

# Physical Science

**SY: 2024-2025**



**Ms. Amanda Nutt**

**Room B12**

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## What is Physical Science?

**Physical Science** is an **Introduction to Chemistry and Physics**. We will cover topics such as Matter, Atomic Theory & Structure, The Periodic Table, Chemical Bonds & Equations, Acids & Bases, Energy & Work, Thermal Energy, Electricity & Magnetism, Waves & The Electromagnetic Spectrum, and Force & Motion. This course is designed to challenge and excite you about the world we live in! Everyone will be able to excel in this course if you come to class focused, positive, and respectful. I am looking forward to our journey together!

## Materials to Bring to Class Daily:

- 3-Ring Binder
- Spiral Notebook or Composition Book
- Pencils/Pens
- Colored Pencils
- Markers
- Glue
- Wired headphones

*Donations of Dry-Erase Markers, Boxes of Tissues, and Hand Sanitizer are greatly appreciated but not required.*

Website: [www.ScienceNutt.com](http://www.ScienceNutt.com)

# Grading

Your nine-week grade will be based on the following:

- Mastery Checks – 35%
- Unit Tests – 30%
- Labs / Projects – 15%
- Daily Class Work & Note Checks – 20%

At the end of each lesson, students will receive specific classwork categorized as "**must do**, **should do**, and **aspire to do**." After completing this work, they will proceed to the Mastery Check. Upon passing the Mastery Check, they can advance to the next lesson. If needed, students can retake the Mastery Check after more practice. Once all Mastery Checks for a unit are finished, students can take the unit test.

## Grade Scale:

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

## Absences & Make-up Work

If you miss class, when you return to school, please check the absence folder for your class period for any handouts that were passed out while absent. In addition to checking the absence folder, please check *Schoology*. Meet with me (before or after class) to discuss your plan to get caught up, and we will set a specific due date.

## Late Work

This class has a self-paced element, with a guide to determine when you should be completed with each unit. Any work turned in past the due date at the end of the quarter (without prior arrangements) may result in a penalty.

**\*ALL MISSING ASSIGNMENTS MUST BE TURNED IN BY THE LAST DAY OF THE QUARTER TO RECEIVE CREDIT.**

## Textbooks

Textbooks will be kept in the classroom and distributed as needed.

## Cell Phone Policy

Cell phones should be turned off or put on Airplane mode during the school day from 8:15 a.m. to 3:20 p.m. Students should keep their cell phones in their backpacks or in a science cabinet.

## Food & Drink

Students should NOT eat or drink in the science lab. Water bottles are permitted.

## Class Expectations

### Personal Responsibility

- Be prepared by having the required materials
- Be on time
- Stay on task

### Respect

- Follow directions
- Respond politely to others' ideas
- Be considerate of others' personal space and property

### Integrity

- Use appropriate language
- Be honest and truthful
- Accept consequences
- Listen to the teacher and watch for cues

### Discipline

- Use an appropriate voice level
- Exercise self-control
- Use SLANT during instruction

### Excellence

- Be at your best... everyday
- Learn from mistakes
- Encourage others
- Celebrate others' successes and as well as my own

Attention Parent/Guardian:

Fauquier County Public Schools has adopted a new instructional materials policy ([https://go.boarddocs.com/va/fcps/Board.nsf/files/CMYQVP6882D8/\\$file/6-5.6.pdf](https://go.boarddocs.com/va/fcps/Board.nsf/files/CMYQVP6882D8/$file/6-5.6.pdf)). This policy requires me to provide advanced notification of any content/book/resource utilized in my classroom deemed to contain sexually explicit material as defined in the policy. I have evaluated my curriculum resources planned for the remainder of this school year, and currently do not have any such material that would require me to enact this step. Should this be the case or if my lesson plans change to incorporate sensitive material, you will be notified as outlined and provided an opportunity to request an alternative assignment if desired. Please feel free to contact me directly if you have any questions or concerns.