



Astronomy

Grand Haven High School



Course Number: D46

Grade Level: 11th and 12th Grade

Credits : 0.5

Prerequisite Courses : None

Course Description

This elective course will study science outside of Earth. Students will be exposed to astronomical concepts of space. Learning will take place through hands-on activities, discussions, presentations, and projects.

Course Objectives

During this semester long class students will be studying the birth and structure of the universe, galaxies, stellar evolution, constellations, the solar system, tools of astronomy, space exploration, and the search for life outside of our planet and solar system.

Student Expectations

Students are expected to come to class and give their personal best every day. It is expected that students will come to class prepared and ready to learn. It is also expected that they bring a good attitude and show respect to other students and the teacher.

Star Gazing Party

Students will be required to attend at least one star gazing party. The dates of these will be announced in class. They will be at night after sunset and will last approximately a half hour. This will be our best way to apply what we have learned in class.

Communication

Regular progress can be monitored using parent internet viewer (PIV). Teacher will be available through email contact and phone.

Grading Policy

Classwork (50%)

Quizzes/Tests (50%)

Assessments

Students will be assessed in two different ways. They will have unit tests that will cover the overall material we will learn in each unit. Additionally, students will be assessed over several constellation quizzes in which they will be learning the different constellations and the major stars in each constellation.

Scope and Sequence

Historical Astronomy
Birth of the Universe
Stellar Evolution
Constellations
Solar System
Technology
Space Travel

Building Behavioral Expectations

TEAM GH ... One Team, One Family, One Grand Haven. Be Kind. Always.

It is our expectation that ALL GHHS students, staff and parents will ... always give their best **EFFORT** in everything that they do, work hard to be **INCLUSIVE** of each other, show **RESPONSIBILITY** in class, the hallways, cafeteria and at events, and **WORK TOGETHER** at all times!

Together, Excellence, Accountability, Mindfulness ... GO BUCS