

Physics
Annette Gonzales
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Room A-208

Course Overview:

Physics is a very practical branch of science that examines our physical world. We begin by examining the scientific method and deal throughout the course with problem solving, mathematical computation and process skills. Physics is the study of forms of energy and the laws of motion. We will cover concepts related to motion, forces, energy, simple machine, work, power, thermodynamics, electromagnetism, waves, sound and light.

The course will provide students with a conceptual framework, factual knowledge, and the analytical and scientific skills to deal competently and critically in our rapidly changing world. We will stress higher-level cognitive skills and approach physics as applicable to real life. In addition, mathematical skills are practiced and strengthened throughout the course.

Laboratory Procedures

During the term, we will be performing numerous labs and hands-on activities and projects to introduce as well as reinforce concepts. Labs are an integral part of science and participation by each student is essential for success. Participation includes working cooperatively with you lab partners, following all safety rules, using time wisely, and cleaning up the work area upon completion of the assignment. Student safety is of utmost importance.

- 1) All students will be required to get a parent's signature on a safety contract prior to participation in any labs. If the safety contract is not signed prior to the first lab they will receive a grade of zero for that lab. This will be cosigned by the parent or guardian.
- 2) All students must pass a safety quiz with a grade of 100 before they are allowed to participate in labs.
- 3) Any type of roughhousing, horseplay, or other forms of unsafe behavior while conducting a lab will result in an immediate referral to the office.

Classroom Rules

1. Show respect for other's opinions and personal space
2. Respect school and personal property
3. Follow instructions from teacher first time given
4. Come to class prepared
5. Be on task at all times

Any rules not addressed in this letter will be followed in the classroom as per the MISD Student handbook.

Grading Rubric

Tests/Projects:	50%
Labs/Quizzes:	30%
Daily/Homework:	20%

Homework assignments will be almost assigned daily and reviewed for questions.

Tutorials

There will be tutorial times Tuesday and Thursday after school 2:30-3:20. All test retakes will be given on the Thursday afternoons following the test. All retests and tutorials will be held in room A208.

Late Work

Students may be assessed a penalty of no more than 10 points per A or B day **(this is not calendar days)** for up to a maximum of three class periods before a zero may be given for work not turned in on time. If a student is absent, all school policies will be followed for make-up work. **IT IS THE STUDENT'S RESPONSIBILITY TO TURN IN ANY LATE WORK BEFORE OR AFTER CLASS TO RECEIVE APPROPRIATE CREDIT.**

TEST RETAKES (as per MISD handbook)

•Students who fail a major test/assessment (below 70%) will be allowed to retake or correct up to a 70% grade. This does not include semester examinations.

- Students are expected to arrange with the teacher to retake or correct a major test/assessment.
- Students are encouraged to participate in tutoring opportunities before retaking a test.
- Each teacher will communicate routine requirements for retakes and corrections in his/her course syllabus.
- All retakes or corrections must be completed prior to the end of each six week grading period unless the student is afforded time, after the six week grading period, as a result of the district's absent/make-up guidelines.
- See UIL Eligibility ("No Pass/No Play") guidelines for additional information related to grades and UIL Eligibility

Extra Credit

Extra credit will be given on tests and quizzes in the form of enrichment or advanced level questions on tests and quizzes. Period extra credit assignments may be assigned.

Supply List (suggested)

1. Pencils
2. School issued computer
3. A scientific calculator; graphing is not necessary but encouraged
4. A protractor
5. Box of tissue

Communication

Parental involvement is key to a student's success, and therefore it is extremely important that I have some way to contact you. The best and easiest form of communication is via e-mail or telephone call. If you need to reach me, please call 682-314-1600 or email at annetregonzales@misdmail.org. Please take a minute to provide parent contact information by scanning the QR code below or using this link <http://goo.gl/forms/WFUJ8rXIRW>

