



# Physics Fact Sheet

## Class Information

**Name:** Ms. Kristen Lee

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**GC:** See Teacher

**Remind:** See Teacher

**Room Number:** A1

**Need Help?** I  
am flexible! Set up a time with me.

## How Will I Be Graded?

### Standards Based Grading

- ❖ 3-5 Science Competency Standards
- ❖ 3-5 Content Standards Per Unit
- ❖ Self, Peer and Teacher Assessment through activities, practice and inquiry. Summative assessment at the end of each topic or unit determines score.

**Reassessments:** Built into class and can be done at the discretion of the student and teacher.

**Late Work:** Late work always accepted until the end of the semester.

**Finals/Midterm:** Final reassessment of standards the day of the final. Exemptions will be based on the AHS Attendance Intensive and Senior Exemptions.

## What to Expect

- ❖ Integration of Physics, Engineering and Earth Space Science
- ❖ Inquiry Based Learning- You will explore and discover science and make conclusions
- ❖ Focus on science competencies including writing and communicating in science
- ❖ Working in partners and groups
- ❖ Limited lecturing and traditional tests and quizzes with flipped lessons to learn content



## Science Competencies

- ❖ Scientific Observation
- ❖ Scientific Communication
- ❖ Modeling
- ❖ Argumentation
- ❖ Planning and Carrying Out Investigations
- ❖ Collection and Analysis of Data
- ❖ Obtaining and Evaluating Information



## What You Need for This Course

- ❖ Electronic Device
- ❖ Notebook
- ❖ Folder exclusively for physics
- ❖ Pencils, Highlighters
- ❖ Curiosity, Focus and Determination

## What Units Will We Be Covered?

**Unit 0-** Introduction to the Science Competencies

**Unit 1-** Energy Flow from the Earth's Systems

**Unit 2-** Energy, Forces and Earth's Crust

**Unit 3-** Collisions and Momentum

**Unit 4-** Meteors, Orbits and Gravity

**Unit 5-** Electromagnetic Radiation

**Unit 6-** Earth's History

