Regents Physics

Course Requirements & Expectations

Mrs. Healy

Welcome to Regents Physics! This class’ emphasis is equally divided between developing a conceptual understanding of the major topics of physics and developing problem solving skills in those topic areas. Algebra and trigonometry will be used extensively throughout this course. Students will be expected to participate in and report on laboratory projects related to the topics in class. In order to be eligible to take the Regents exam, students must successfully complete 1200 minutes of laboratory hours. **SUCCESS IN THIS COURSE REQUIRES SUBSTANTIAL RESPONSIBILITY AND MOTIVATION**. Your attention and attendance are extremely important!

Materials Needed:

* A notebook with a folder **OR** loose-leaf paper in a binder
* Pencil and pen
* Scientific calculator
* Reference table (provided)

Curriculum:

* Unit 1- Measuring, Math, & Graphing
* Unit 2- Motion (1 dimensional & 2 dimensional)
* Unit 3- Forces
* Unit 4- Momentum & Energy
* Unit 5- Waves
* Unit 6- Electricity (Static & Current) and Magnetism
* Unit 7- Modern Physics

Grading Policy:

* Homework/Class Participation…….20%
* Quiz…………………………………..20%
* Test…………………………………...40%
* Lab……………………………………20%

Cell Phone Policy

Cell phones may be used PERIODICALLY in class. I WILL LET YOU KNOW WHEN WE WILL BE USING THEM. They should be turned off and put away during class! Please do not have them sitting on your desk!!

Homework Policy:

Much of what we do in physics is cumulative; therefore work MUST be done on time!! If the work is done in the next 24 hours after it is due, I will deduct 10 from your grade. After that, it is a zero. It is extremely important that you do not fall behind. If you are absent you will have one week to make up the class work and lab. Make up work can be set up after school or during a studyhall. See the table below for times of availability. If you are caught skipping class or lab, your grade for that day will be a zero!

Laboratory Work:

It is mandated by NYS that all students complete 1200 minutes of satisfactory lab work. Without this lab work you will not be able to take the Regents exam. If I feel that the lab does not represent reasonable care and effort or demonstrates your best work, the lab will be returned for editing.

Schedule of Availability:

|  |  |
| --- | --- |
| **PERIOD** | **DAYS** |
| 4 | Days 1 & 3 |
| 5 | Days 2 & 4 |
| 7 | Days 1 & 3 |
| 8 | Days 2 & 4 (studyhall) |
| 2:20-3:00 | M, T, R, F |

I am looking forward to an exciting and successful year. If you have any questions or concerns, please feel free to contact me anytime by e-mail at [bhealy@m-ecs.org](mailto:bhealy@m-ecs.org) or by calling the school at 684-9121

Sincerely,

Mrs. Healy

*\*Please sign and return the last page.*

Student’s name \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_

*I have read this information with my son/daughter and we understand the course requirements and expectations.*

Student’s Signature \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_ Date \_\_\_\_\_\_\_

Parent’s/Guardian’s Name (please print) \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_

Parent’s/Guardian’s Signature \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_ Date \_\_\_\_\_\_\_

e-mail address for contact purposes \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_