

# Honors Matter and Energy

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1. Course of Study
  - A. Objective: To provide a strong foundational introduction to the sciences of physics, chemistry, and biology (biochemistry). Special emphasis will be placed on not only what we know in these areas but on how we learn about them. Time will be devoted to development of skills and an understanding of the scientific method.
  - B. General Topics Include:
    1. Forces and Motion
    2. Forms and Transformations of Energy
    3. Electricity and Magnetism
    4. Waves
2. Keeping Informed as Parents
  - A. All graded work (labs, projects, quizzes) other than tests are to be kept in your child's organized notebook.
  - B. Objectives are stated in writing and are keyed to specific labs and other activities. These are very useful in preparing for tests. (Many students have used these as a checklist when studying.)
  - C. Interim reports are mailed home half-way through a marking period. Interims are sent in Honors courses if a student's grade is below "B" level.
  - D. Students may request additional help with concepts. The teachers are available during lunch and before/after school. If the student needs an extensive amount of help, he/she should pre-arrange with the teacher so that the time can be uninterrupted.

Lunch Help Schedule:  
4<sup>th</sup> period – Room 209 – 1<sup>st</sup> 20 minutes  
5<sup>th</sup> period – Room 285 – 1<sup>st</sup> 20 minutes  
6<sup>th</sup> period – Room 209 – 2<sup>nd</sup> 20 minutes
  - E. You and your child will have access to your child's grades on Edline. Edline can be easily accessed through the Wootton High School web page.
  - F. Please call or email with concerns or needs. The science office phone is (301) 517 – 8172. The best way to contact us is to leave a message in the morning. Your call will be returned that day, if at all possible.
3. Quarter grades will be determined based on the following categories:
  - 35% – Unit Tests
  - 30% – Quizzes
  - 30% – Labs and Other Assignments
  - 5% – Homework Evaluated for Learning
  - The 50% – 100% scale will be used in determining grades. If work is not turned in by the due date, students will receive no credit for the assignment.

OUR NINTH GRADE PROGRAM EMPHASIS ON LABORATORY WORK IS SUMMED UP IN A QUOTE FROM AN NEA PUBLICATION:

“ I HEAR, AND FORGET,  
I SEE AND REMEMBER,  
I DO AND THEN I UNDERSTAND!”