

PHYSICAL SCIENCE











Welcome to Physical Science! This course includes introductory principles of physics and chemistry as a basis for all further high school science courses. During the chemistry-focused section of the course, engaging investigations will lead to the discovery of structures, properties of matter, and chemical reactions and will include chemical formulas, equations, acids, bases, bonding, and the periodic table. The physics-focused portion of the course will focus on the motion, forces, gravitation, work, simple machines, energy, power, waves, light, and sound through means of scientific inquiry. Both semesters address the chemistry and physics concepts relating to the study of the earth and universe and how chemistry and physics are related to daily life.

Teacher: Jeffrey Baughman II

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Topics covered this year include:

Supplies needed for this class

-  **scientific calculator** (must have EXP, 10x or EE button)
-  3 subject spiral notebook with pockets (for handouts and our Interactive Notebook)
-  2" 3-ring binder (for handouts and additional notes)
-  10-tab divider set (or 2 of the 5-tab divider sets)
-  A pack of 200 sheets of loose-leaf notebook paper
-  Pencils (All assignments need to be done in pencil)
-  1 box of tissues
-  1 roll of paper towels
-  1 container of Clorox wipes
-  6 glue sticks

First Semester
Lab Safety/ Scientific Method
Defining and Calculating Energy
Atomic Properties
Chemical Reactions
Electromagnetism/ Waves
Second Semester
Acceleration
Momentum
Conservation of Energy

Grading

You will be given the grade you earn. Diligent students who keep up with all assignments and seek help when needed are usually rewarded by earning the desired grade. Coming to class without proper supplies could result in the loss of a daily grade. Periodically, I will have extra credit opportunities that will be offered to the entire class. There is no individual extra credit.

Extra Credit

Extra credit may be offered but will be for enrichment purposes and not in lieu of regularly assigned class work. It will be offered equally to all students and not to exceed 5% of a student's total semester grade.

Grading Scale:

- 40% Homework & Daily Assignments
- 10% Participation
- 40% Assessments
- 10% Semester Exam

Late Assignments:

Late assignments will be accepted for 75% credit. Tutoring is available and the teacher may use this as an option to make up work. Exceptions include bell work, which is strictly timed and cannot be accepted after the deadline; and work which is assigned by a substitute teacher.

Homework

Homework will be assigned, which may include reading, a writing assignment, problems, or completing your lab write-up.

Electronic Devices

I expected all students to put their phones, smart watches, and Bluetooth devices in the phone pockets daily at the beginning of each hour. This is how attendance will be taken. You also earn a participation grade for doing this unprompted by the teacher. The use of any electronic device (except a calculator) on a quiz or test will result in the zero. You CANNOT charge your phone in an outlet in my classroom, per school board policy. If you do not have a device, please see the teacher for additional information.

Lab

You must practice lab safety each time we are in the lab. This means you **MUST** be wearing closed toed shoes and wear goggles during the entire lab. If you are wearing open toed shoes on lab day, you will not be allowed to complete lab and will take a zero. You must also have a safety agreement on file.

Tardies

Remember, 2 tardies = 1 absence. You must be seated and ready to begin class when the bell rings. We only have 50 minutes a day together; you are an essential part of our class and I need you here on time, ready to learn.

Absences

You are responsible for obtaining any notes or completing work you missed while you were absent. You have 1 day for each day absent to turn in any missing work. If you missed a test or quiz, you will be expected to take it the day you return. Please remember you can always find out what you missed by going to the calendar on my school website. Make sure you get your homework checked even when you are absent!

Semester Evaluations

A comprehensive semester examination will be included in the semester grade. The examination shall count 10% of the student's final semester grade. A preview of the examination is not permitted. The use of supplementary aids (open notes, note cards, open book, etc) for the examination will not be allowed.

Tutoring

Science tutoring is available on Tuesday and Thursday from 3:15pm - 4:15pm in rooms 156 and 171, respectively. I am also available by appointment.

Remind

Please get the Remind app and sign up. I will be using this app to send out information for your class. You will be able to text me with questions and I will respond to you. I have found when my students need help with a homework using Remind eliminates frustration. **Please have your parents/guardians sign up to Remind as well.**

***** If you AND your parent/ guardian join remind, you earn some extra credit! *****

EVERYONE	Message for 1 st hour:	Message for 2 nd hour:	Message for 3 rd hour:	Message for 4 th hour:	Message for 5 th hour:	Message for 6 th hour:
Text:81010	@WHS01	@WHS02	@WHS03	@WHS04	@WHS05	@WHS06

Even better: Get the APP! (REMIND). Use the "@" codes as your class code.

There are alternate instructions for email sign up at these addresses:

Hour	Website
1	https://www.remind.com/join/whs01
2	https://www.remind.com/join/whs02
3	https://www.remind.com/join/whs03
4	https://www.remind.com/join/whs04
5	https://www.remind.com/join/whs05
6	https://www.remind.com/join/whs06