

Course Overview:

This course is designed to familiarize students with the basic principles of entry-level physics and chemistry. Students will develop an understanding of the principles and laws governing both natural science and the composition, structure, properties, and changes of matter, as well as enhancing their problem solving and analytical skills.

Textbook: *Science Spectrum: Physical Science* (Holt, Rinehart, & Winston)

Overview of Content:

- 1st Semester: Physics. This includes: Motion, Forces, Energy, Thermodynamics, Waves, Light & Sound, Electricity, & Magnetism. We have a test for each of these units and a cumulating final exam at the end of the semester.
- 2nd Semester: Chemistry. This includes: Matter, Periodic Table, Reactions, Acids/Bases/Salts, & Radioactivity. We have test for each of these units and a cumulating final exam at the end of the semester.

Grading Policy:

- Your weighted grade will be based on performance in the following categories:

Academic (75% of grade)	Personal Management (25% of grade)
-Exams	-Assigned work
- Quizzes	- Check-ins
- Major Labs	-In-class Activities
- The Grading Scale is as follows:

-90-100% = A	-60-69% = D
-80-89% = B	-0 -59% = F
-70-79% = C	

Expectations

- **Things I Value:**
 - Being on-time to class or scheduled meetings
 - Having class materials ready (or asking me if you don't have them)
 - Responding respectfully to me
 - Being respectful to your classmates
 - Asking Questions and thinking about how the material relates to life outside of the classroom.
- **Attendance:** Maintaining a minimum of a 92% attendance rate is expected. Absences beyond this limit may result in denied credit or a pass/fail option.
- **Absences:** It is the student's responsibility, not the mine, to find out which assignments were missed after an absence and make them up in a timely manner. Please check with me and do not rely on RIE to complete your work.
 - If you are absent, your handouts will be available on Moodle or in the handout bin located near the SE door of the classroom.
- **Late Work:** Assigned work ("homework") under the 'Personal Management' grade will be accepted for ½ credit for one week after the original due date. Work turned in after this 1-week deadline will earn a '0.' Academic exams, quizzes,

and labs must all be made up within a reasonable span of time (depending on material) and must be coordinated with me in-person.

- **Retake Policy.** Students may retake a test, provided they have met the requirements to earn a retake. This will often involve meeting with Ms. Perttu and all related classwork must be completed before a retake. Students have a maximum of 4 weeks to retake a test; after that 4-week window, retakes will no longer be permitted.
- **Classroom Rule #1: Talking.** If I am speaking to the entire class, please give me your full attention. If one of your classmates is addressing the entire class, please give him/her your full attention.
- **Classroom Rule #2: Drinks.** All drinks must be in a spill-proof container. This means that if your drink is knocked over, liquid will not spill out of the container.
- **Classroom Rule #3: Food.** You may snack in class, but the food (or the container it is in) cannot be loud, nor can it have a distracting odor. This means that if I can hear or smell your food, I will ask you to put it away for the remainder of class. Snacking also includes the connotation that the process is periodic; in other words, please do not place an entire meal on your desk and proceed to eat it as if you were having a full meal.
- **Classroom Rule #4: Electronics.** I will be very clear when it is appropriate to use your devices. If I have not made this distinction, please do not use your electronic devices. If you chose to use a device when not authorized to do so, I will ask you once to put it away. If you use it again, you will have the choice to give it to me for the remainder of the class period, or leave class and report to the Vice Principal's office.

Getting Help:

- I am available before (all year) and after school in A202. It is important in Physical Science to stay caught up, as we move at a brisk pace. Please come see me if you have any questions.

It is important that you read and understand this syllabus. Please take this home with you and return it with the appropriate signatures as soon as possible.

Print Student's Name _____

Physical Science Period _____

Student Signature

Parent/Guardian Signature