

# The Physical Universe 2018-2019



*The fundamental mission of the Stagg Science Department is to instill in students the essentials of scientific inquiry, exploration, methods, and research while fostering life-skills and learning through rigorous coursework; to prepare students for future opportunities in higher learning.*

Teacher: Ms. Elizabeth (Miss E)  
E-mail: [melizabeth@stocktonusd.net](mailto:melizabeth@stocktonusd.net)

Room: G6  
Phone: (209) 933-7445 (leave message)

## Course Objectives

Topics that will be discussed:

- Changes in Energy *“How is energy transferred between objects?”*
- Matter and Energy in the Universe *“Where do matter and energy in the universe come from?”*
- Matter and Energy in the Environment *“How much is Earth constantly changing?”*
- Evolution of Earth *“What evidence do we have that the Earth is different now than it used to be?”*
- Forces, Energy, and Motion *“What is energy? How can one predict an object’s continued motion, changes in motion, or stability?”*
- Interactions Between Objects *“How do objects such as moons and satellites orbit the sun and/or planets such as the Earth?”*
- Electric and Electromagnetic Energy *“How are waves used to transfer energy and information?”*

## Grading

A+: $\geq 98\%$	B+: 88% - 89.9%	C+: 78% - 79.9%	D+: 68% - 69.9%	F : < 59.5%
A : 93% - 97.9%	B : 83% - 87.9%	C : 73% - 77.9%	D : 63% - 67.9%	
A- : 90% - 92.9%	B- : 80% - 82.9%	C- : 70% - 72.9%	D- : 60% - 62.9%	

The class grade will be calculated using the following weights:

Class work/Homework =30%

Labs/Activities = 30%

Assessments = 40%

**\*\*TO VIEW GRADES AND STUDENT ATTENDANCE GO TO [WWW.STOCKTONUSD.NET](http://WWW.STOCKTONUSD.NET) AND CLICK ON THE PARENTVUE LINK.** Parents must get signed up. Contact the Registrar’s Office e (209) 933-7445 ext. 8516 or your student’s counsellor.

*Personal Progress reports will be sent home on an as needed basis for parent review and signature.*

**NOTE: Please complete the following Information Sheet and return it to me by Monday 8/6 (10 pts)**

-----Cut here -----

I have read the Physical Universe Syllabus in its entirety. I, the student, will follow all of the teacher’s instructions, work on task in a productive manner, do my work, attend class on time, makeup any missed work or retaking all assessments scoring less than 70%, as well as be respectful, orderly, cooperative and safe at all times.

Student Name \_\_\_\_\_ Phone# \_\_\_\_\_

Student Signature \_\_\_\_\_ Email \_\_\_\_\_

Student ID: \_\_\_\_\_ Class Period: \_\_\_\_\_

My Goal Grade is \_\_\_\_\_. One thing you should know about me is \_\_\_\_\_

### Notebook

All students will be required to keep and maintain an Interactive Notebook. **Your notes and notebook are a vital component to class and needs to be brought to class every day in order for the student to be successful.** Content Notes, Class Activities, Diagrams, Learning Logs etc. will be included in the notes. It will be necessary that parents are involved with your notebook, as they will be essential in the grading process. Students should be teaching from their notebooks as a form of reinforcement and self-assessment. Each student will receive one copy of materials. Binders or folders to store their notebook are very helpful as are colored pencils, pens, and pencils.

### Classroom Expectations

**No student has the right to interfere with another student's right to learn. Each student will do his/her best to learn and succeed.**

- ✓ Be on task, stay in seat until the teacher has dismissed you. Cooperate with team members to complete group works.
- ✓ Stay in the classroom at all times, and only walk out with the permission of your teacher and a pass. Not allowed the first 15 minutes or last 15 minutes of class.
- ✓ Be respectful to peers and teacher. Follow teacher's directions at all times.  
Raise your hand and wait for the teacher to call on you or to go near you before asking or answering a question during class or group activities.
- ✓ Do not use disruptive, foul, coarse, offensive, or derogatory language.
- ✓ Do not bring food, drinks (except water) to class. Eating in class is not allowed school wide. No gum please
- ✓ Be responsible for yourself and your things. Cell phone/ear buds use are not allowed during class or between passing periods
- ✓ No personal grooming allowed during class and to avoid disruptions in your learning adhere to school dress code.
- ✓ EXPECT TO BE EDUCATED: Learn to Listen and Listen to Learn

### Honor Code

Stagg High School holds academics in the highest regard and does not tolerate individuals who find means other than their own diligence and hard work to prosper. Individuals who do not comply with the Honor Code of Stagg High School and the Stagg Science department are to receive **no** credit for the work, will be referred for appropriate disciplinary action, and will receive a phone call home.

**Teacher Website: [www.stocktonusd.net/Domain/3232](http://www.stocktonusd.net/Domain/3232) Updated regularly with assignments, photos or videos of school and classroom activities.**

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I have read the Physical Universe Syllabus in its entirety and understand that my student is expected to follow all of the teacher's instructions, work on task in a productive manner, participate in all class activities, complete assignments and labs, may be photographed or videotaped, do their work, attend class on time, makeup any missed work, retake all assessments scoring less than 70%, as well as be respectful, orderly, cooperative and safe at all times.

I, the parent, will support the teacher's academic goals and classroom management in the education of my child. We are then affixing our signatures below to show our agreement to the classroom rules and expectations.

Parent Name \_\_\_\_\_ Phone# \_\_\_\_\_

Parent/Guardian  
Signature \_\_\_\_\_ Email \_\_\_\_\_

Note any additional information Ms Elizabeth should know: