



FAQS



HAVE YOU EVER WONDERED...

... what else is out there in the far reaches of space?

... when and how the Sun is going to die?

... how stars & planets were made?

... what is our place in the universe?

... what would happen if you fell into a black hole?

... how the universe is going to end?

... if we really went to the moon?

... what a shooting star is?

... if we are alone in the universe?

IF YOU ANSWERED YES TO ANY OF THE QUESTIONS ABOVE, THEN ASTRONOMY IS THE CLASS FOR YOU!

Q: Why take Astronomy?

A: It is a fun and memorable class.

Q: Do we learn about the possibility of life elsewhere?

A: Yes!



Q: Is there much math?

A: To understand the great mysteries of the universe, there is just a little math... 3 Units have math.

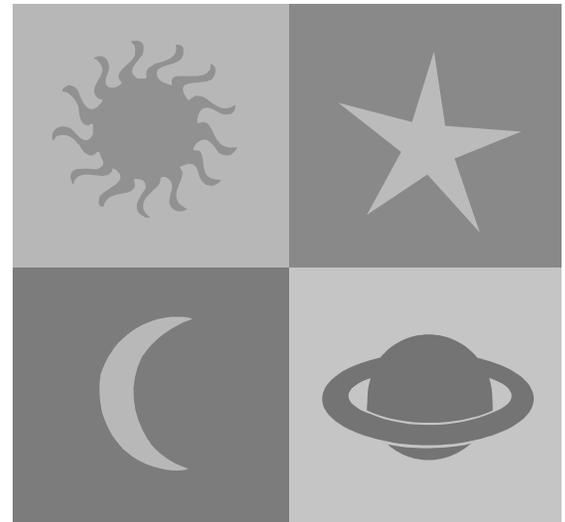
Q: Is there much homework?

A: Very little to none. It really depends on you. Most everything is done in class.

Q: Why Astronomy, part two?

A: It is likely that you'll end up knowing more than your parents!

ASTRONOMY



THE STUDY OF THE UNIVERSE

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TOPICS OF STUDY:

1. The Origin of the Universe
2. Ancient Civilizations and their Beliefs
3. Telescopes and Properties of Light
4. Constellations and Mythology
5. Einstein's Mind-boggling Theories
6. The Lifecycle of Stars
7. Black Holes
8. The Role of the Sun in our Solar System
9. All the Planets and their many Moons
10. Comets, Asteroids & Meteors
11. Galaxies
12. The exploration of the Universe
13. And Much, Much More!



PROJECTS & LABS:

The History of Astronomy – find out what some of the greatest minds in history thought about our universe.

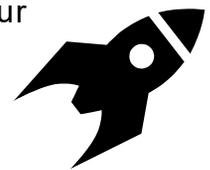
Eggnaut – will you be able to save your Eggnaut from the perils of orbital reentry? Design a vehicle to prevent your egg from breaking when we toss it from the second story of the school.



Cooking up Comets – use dry ice to create a comet.

Balloons to Black Holes – simulate the death of a massive star and its violent collapse into a black hole.

Rocket Time – build a rocket and compete against your classmates to see whose rocket will have the longest flight.



***These are only a few of the fun activities we do throughout the year!**

STAR PARTIES:

We use our telescope to observe some amazing things first hand. Things you might see:



1. Craters and Mountains on the Moon.
2. Sunspots on the Sun
3. The Rings of Saturn
4. Cloud Striations on Jupiter & the 4 Galilean Moons
5. Star clusters, nebulae, & galaxies
6. Constellations, North Star, & other popular stars



**YOUR ANSWER:
SIGN ME UP FOR
ASTRONOMY BEFORE
SPACE RUNS OUT!**

