

Physical Science I  
Miss. Gazdziak

**Contact Information:**

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**Course Information:**

Welcome to Physical Science, this is an introductory course that will focus on scientific skills, including scientific processes, lab safety, metrics, an introduction to matter, and an introduction to basic chemistry concepts. Over the course of the semester, we will cover the following topics:

- Science as a process
- Matter & states of matter
- Atoms & the periodic table
- Chemical bonds
- Chemical reactions

**Physical Science Skills:**

By the end of Semester I you should be able to:

1. Draw and describe the basic structure of an atom
2. Interpret a block on the periodic table
3. Conduct a controlled experiment
4. Explain how chemical bonds form
5. Balance a chemical equation

**Lab Skills:**

By the end of Semester I you should be able to:

1. Set up & interpret a graph
2. Accurately read a graduated cylinder and thermometer
3. Correctly measure a given distance
4. Correctly calculate density of an object
5. Find the volume of an object using water displacement
6. Find the mass of an object using a triple beam balance

**Grading Scale:**

Grades will be based on Tests, Labs, Quizzes, and Homework, the approximate breakdown is as follows:

35% Tests

30% Labs

20% Quizzes

15% Homework

**NOTE:** Zero's are NOT an option. If you have missing work you will spend time before or after school with me to make it up. Until the work is turned in you will have an incomplete in the course (INC).

### **Extra Credit:**

Extra credit MAY be available at the end of the semester, however, it will not exceed more than 3% of the students grade and it will NOT be available to students who are missing ANY assignments.

### **Classroom Rules & Expectations:**

- **RESPECT:** Respect yourself, your classmates, & your teachers
- **No excuses:** You and you alone are responsible for yourself; don't make excuses for your actions.
- No food, drink, or gum in the classroom/lab
- No iPods, MP3 players, or cell phones. If I see the above items, they will be confiscated and turned in to Mr. Lucas
- Highlight your agenda- you get four passes out of class for the semester (locker, bathroom, etc.) No agenda = No pass out.
- Be prepared! **Everyday** you are expected to bring:
  - 1) Your binder
  - 2) Something to write with
  - 3) Your book
  - 4) Your agenda

### **Classroom Procedures:**

1. **Entering the classroom-** You are to enter the classroom without screaming, running, or otherwise causing an inappropriate scene. Students who do not do this will be asked to leave the room & reenter as expected. Once you are inside the room, you are to:

- a. GO TO YOUR SEAT. DO NOT TALK, SOCIALIZE, OR WANDER AROUND
- b. Complete the bell ringer activity on the board.

2. **Tardies-** A student is considered tardy if they arrive to class after the bell without a pass. Students in the classroom will be marked tardy if they are not in their seat and working when the bell rings.

3. **Restroom/Locker use-** Students will be given 4 passes for the semester, if a student wishes to use the restroom after 4 passes they must make up the missed time after school. Students MUST have their own agenda in order to leave the classroom.

4. **Late Work-** I will always accept late work if it is turned in within the quarter it was assigned. Late work will be accepted with a deduction of 10% per day up to 50% total.

5. **Quiz/Test Retakes:** Students may retake a quiz or test or they may do test corrections if they approach me with a request and retake the quiz/test within a week of the original quiz/test.

**Absences:**

- See me for missing work before or after school, **not** at the beginning of class
- If you are absent for only one day and we take a quiz or test, when you return, you **WILL** be expected to take the quiz or test.
- Missing work must be turned in by the next class period upon your arrival to school.
- If you miss a lab, you **MUST** make it up immediately, once the equipment is put away the lab **can not** be made up.

**NOTE:** Refer to the section on responsibility; I ***will not*** track you down to make up a homework, lab, or test. If you need to schedule a makeup you will need to see me before or after school.

\*\*\* Return this entire page \*\*\*

PARENTS/GUARDIANS

I, \_\_\_\_\_, have read this course description for Miss. Gazdziak's science class that my child, \_\_\_\_\_ is currently enrolled. I understand the class requirements and policies as stated above.

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(Parent/Guardian Signature)

(Date)

My preferred form of contact is (circle one)

**Email**

**Phone**

Email address/Phone number: \_\_\_\_\_

I prefer parent/teacher communication in Spanish?

**Yes**

**No**

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**STUDENTS:**

I, \_\_\_\_\_, have read the course description for Miss. Gazdziak's science class. I understand the class requirements and policies as stated above.

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(Student signature)

(Date)

\*\*\*Return this entire page\*\*\*