



# Physics

3rd Period

10:35am - 11:42pm

## CONTACT INFORMATION

Mrs. Wilson - High School Science  
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This class will introduce topics such as kinematics, dynamics, energy, momentum, gravity, fluids, and thermodynamics. It is highly recommended that the student's math skills are proficient in algebra.

### Goals:

At the end of this course, you will:

- know how physics plays a role in daily activities.
- be able to use laboratory equipment and materials to collect data and then use a variety of data analysis skills to interpret the data.
- understand force & motion, conservation of momentum & energy, and the wave nature of matter with applications to sound, light and electricity.

### Materials:

- Notebook for daily journal
- 3 ring binder with paper
- Folder
- Pencil

## COURSE SCHEDULE

*Disclaimer: Course schedule is subject to change at the teacher's discretion.*

August - October: **Forces and Motion**

Project - TBD

Unit Exam - week of October 14th

October - December: **Forces at a Distance**

Project - TBD

Unit Exam - week of December 16th

January - March: **Energy Conservation**

Project: TBD

Unit Exam - week of March 10th

March - May: **Waves of Electromagnetic Radiation**

Unit Exam - week of May 12th

## POLICIES AND PROCEDURES

### **General Classroom Rules:**

- Students are required to be respectful towards their fellow classmates and their teacher
- Students are required to give their best effort every day in class
- Students are required to do what is right and honest always, NO EXCEPTIONS
- Be safe, respectful, and responsible

### **Attendance:**

Attendance is a requirement to do well in this class. Bell ringers and daily journal/writing assignment points account for 25% of your final grade. The only way to get these points is by being in class on time and participating (unless it is an excused absence, then the student will be able to make up missed work).

### **Tardiness:**

Per our student handbook, tardy means being late for class. If you are not in your seat, or at the door if the classroom is locked, then you will be marked tardy. 3 tardies will result in a detention. The detentions will be delivered by the administration, not the teacher.

### **Unexcused absences:**

All unexcused absences will earn a zero for that day's participation/daily writing assignment points. Only excused absences can make up those points. Please remind parents to call or text the school to excuse your absence.

### **Cellphone Policy:**

NO CELLPHONES ALLOWED IN CLASS. If you bring it to class, it needs to be powered off and put away. If you are caught with your cell phone during class, your phone will be confiscated and given to the office for parent retrieval. The student will be issued a detention and a parent or guardian will be notified. If a student fails to hand over their phone, they will be suspended. There are no exceptions to this policy.

### **Computer use in class:**

From time to time, we will utilize our laptops in my class to conduct research, write professional papers, or use other online resources. YOUR LAPTOP IS NOT TO BE USED FOR ANYTHING OTHER THAN SCHOOL-RELATED WORK. If you are caught playing games, watching YouTube videos, accessing unrelated websites, or using the internet in any inappropriate way, it is an automatic detention and loss of participation points for the day. The three-strike rule is in effect for computers in my class. 1<sup>st</sup> strike=Detention, 2<sup>nd</sup> Strike=Detention, 3<sup>rd</sup> Strike=Detention and no laptop in my class.

Students are required to sign out and power down the laptop and return to charging station before leaving class. A student will be given 2 warnings if their assigned laptop is left on. The third time will be a detention.

Students are required to have permission from their teacher to grab a laptop from the charging station. If a student does not have explicit permission to use the laptop, they will receive an immediate detention. Consider this your warning.

**Music in class:**

Music is not allowed in the lab or classroom. Visible headphones or earbuds will result in a detention.

**Food/gum/snacks/drinks:**

With permission and during appropriate class time, students are allowed to have snacks in class as long as the garbage is properly disposed of and the table and floor area are clear of debris. If a student fails to comply, they will be issued a warning that privileges will be revoked if there is a second incidence.

As stated in the handbook, energy drinks are not allowed. If a student is found to have an energy drink, they will receive an immediate detention and drink/food privileges will be revoked for the remainder of the school year. If a student is caught with an energy drink in their backpack, they will no longer be allowed to keep their backpack at their desk for the remainder of the year as well.

**Homework:**

It is your responsibility to complete the assigned work on time. If you do not, your grade will be affected. If there is not enough time to complete assignments during class time, the student is expected to complete the assignment at home and turned in on time.

**Bathroom policy:**

If you need to use the bathroom, please ensure you go between classes. Only emergencies will be an exception to this rule and hall pass must be taken AND RETURNED!

**Grading Policies:**

25% - Bell Ringer (are done the 1st 5 min. of class. If the student is late, they will not be allowed to make it up unless they have a doctor's note or if they were gone due to a school event.

50% - Projects & Exams/Tests

25% - Labs & Other Assignments

**Late Work:**

Points will be deducted from a student's grade if work is handed in late. For every week an assignment/project/power focus is late, points will be taken off. Below is the rule for late assignments.

1 day late-10% reduction

2 days late-20% reduction

3 days late-30% reduction

4 days late-40% reduction

5+ days late-50% reduction

At the quarter, students are not allowed to make up work from the previous quarter for a traditional grade (A, B, or C). In order to receive credit, students will have to retake the class on-site or potentially take an online course.

\*For emergency purposes (Dr. notes/school events/etc) considerations for extending deadline may be made.

**School Grading Scale:**

<u>Percentile Scores</u>	<u>Letter Grades</u>	<u>GPA</u>
100-93	A	4.00
92-90	A-	3.67
89-87	B+	3.33
86-83	B	3.00
82-80	B-	2.67
79-77	C+	2.33
76-73	C	2.00
72-70	C-	1.67
69 Percent and below	I (Incomplete)	0
70%-above	Pass	N/A
69%-below	Fail	N/A

- This grading schedule specifically prohibits recording or awarding letter grades of A+-in any subjects in grades 4-12.

Students will be assigned an Incomplete (I) if a student has not completed the coursework, unless the administration approves an extended period of time for extenuating circumstances. Extenuating circumstances may include, but are not limited to medical conditions, death or severe illness of a family member, or military transfers or leave periods. The grade of incomplete will stand until the student has demonstrated mastery of the course.

- Pass or No Pass will be assigned for Teacher Assistance and Credit Recovery Classes.