

Course Overview:

This course will cover the principles of physical science as outlined in the Next Generation Science Standards (NGSS) and is designed to familiarize students with the basic principles of entry-level chemistry and physics. Students will develop an understanding of the principles and laws that govern both natural science and the composition, structure, properties, and changes of matter while enhancing their problem solving and analytical skills.

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

Overview of Content:

- 1st Semester: Chemistry. This includes: Matter, Periodic Table, Reactions, Acids/Bases/Salts, & Radioactivity. We have test for each of these units and a cumulative final exam at the end of the semester.
- 2nd Semester: Physics. This includes: Motion, Forces, Energy, Thermodynamics, Waves, Light & Sound, Electricity, & Magnetism. We have a test for each of these units and a cumulative 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	-On-time assigned work
- Quizzes	- Check-ins
- Major Labs	-In-class participation in 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
 - Showing up to class prepared, with all necessary materials
 - Interacting in a respectful manner, both with myself and 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 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 Google Classroom or from me.
- **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. Hooker and showing that all related classwork has been completed. Retakes must be taken within 2 weeks.
- **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 distracting (in sound or odor) to your peers or myself.
- **Classroom Rule #4: Electronics.** I will be very clear when it is appropriate to use your personal devices. If I have not made this distinction, all personal electronics must be tucked away and out of sight. 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 B207. 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 _____

Date _____

Student Signature

Parent/Guardian Signature