

Physical Science Syllabus

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Welcome! This Syllabus was created for you to serve as a guide to what the class is about, what type of work will be required of you, and how you will be assessed on it, and thus how you will receive credit for the class.

Course Description

Welcome to Physical Science – the sciences concerned with the study of matter and energy and the forces that make and shape it and move it about. It is essentially an introduction to both physics and chemistry.

This course will use instruction to create a better understanding of these topics and their **interconnection**.

What do I want you to get from this class?

- working vocabulary of science,
- understanding of physics and chemistry as they pertain to our lives
- Increased skill of reading comprehension
- Perform analysis and mathematics with science data

Materials Needed: Something to write with is needed, **pen or pencil**. Something to write on is needed.

IMPORTANT: You need a chromebook with a charger.

Grading To do well in my class you will need to do the following: Have the right attitude for learning, manage your time and study consistently, be present with “materials needed”, a memory good enough to not forget to turn something in when told to do so, and some decent organization skills.

Graded assignments will be put into 1 of 3 categories in the gradebook: **Tests** or **Classwork**

Test = 55% Major Grades (usually tests, but some projects may apply) They are mostly standard multiple choice questions, but this can include illustrations to label, and charts and graphs to analyze. In addition, an ACT-Style question might be added to the test.

Classwork/Homework = 45% Includes anything not listed as Test. This will include article readings with questions, “computer” presentations, quizzes, lab assignments, small projects, etc.

Absences and Make-Up Work: Make sure you understand the county/school policy about absences for normal reasons and for Covid-Related reasons.

Your Grades and Papers Your grades are in PowerSchool. The physical papers you turn in are kept by me. **Most work is in (Google Classroom)** and it is kept there.

Communication with Me I have an email (see above on this syllabus). I will also be able to communicate with you and your parent(s)/guardian(s) with Parent Square.

Classroom Expectations

- First and foremost I expect good things from all my students.
- I show students respect, **and expect it in return.**
- I respect who my students are and whatever they wish to accomplish in life.
- What I want from you is a good attitude, a good work ethic, and respect for the “classroom”.

Official Rules:

1. Do not do anything that will inhibit anyone else's learning or your own. You are here to learn **something**.
2. Listen carefully to the teacher when they are talking. Usually it is something you need to hear---Directions, Clarification, or Needed Information.
3. Come to class on time, completely prepared, and properly dressed.
4. Be respectful to the classroom environment. No trash or careless handling of classroom materials.
5. Follow the teacher's directions and all school/county rules as stated in handbooks.

Official Consequences:

Refer to the county Discipline Referral Form

*Some behaviors are so disruptive to the learning process that the above process may be bypassed. Don't let it come to that.

Some Other Things to Know...

- I incorporate a lot of **computer/internet work** in my class. You will be required to use (Google Classroom or Schoology) to both get and submit Assignments.
- We read and answer questions/write responses to a lot of **science articles** in this class.
- We will do an **intensive vocabulary** word study in this class, which will have their own **vocab tests**. The priority is greek/latin prefixes and suffixes and "ACT-useful" vocabulary.
- We watch many **videos (short) and video segments (parts of a larger video)** in this class. Ex- many TED talks, Sci Show clips, and segments from discovery/science channel TV Series.
- ? Labs ****This will be done when possible! ****
- ACT-Style questions** will be included in this class. They involve topics you have learned in class, but focus mostly on your skills at reading comprehension. We will practice this.
- If you are **ABSENT**, you can see what we did in class in your Google Classroom. Do not ask me when you return to class "Hey, what did I miss?" or "I need my make-up work". Go look for yourself.

THERE ARE MANY THINGS I MIGHT ADD TO THIS SYLLABUS OR NEED TO CHANGE ABOUT IT DUE TO THINGS BEYOND MY CONTROL , BUT CURRENTLY I AM NOT SURE WHAT TO PUT. BE PREPARED TO BE FLEXIBLE. I WILL ENDEAVOR TO BE TRANSPARENT AND FAIR.