

## Physics G

**This is a general course** in Physics designed for students who have more difficulty with math. We **will still do quite a bit of math, but we will steer clear of massive** Algebra and Calculus. In a year we will focus primarily on mechanics - the study of movement, force, energy, momentum, and planetary motion and gravity. At the end of the year we will do two small units on amusement park Physics and Waves and Music.

**TAG:** Physics is a rigorous course designed to challenge bright and hungry minds. Students that need further accommodation will find that there are numerous challenge activities that can take the place of formative work, as well as open-ended labs that can be expanded and used in lieu of other assignments as negotiated with the instructor.

**The Website-Tutorials/Problem Solutions:** [tuhsphysics.ttsd.k12.or.us](http://tuhsphysics.ttsd.k12.or.us)

**Grading:** I will grade you on a **point system weighted** in the following manner, not total points:

Formative Assessment	10%	A	90%
Summative Assessment	60%	B	80%
Labs	30%	C	70%
		D	60%

### **Our Academic Expectations:**

1. **Come to class prepared** with paper, a writing utensil, and a **calculator**.
2. **Participate in class.**
  - a. If there is a Warmup at the beginning of the period, actually do it.
  - b. If we are doing Direct Instruction, take notes, and do the whiteboards.
  - c. If we are doing Group Work actually do it, and help others in your group
3. Do the **Video Flips** as they are assigned. When a lesson is flipped, your only form of instruction is watching the videos, and taking notes. Failure to do this is as serious as skipping class. You need to **refer to and follow your unit syllabi**

If I find that you are not living up to these expectations we will need to have a discussion that involves your parents.

**Formative work** will not be accepted after you take the test that work prepares you for. We will work on group work in class, homework and a formative assessment before we take assessments in class on a given concept or skill set.

**Summative Assessments** will be **closed book and notes, and we will take away your cell phone;** however, for most of the year you will have a clean copy of the formula packet **so you do not have to memorize** the formulas. (Although that is quicker) Summative assessments can be re-taken once, and I will average the two scores. If you miss a Summative Assessment you will need to make it up before school during Make Up time.

**Labs:** You will need to do your lab write-ups on paper punched for a 3-ring binder. **Do not use a bound lab notebook.** We will share our lab write up expectations with you later. All labs **can be improved** and turned in until you are satisfied with your grade.

**Late work:** Work that is turned in before or on the due dates will be promptly graded and turned back. **Late work will be graded as I have time.**

**21 Day Rule:** All re-takes of assessments and lab revisions must be completed within 21 days of the date you take the summative assessments for that unit. After 21 days, grades are **final**.

**Missing class:** If you miss class, it is your responsibility to **read the syllabus** to see how you can make up work, get notes from someone, and study the missed material from your book or on the website.

**Tracking grades:** We will post your grades online. **It is your responsibility** to keep track of your own grade and inform us of errors we may have made typing in your grades. Keep your graded assignments until the end of the semester.

**Cell Phones** will remain in the **Cellphone Palace** during assessments, direct instruction time, and some group work time if it is a problem for you.

**Equipment:** I will expect you to treat school equipment with care. Prior to each lab I will explain the proper treatment and usage of each piece of equipment. If you do not pay attention during this time or repeatedly abuse equipment or endanger other students, I will deny you the use of that equipment and you will receive a zero for the related assignment. If you break any lab equipment through carelessness or deliberate improper use, I will bill you for the replacement cost of the equipment. I will not bill you for damage to equipment from normal use or accidents. This room is shared by three intensively lab-oriented courses, so at times you will find intriguing equipment that you have never seen set up in some part of the lab, or in the cupboards and drawers. If it is **demo equipment**, or equipment you have not used in a lab, or is set up as a part of someone's investigation, **do not disturb it**.

**Extra help:** Should you find that you need extra help or time to finish a lab, you can come in before or after school for help. Often there are help videos on the website that explain the material that is on the tests. If you want to be sure to find me after school, make an appointment. **When I am busy I may not be able to help you outside of an appointed time.**

**Tardy policy:** If you are tardy three times in a quarter, you will be warned. Since tardiness disrupts the class, I will require you to stay after class and straighten my room **the day of your fourth or fifth tardy**. Failure to stay for my detention will result in a referral for school detention. I will refer you to the Dean of Students, and contact your parents on your sixth tardy, and every tardy thereafter.

**Cheating:** Don't cheat. We define cheating as the improper or undisclosed use of someone else's thoughts, work, or ideas. If we find that you have cheated, two things will happen; we will have a conference with your parents and you, and you will receive **zero** points **permanently** for the assignment, or assessment.

**We will respect** other people and their property in this class. I will not tolerate the isolation and ridicule of any group of people on the basis of their race, gender, sexual orientation, or religion.