



HONORS CHEMISTRY STUDENT REFLECTION

*For 10th Grade Students with teacher
recommendation*

Honors Chemistry is a course a sophomore student may take in preparation for Advanced Placement Biology and AP Chemistry. The approach in Honors Chemistry is math intensive, and the topics are similar to those in chemistry but are studied in more depth. The course will also use labs extensively to illustrate theory. Independent student work will be required. Units covered include measurement and calculations, the atomic theory - Democritus through the quantum theory, periodicity, chemical bonding and chemical formulas, chemical stoichiometry, writing, balancing and predicting chemical equations, gas laws, solutions and their behaviors, thermodynamics, reaction rates, reaction mechanisms chemical equilibrium, acid/base reactions, titrations, organic chemistry, electrochemistry, and qualitative analysis. Concurrent registration in Honors Algebra 2 (or above) is required. **A scientific calculator is required. Any TI-30X or TI-30XII series is recommended.**

Students may help by supporting a Lab Consumable Materials Fund to enhance their lab experience beyond the required curriculum (chemical and lab notebook). A scientific calculator is required. Any TI-30X or TI-30XII series is recommended.

Prerequisite: Grades of A- or above in Honors Earth/Physical Science and Honors Geometry courses and concurrent enrollment in Honors Algebra 2 or above.

Please circle the appropriate responses in the table below:

Courses already taken	Year taken	Letter Grade Earned	
Honors Science	9	A-	A
Honors Math	9	A-	A

Please circle the appropriate responses:

I regularly perform strongly (85% or better) on all kinds of exams.	Yes	No
I am a mature, independent, & self-directed learner.	Yes	No
I quickly and easily comprehend college level reading.	Yes	No
I display an extremely strong interest in science and enjoy that mindset.	Yes	No

EASTVIEW HONORS CHARACTER STATEMENT

An Honors/AP student exemplifies the following characteristics necessary to achieve success:

- ✍ academic initiative and enthusiasm
- ✍ self-motivation and an independent work ethic
- ✍ high standard of honesty and reliability
- ✍ strong study skills