

# PHYSICAL SCIENCE

Pine Hill Middle School

Mrs. Cassie Ito

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Conference: Tuesdays 2:00 – 3:00



## UNITS

1. Properties of Matter
2. Atomic Structure and the Periodic Table
3. Chemical Bonds and Reactions
4. Solutions
5. Nuclear Energy
6. Force and Motion
7. Heat and Energy
8. Electricity and Magnetism
9. Nature and Property of Waves

## CLASS SUPPLIES

- ✓ One 2-pocket w/ prong folder
- ✓ pens/pencils - *enough for the school year.*
- ✓ paper - *enough for the school year*
- ✓ two composition notebooks - *One won't be quite enough for the entire year. Get them now while they are on sale.*
- ✓ color pencils
- ✓ scissors
- ✓ glue **or** tape



## IN OUR CLASSROOM



## Remind

Physical Science:

Text the message  
**@itoscience** to the  
number **81010**.

## CLASS RULES

- 1 Be on-time, on-task, & prepared to learn **EVERYDAY**
- 2 Keep all personal electronics **PUT AWAY!**
- 3 **BE RESPONSIBLE** ← for your own learning
- 4 **RESPECT** the teacher  
the classroom  
other students
- 5 Trash goes in the trashcan!  
→ **#NOTYOURMAID**

2019-2020



## Course Description

The **Physical Science Georgia Standards of Excellence** are designed to continue student investigations of the physical sciences that began in grades K-8, and provide students the necessary skills to have a richer knowledge base in physical science. The standards in this course are designed as a survey of the core ideas in the physical sciences. Those core ideas will be studied in more depth during in the chemistry and physics courses. The physical science standards include abstract concepts such as the conceptualization of the structure of atoms and the role they play in determining the properties of materials, motion and forces, the conservation of energy and matter, wave behavior, electricity, and the relationship between electricity and magnetism. The idea of radioactive decay is limited to the understanding of whole half-lives and how a constant proportional rate of decay is consistent with declining measures that only gradually approach to zero. Students investigate physical science concepts through the study of phenomena, experiences in laboratory settings, and field work.

### 9 Weeks Averages

Tests / Projects = 35%

Quizzes = 25%

Labs = 20%

Classwork = 15%

Homework = 5%

### Yearly Average

1<sup>st</sup> Nine Weeks = 20%

2<sup>nd</sup> Nine Weeks = 20%

3<sup>rd</sup> Nine Weeks = 20%

4<sup>th</sup> Nine Weeks = 20%

EOC = 20%

Students who successfully complete this course will earn 1 high school credit.

## Georgia Standards of Excellence

<https://www.georgiastandards.org/Georgia-Standards/Documents/Science-Physical-Science-Georgia-Standards.pdf>

