**Syllabus**

**Mrs. Boyle**

**Course: Physics 1**

**Email: boylek@hasdk12.org**

**Course Description:**

Physics 1 is a college-preparatory science course using lecture, problem solving, writing, and project work to investigate the following classical Newtonian physics topics: speed and acceleration, momentum, forces and vectors, work and energy, projectile and rotational motion, and simple machines.

**Prerequisite:** Concurrent Trigonometry or Completed Trigonometry

**Class Expectations:**

* Come to school
* Arrive on time
* **TURN IN YOUR PHONE!**
* **No earbuds or headphones permitted**
* Be prepared for class (**PENCIL AND BINDER**)
* Show respect to everyone in the classroom
* Ask permission to eat food in class
* Water only is permitted in class
* Face masks are required at all times
* Remember that you are here to learn
* Have an open mind, a good work ethic, and RELAX! We got this!

**Grading:**

The course grade is based on a weighted average of your performance on the categories listed below. A weighted average is similar to an arithmetic mean; however, instead of each of the data points contributing equally to the final average, some data points contribute more than others. The proportions are weighted as follows:

**Grade Proportion**

Tests/Quizzes 30%

Assignments 25%

Projects 25%

Midterm and Final Exam 20%

**Binders:**

Students are required to have a binder for this course. This binder must include blank paper at all times. Your binder must include all notes, handouts, and worksheets given out in class. Students must bring their binders to class every day. All notebooks must be maintained for success in the course. I will do binder checks, both announced and unannounced. These will affect your grade in the course. If a student is absent, he or she is responsible for making up the notes and asking me for missing handouts.

**Homework**:

Homework grades go into the Assignments category. In order to get the most out of this course we need to keep it fresh in our minds. Homework will help prepare you for quizzes and tests, so please take it seriously. Therefore, homework will be assigned nearly every night. Everyone is expected to do his and her own work. Homework will be checked and graded on completeness. If all or any portion of the homework is not done, you will receive a zero. We often go over a homework assignment on the day it is due. Thus, **late homework is NOT accepted**. If you are absent, please show me your assignment the day you come back.

**Classwork:**

Classwork grades go into the Assignments category. You will be assigned work to do in class. The expectation is that you will be working on the assignment. Students that are on task will receive a 100% for the classwork assignment. Students that are not on task will receive a zero.

**Participation:**

Participation grades go into the Assignments category. A class participation grade will be based on arriving to class on time, being prepared, paying attention, answering questions, following directions, and cooperating in class. Being late, misbehaving, and being unprepared will result in point deductions.

**Exams and Quizzes:**

All exams and quizzes will be announced in advance. Once an exam or quiz has been announced, students are responsible for bringing home their study material every night. If you are absent the day before an exam or quiz, you are still expected to take the assessment on the announced day. If you are absent the day of a quiz or exam, expect to take the assessment the day you return to school. If you are absent more than one day, extra time to make up the assessment will be given equal to the number of days absent. Failure to make up an assessment within these time frames will result in a zero.

**Extra Credit:**

Only one extra credit project per student is allowed per quarter. Students must complete the project independently. The project must be relevant to a topic that was covered within the quarter. Extra credit projects will add points to students’ quarter grade. All extra credit projects must be submitted no later than one week before the end of a quarter.

**Microsoft Teams:**

Make sure you know how to log in and access our Team. If you need help, please let me know. How we use Teams might change throughout the year.

**Cheating:**

Cheating includes but is not limited to: looking off of another student’s work, copying another student’s work, use of cheat sheets, using your phone, and plagiarism. If a student is caught cheating by me or another teacher/substitute on a Chemistry lab report, quiz, exam, or homework assignment, they will receive a zero percent. Appropriate write ups will also be made. If you need help, ASK ME!