sharpening of the mastery of communication and understanding of chemical concepts. The classroom is not the first place of instruction, but the place where I, as your teacher, can help you to better clarify your understanding.

Each week of Pre-AP Chemistry, the student will perform two *individual* assessments – multiple choice and free response. Multiple Choice questions can be submitted through www.mrayton.com (two submissions of multiple-choice assessments is allowed), whereas the Free Response problems will be turned in showing all appropriate work, justifications, calculations, and explanations. The individual weekly assessments will be graded as follows:

A = Outstanding	100% = 10/10	
A = Outstanding	95% = 9/10	90% = 8/10
B = Good	85% = 7/10	80% = 6/10
C = Satisfactory	75% = 5/10	70% = 4/10
D = Unsatisfactory	65% = 3/10	60% = 2/10
F = Failing	55% = 1/10	50% = 0/10