

# Physics Syllabus 2023-2024

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**Instructor:** Mr. Worster

**Email:** [evan.worster@sad12.org](mailto:evan.worster@sad12.org)

**Office Location:** High School Science Room, 109

**Office Hours:** After school hours mentioned during class.

Prep period 7 (12:45-1:23)

## **Course Overview:**

Physics is the study of matter and energy and their relationships. Principles of physics are used in all of science, and its laws are necessary for understanding the world. Throughout this year we will work to better understand these laws and how they relate to: mechanics, states of matter, waves, light and electricity.

## **Required Text:**

Glencoe Physics: Principles and Problems, *McGraw Hill*

## **Course Materials:**

Students will be taking notes daily, receiving handouts, doing lab work, and completing presentations.

-Ideally 1", 3 ring binder

-Scientific Calculator (Graphing calculator will be provided when needed)

-Lined paper for note taking

## **Resources:**

Assignments, labs and assessments will be handed out in class. Grades and attendance will be kept in PowerSchool, which students and parents can monitor throughout the semester.

## **Grades:**

**A=93-100 B=85-92 C=77-84 D=70-76 F=0-69**

Participation (13.33%, 40 pts. Per quarter) - Attendance, adherence to classroom rules, presence in group activities. 0 chances to edit.

Labs (13.33%, 40 pts. Per quarter) - No formal lab reports, based on participation in the lab, lab safety, and handouts given out throughout the year. Chances to edit will be determined on an as needed basis

Homework/Classwork (33.33%, 100 pts. Per quarter) - Worksheets and book work that is handed out throughout the quarter to enhance learning. Chances to edit will be determined on an as needed basis

Tests/Assessments/Presentations(40%, 120 pts. Per quarter) - Info. from multiple or single chapters, multiple choice and short answer 1 chance to edit. Presentations will be graded based on rubric. 0 chances to edit.

\*Points and percentages are subject to change due to the number of remote days and other extenuating circumstances.

## **Assignment Policy:**

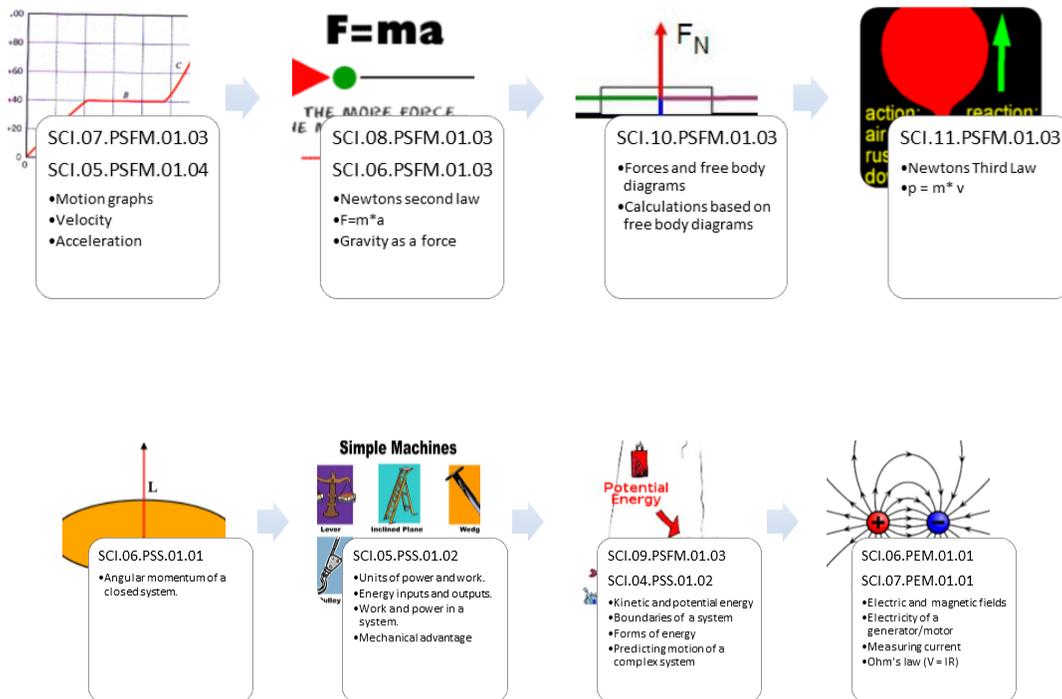
Due dates of assignments will be given in the classroom as well as online. Assignments passed in late will receive a 5% deduction for every day late. If the assignment is over a week late, they will receive a maximum of a 70% and if the assignment isn't handed in at the time that grades close they will receive a 0% for that assignment. Late assignments are not eligible for corrections

unless there are extenuating circumstances. Students struggling with assignments are more than welcome to come in before or after school and receive extra help. If you wish to edit an assignment you will receive the average grade between the original assignment and the edited assignment. For example, if a student received an 84% on the original assignment and then a 100% on the edit, the final grade would be a 92%.

## Assessment Policy:

Assessments will be handed out during class and expected to be completed during the same class period. I may allow students to complete an assessment before or after school if they need extra time, but all assessments are designed to be completed in the allotted time. Projects will have the same 5% deduction for days late that other assignments have. Students are responsible for their study habits and quality of work, but I am available to assist before or after school.

## Physics Sequence:



**\*Standards are now NGSS, the sequence will remain the same, but names will change.**

## **Classroom Policy:**

The classroom will follow all high school policies listed in the student handbook (Cell phones, bullying, dress code, etc.)

### **Classroom Rules:**

1. No cell phones or electronic devices unless otherwise stated.
2. No food or drink in the LAB. This is for your safety. Please ask before eating or drinking in the classroom.
3. Arrive on time ready to learn.
4. DO NOT cheat, plagiarize, or copy work.
5. Use polite and appropriate language.
6. In the event of an absence (excused or unexcused) be sure to check what you missed. Remember an absence doesn't excuse you from a due date.
7. LABORATORY SAFETY is of the utmost importance! If unsafe behavior is witnessed you may be asked to leave the classroom.

### **Classroom Procedures:**

1. Arrival to class - get out the materials listed on the board and be ready to learn (quiet)
2. Late arrival - grab a late arrival slip from the front table and fill it out by the end of class. Turn it into me before you leave. 3 unexcused tardies = detention.