



Physics Fact Sheet

Class Information

Name: Mrs. Vanessa Wentzloff

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GC: See Teacher

Remind: See Teacher

Room Number: C9

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 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



What You Need for This Course

- ❖ Electronic Device
- ❖ Notebook with 150+ pages
- ❖ Folder exclusively for physics
- ❖ Pencils, Highlighters
- ❖ Curiosity, Focus and Determination

Science Competencies

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



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

