

9 TH GRADE: PHYSICS with Technology

MRS. MEADERS ROOM W-11

COURSE DESCRIPTION:

Physics is a course in applied science that teaches basic physics principles, the math behind those principles, and presents a large number of current applications (uses) for these principles through lab experiments.

SUPPLIES:

Students need to have a **folder or binder to keep their work in**. They should not share folders with a friend, or keep their papers in their textbook (this breaks the binding). We will be doing some math every day. It is strongly recommended that **each student have a calculator** with them every day. You need a #2 pencil for tests.

CLASS ORGANIZATION:

Students will be organized into groups of 2-3 students. Most work will be done in these groups. Scores on quizzes and tests will be individual, but the labs, math practice sheets and reading worksheets can be done in the student's group. Group assignments will change after every subunit.

GRADING SYSTEM

A 93 – 100%	B- 80 – 82%	D+ 67 – 69%
A- 90 – 92%	C+ 77 – 79%	D 63 – 66%
B+ 87 – 89%	C 73 – 76%	D- 58 - 62 =%
B 83 – 86%	C- 70 – 72%	F BELOW 58%

Your grade will be based on a percentage of total points. Your points will come from participation, classwork, tests, and occasional projects.

1) **LABS:** Lab reports and participation with members of your lab group will be 20% of your grade.

2) **CLASSWORK:** Classwork will be worth 20% of your grade. Assignments will be given for each unit. This will include worksheets from the book reading and class notes. We will do much of this work in class. **Work may be graded by other students in the class.**

Make-up Work and Late Work

If you have an excused absence you will have one week to complete the work. After that it will be considered late work. Any **unexcused late work** will be accepted for up to 70% credit. If you miss a day when notes are taken it is your responsibility to get those notes from someone, or copy from the information on my blog.

3) **TESTS:** A test will be given at the end of each subunit. The tests will be worth 60% of your grade. Unit tests will be given one time in class. Students may come in before or after school or during advisory and retake the tests to improve their score; however you may not get more than 90% on a first retake, 80% on a second retake, or 70% on a third retake. Retakes will be offered for approximately one week after the original test date. If you are absent for the test, you need to take it **within 1 week** after you return to school. (See me for extended absences)

4) **PROJECTS:** Occasionally projects will be assigned to be built at home and tested at school.

5) **EXTRA CREDIT:** Newspaper, magazine, or Internet articles discussing anything concerning science or technology advances and uses may be used for extra credit. The student must write a 1 paragraph summary of the article (50+ words), and a 1 paragraph personal opinion, application idea, or explanation of how the article applies to their life (50+ words). These are worth 10 points each. This extra credit is added in to the packet scores and cannot raise your grade more than 2 percent.

CITIZENSHIP GRADE

A citizenship grade will be given as well as an academic grade. Citizenship will measure the student's behavior in class and their adherence to the rules.

CLASS RULES

- 1) Be on time and IN YOUR SEAT when the bell rings. DON'T BE LATE
- 2) Stay at your assigned table and work with the people in your group.
- 3) Be prepared for class with paper, your packet work, textbook, **calculator**, and pen or pencil.
- 4) Respect other people and their property. Please do not write on desks, misuse equipment, bother other students or their property, litter the classroom, etc. Do not run or roughhouse in the classroom.
- 5) Pay attention when I am giving classroom instruction. Work when you are given work time.

3 rule infractions = N

5 rule infractions = U

More than 5 rule infractions = administrative action

PORTAL and BLOG

Assignments, unit outlines and due dates, PowerPoint Notes, etc will be posted on my Blog, so if you are absent you can see what you missed. You can link to the Blog from Wahlquist's home page or from the Portal. Parents and students are encouraged to check grades on the portal often.

TEXTBOOKS:

Each student will have their own book. **I recommend that it be covered.** Students will be responsible for any damage to the book. This textbook should be brought to class every day.

EQUIPMENT:

There is a lot of expensive equipment used in this class. Students who "goof off" during a lab will be asked to sit down and will not receive credit for the lab.

***** STUDENTS WILL BE CHARGED FOR DAMAGES RESULTING FROM MISUSE OF THE EQUIPMENT******

I am looking forward to a fun, exciting and challenging year. If you have any concerns that you wish to discuss, please do not hesitate to call me at school between 7:15 am and 3:15 pm. If I am unavailable, I will be happy to return your call later on in the day. Or you can send me an e-mail: bmeaders@wsd.net.