

Syllabus: Physical Science

Teacher: Tony Herder

Office: 214J



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Course Description: Physical science is the study of matter and energy. First semester is on the study of energy which is also known as *physics*. Second semester is on the study of matter also known as *chemistry*. You are required to pass this class in order to graduate!

Units covered: Scientific method and graphing, Motion, Forces, Momentum, Work and Power, Energy, Sound, Electromagnetic Spectrum, Electricity and Magnetism, Matter and Interactions, Atomic Structure, Nuclear Chemistry, Periodic Table, Chemical Bonds, Chemical Reactions, Solutions

Grading scale: A: 90-100 B: 80-90 C: 70-79 D: 60-69 F: 59 and Below

Grades:

- Quarter grades: 70% Test 30% Daily Work (everything else)
- Semester grade: 50% Quarter 1 50% Quarter 2

WIN location: 211J

Science News: Each student will be expected to share science news twice per quarter. This is worth ten points. At the start of each class I will ask if anyone has science news to share. It must be something that is recent and scientific. **As a class, a maximum of three science news will be allowed per day.**

Unexcused absences and tardies: If you miss assignments due to an unexcused absence, you will receive a zero for that assignment and not be able to make it up. This includes graded bellringers missed due to unexcused tardiness.

Late Work: All assignments for the unit are due before the test. There is no deduction for this late work (after the test it is a zero and cannot be done for credit). A zero will be entered for the assignment the class period after the due date. This zero will be changed when you submit the assignment.

Rules and Procedures: All traditional classroom rules apply. Use common sense! Each one of you has been in school for several years and knows proper classroom etiquette. Any student caught cheating will receive a zero for that assignment.

Quizzes/Tests: Must be connected to Apple Classroom and locked into Schoology. You are allowed to retake quizzes, but not tests. Quizzes can only be retaken if you have zero unexcused absences the previous three class periods and no tardies the previous two class periods. Quizzes count as Daily Work grades. You also cannot have any missing assignments. Your newest score will be your official score. If you are unexcused the day of a test, you will have 5 points deducted from your test score when you make it up.

Schoology: Most assignments will be submitted via Schoology. Grades shown on Schoology are not official!

Powerschool: This is the best place to check for grades and missing assignments.

Artificial Intelligence: The use of AI is considered academic dishonesty when not authorized to do so by the educator. This means that only when the teacher has given explicit permission to use AI for any portion of an assignment or assessment can it be used. If there is evidence of AI use on any assignment where the teacher has not given explicit permission to use AI, it will be treated as academic dishonesty.

Cell phones: Cell phones are to be out of use and out of sight during class. Consequences for a cell phone being visible are as follows:

1. *First Offense:* The device is brought to the Main Office, picked up by the student at the end of the student's day
2. *Second Offense:* The device is brought to the Main Office, picked up by the parent/guardian at their earliest convenience, not to be returned to the student until the end of the student's day
3. *Third Offense:* The device is brought to the Main Office, picked up by the parent/guardian at their earliest convenience, not to be returned to the student until the end of the student's day, behavior plan assigned to the student
4. *Fourth Offense:* The device is brought to the Main Office, picked up by the parent/guardian at their earliest convenience, not to be returned to the student until the end of the student's day, 1 day ISS
5. *Fifth Offense:* The device is brought to the Main Office, picked up by the parent/guardian at their earliest convenience, not to be returned to the student until the end of the student's day, 1 day OSS
6. *Sixth Offense:* The device is brought to the Main Office, picked up by the parent/guardian at their earliest convenience not to be returned to the student until the end of the student's day, transition to Virtual Program for the at least the remainder of the semester