

AS Chemistry Summer Assignment for Fall 2011

Dear Student,

In order to have the most positive start and a successful year in AS Chemistry, we need you to review some science that is considered background knowledge for the AS Chemistry student. Please do the following things to help you prepare for an exciting year of chemistry at a fast pace and challenging level. This summer assignment is mandatory!

(You will need to have completed Biology successfully with a teacher recommendation for AS Chemistry and have completed Geometry with a B- and concurrently in Algebra 2 next year in order to be enrolled in AS Chemistry—check with your counselor).

- 1) Pick up Modern Chemistry Holt edition textbook from library—check library for hours.
- 2) Read first two chapters of textbook and take notes –Cornell style. (*notes should be written by hand unless you have special issues that you have discussed with school counselor in advance*)
(do this in a 100-200 page spiral notebook)
- 3) Answer chapter 1 and 2 review questions P. 22 #1-11 and P.59-60 #1-46 in spiral notebook-*please answer questions in a way that incorporates the question—show work for calculations.*
- 4) Collect 5 articles related to chemistry (the study of matter and its interactions). Articles can come from scientific journals and newspapers (online editions ok) and should be relatively current (within the last year). Read each article and highlight scientific terms. Write a short (4-5 sentence) reflective response to the information in the article AND two questions that you have regarding the chemistry. This will be a separate packet.

BRING #2-4 ON FIRST DAY OF SCHOOL! (DO NOT BRING TEXTBOOK!)

The summer assignment is your first graded assignment and you will have a test on it within the first two weeks of school. The information in the first two chapters review previous science concepts and math skills that should have been covered as a part of your middle school science and biology classes.

Also, please make sure you have the following school supplies to work with on a daily basis:
Spiral notebook (100-200 pages), binder, pen, #2 pencil, ruler, nonprogrammable scientific calculator with exponent (EE or exp) button and Log button, colored pencils.

Thank you so much and have a great summer! We look forward to meeting you in the fall.

AS Chemistry Instructors

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