

Welcome to Physical Science

Mr. Roberts

Room S301

croberts2@cartersvilleschools.org

Grading

Your **Course Grade** will be calculated as follows:

- | | |
|---------------------------------|------------|
| 1. Summative Assessments | 60% |
| 2. Formative Assessments | 40% |

Your **FINAL Grade** will be calculated as follows:

- | | |
|------------------------|------------|
| 3. Course Grade | 90% |
| 4. Final Exam | 10% |

Communication

- Parents: The best way to contact me is through my school email at croberts2@cartersvilleschools.org
- Students: The best way to contact me is to message me through Schoology.
- Students: I will put the daily work in the weekly folder in Schoology.

Required Materials

- ✓ All materials will be needed to study for the midterm/final
- ✓ Pencils/Pens- blue or black ink only
- ✓ Notebook paper
- ✓ Any binder or folder to keep up with materials
- ✓ Calculator (no phones or tablets)

Practice Work / Homework

Practice work / homework is given in order to understand the information and do well on the tests.

Studying your notes and recent worksheets is homework and should be done regularly in order to understand concepts and prepare for tests

Academic Integrity

This class has zero tolerance for cheating. Academic dishonesty includes, but is not limited to cheating, plagiarism, and/or copying ***This includes copying from the internet.*** Any such instances will result in a grade of **zero** for the assignment and a disciplinary write up. This policy includes, but is not limited to tests/quizzes., classwork, homework, and labs. **IMPORTANT:** both the student copying and the one letting their work be copied will be penalized.

Daily agenda and assignments will be posted on Schoology.

- If you miss class, it is **YOUR** responsibility to get necessary make-up work. **CHECK SCHOLOGY!**
- If you miss a test, make an appointment with me for a make-up test.
- If you miss a lab, make an appointment with me for a make-up lab.
- **IMPORTANT NOTE: Make-up work is only allowed for excused absences.** Refer to the student handbook for the CHS absence policy.

Behavior Expectations

I have high expectations for all students. I expect students to achieve academically to their fullest potential. I also expect students to contribute in a **respectful** and **positive** manner to the classroom.

- You must bring your supplies (notebook, calculator, pen/pencil) every day. You will not be allowed to leave class to retrieve them. Failure to come to class prepared will negatively impact your daily grade.
- Follow all school rules

After-School Study Halls

The science department holds after-school study halls on Tuesdays and Thursdays. The hours are 3:40- 4:30. These are open to all students for extra help, test makeups, etc.

Learning Objectives

- SPS1. Obtain, evaluate and communicate information from the Periodic Table to explain the relative properties of elements based on patterns of atomic structure.
- SPS2. Obtain, evaluate and communicate information to explain how atoms bond to form stable compounds.
- SPS3. Obtain, evaluate and communicate information to support the Law of Conservation of Matter.
- SPS4. Obtain, evaluate and communicate information to explain the changes in nuclear structure as a result of fission, fusion and radioactive decay.
- SPS5. Obtain, evaluate and communicate information to compare and contrast the phases of matter as they relate to atomic and molecular motion.
- SPS6. Obtain, evaluate and communicate information to explain the properties of solutions.
- SPS7. Obtain, evaluate and communicate information to explain transformations and flow of energy within a system.
- SPS8. Obtain, evaluate and communicate information to explain the relationships among force, mass and motion.
- SPS9. Obtain, evaluate and communicate information to explain the properties of waves.
- SPS10. Obtain, evaluate and communicate information to explain the properties of and relationships between electricity and magnetism