

June 8, 2010

Dear Prospective Honors Chemistry Student and Parent:

The 2010-2011 Honors Program in Chemistry will function as a multi-disciplinary extension of the standard chemistry curriculum emphasizing hands-on application through labs and research.

Summer assignment:

The summer assignment for this course will provide an introduction to the fundamentals of chemistry by reading and answering questions from the course textbook independently. Three chapters from the textbook have been selected for this basic introduction. Students will turn in completed questions to their teacher on the **first day of school (in order to be counted in the honors program)**. Honors students may check out a chemistry textbook for the summer on the last day of school. Chapter and question numbers are as follows:

Chapter 4 – “The Structure of the Atom”

Pages 86-107 – Answer practice problems and assessment problems 1-27 as you go through each section.

Chapter 10 – “Chemical Reactions”

Pages 276-291 – Answer questions 1-32 on those pages.

Chapter 16 – “Energy and Chemical Change”

Pages 488-505 – Answer questions 1-27 on those pages.

School-year assignments:

School-year assignment will include 1-2 supplemental projects each quarter. Project assignments will emphasize critical thinking skills and the synthesis of cross-disciplinary influences/consequences while also striving to recognize, within the framework of each assignment, each student’s individuality and interests.

Project assignments may be comprised of individual work, group work, or a combination of the two. While some time in class will be allotted for completion of honors assignments, students may find that they need to schedule time outside of class for quality work. Some assignments may require technology skills. In addition, most honors projects will include a class presentation.

Please feel free to contact me either by email at clarke@williamsburgchristian.org or by phone at 252-325-5455, if you have any questions.

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