

Science 2 Ms. Sparks

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I have a web site available that will have homework, grades, lecture notes, additional problems, project topics and information, and expectations/rubrics.

Class Goal:

- To learn the basic fundamentals behind matter, energy, and force.
- To understand how these fundamentals relate to you.

Expectations: We will abide by the three R's: respect for oneself, respect for others, responsibility for one's actions. Meaning: I expect and demand exemplary work and a strong effort by all students-be prideful in your work. In dealing with various chemicals, I expect responsible and safe behavior in the classroom at all times. **I do not tolerate derogatory comments about others!**

Materials needed: You must bring a three ring binder, a calculator, and a class dedicated composition book to class each day. The calculator must at least have square root function. It is recommended that a student have a TI-83 since we will be using calculator based lab interfaces. Likewise, you must have your server password available since we will be working on computers.

Grading Policy: Tests are curved when the average falls below 75% but I do not curve the overall grade. Homework, projects, and quizzes will not be curved.

The overall grade is broken down by:

Tests	45%	Portfolio (2 nd term)	10%
Homework	10%	Labs	30%
Projects	5%	Notebook (1 st term)	10%

Homework Policy: Late work is not accepted under any conditions. Homework will be given Monday through Thursday. It is due at the beginning of class the day after it is assigned. Students will not be penalized for wrong answers but will be penalized for incomplete work. Incomplete work includes homework that does not show all the steps involved in obtaining an answer. **SHOW ALL WORK!** Or you will not be given credit. This allows me to help you understand where your calculations may contain an error. I did not understand is not an acceptable excuse for not attempting homework. I should see failed tries on your homework. You can drop two assignments for every 16 assigned each term. You will also be given 4 late vouchers over the course of the class which will allow you to turn in four homework assignments late (but no later than 3 days late).

If you are absent: If you are absent 1-2 days, you have 2 days to make-up the work. If you are absent 3 or more days, we will negotiate when the make-up work is due.

Labs: We will do labs in assigned groups. Some labs will follow the typical format which includes: Title, Purpose, Materials, Procedures, Cautions, Observations, Calculations, and Conclusions. See attached for example. There will be some labs that

will be written up as a business letter. You will be given 2 lab coupons each term which will allow you to turn in 2 labs late for full credit given they are turned in within two weeks of the due date. I will dock any other lab 10% for each day it is late. Five days is the maximum number of days late a lab can be turned in. Most labs will be due two days after we complete the lab. Formal labs will be due 1 week after we complete the lab.

Projects: A project will be assigned each term. It will be described during the first week of each term and will be due the 2nd Friday before the end of the marking period.

Tests: Tests will be given once every 2 – 4 weeks. My tests are designed such that it is difficult to “cram” and do well. We don’t take tests on each chapter. I group them into units. There will be a comprehensive final.

Notebooks: You are required to bring a composition book to class each day. We will have written assignments daily in the composition book. Please see attached document for more explicit details on the expectations of the notebook. I will collect the notebooks periodically through out the term. The second term you will additionally have a portfolio to create. There will be a rubric given the second week of the second term outlining the requirements.

Final: The final will be comprehensive at the end of the 2nd term. There will be four components to the test. 1. A lab practical which will measure your lab skills. 2. Conceptual integration which will measure your ability to use and transfer your knowledge of the basic fundamentals. 3. Calculations comprising of only the basic fundamentals. The final will not contain any obscure formulas. You will be given a formula sheet for the final. 4. General knowledge which will comprise of the main concepts of the course. There will be one in-class review session before the test.

I am looking forward to this year and I hope you are, too!

Ms Sparks

I have read the above material and understand what is expected of me.

Student Signature

Date

Parent Signature/**Email if available**