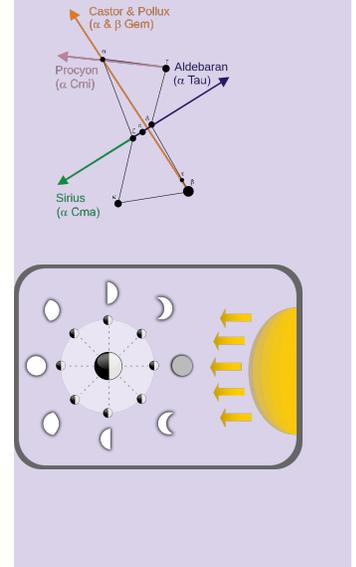


Astronomy

The Study of space and objects in the universe.

What You'll Learn with Mrs. Heupel

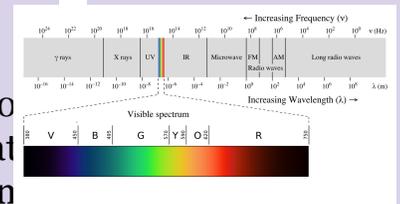
Constellations - You'll learn 16 of the 88 constellations. We'll focus on those most easily found from our location in Northwest Montana. You learn how to find 1 main constellation and the constellations associated with it.



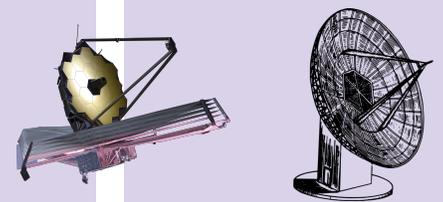
Moon Phases and Seasons - You'll learn how to identify moon phases, the locations of the sun, Earth, and moon for each phase, what causes the seasons, as well as the relative positions of the Earth and sun for each season.

Light & the Electromagnetic

Spectrum - You'll learn how astronomers get all of our information like mass of planets, orbital speed of comets, direction of planet rotation and more, just by studying the information that we receive from the light (electromagnetic radiation) coming from stars and planets.

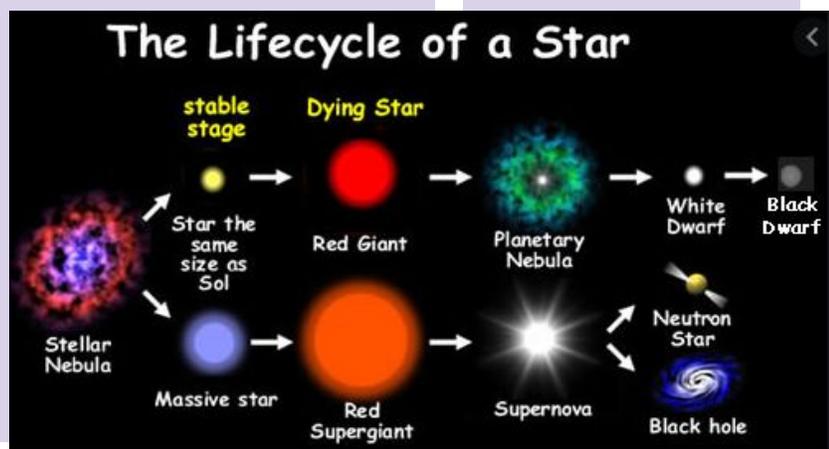


Telescopes - You'll learn about different kinds of telescopes, where they are located, and what type of light they collect.



Life Cycle of Stars -

You'll learn about each of the different types of stars and their characteristics. You learn what we can tell about a star, just by its classification, if it will become a black hole or a supernova, and much more.





Communication with your Instructor



Our Astronomy class will incorporate a **blended** learning format, meaning some of your assignments will be on paper & some of them will be turned in digitally with Google Classroom. Sometimes you'll get information by reading & taking notes, other times there will be teacher lead instruction, or video lectures. Activities & labs will be used to reinforce & apply concepts. Most make up work can be done through Google Classroom. If you are absent, **check** *Google Classroom*. If you are able, login through GC & do assignments from home. When you turn in an assignment using GC, you'll receive comments, but not necessarily scores. Don't forget to check the Private Comments section under your Google Classroom assignments for individual comments. Last, but not least, remember to regularly your school gmail account for messages from your instructor.

Download these Apps:

- Powerschool
- Google Classroom
- Google Keep
- Google Drive
- Quizlet
- Flipgrid

Biology Class has a **1 time**

\$ Lab Fee \$
of \$3.00

*Pay Shannon at the front office.



Personal devices will be allowed in our classroom for use in labs, activities, and accessing instructional content. For Example: for some labs you'll need a calculator, a timer, stopwatch, or camera. If you don't have a phone with these features, don't worry, there'll be other options.



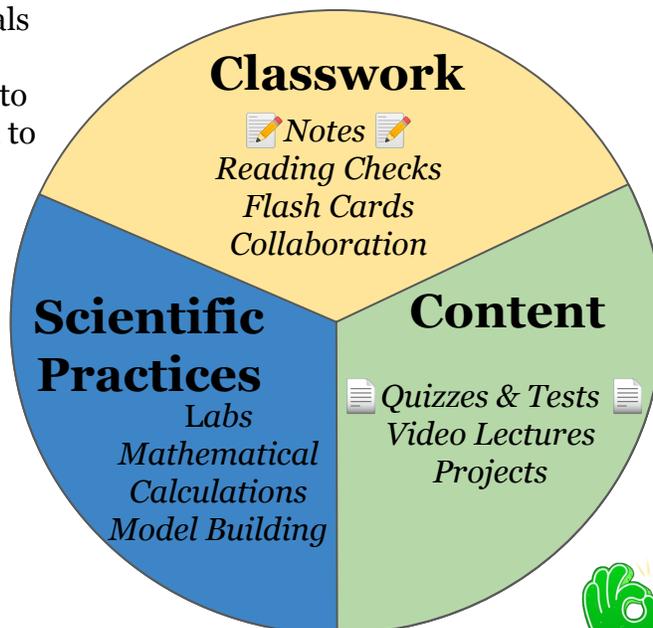
Assignments

Students will be expected to track their progress & reflect on learning goals & collaboration for each unit. All feedback given to students should be used to improve work.

You Can Do It!



Late **work** is accepted up **until** the end of each **unit**.
Contact your instructor if you need more or more support.



A	90
B	80
C	70
D	60
F	50
	40
	30
	20
	10
	0

Grading

