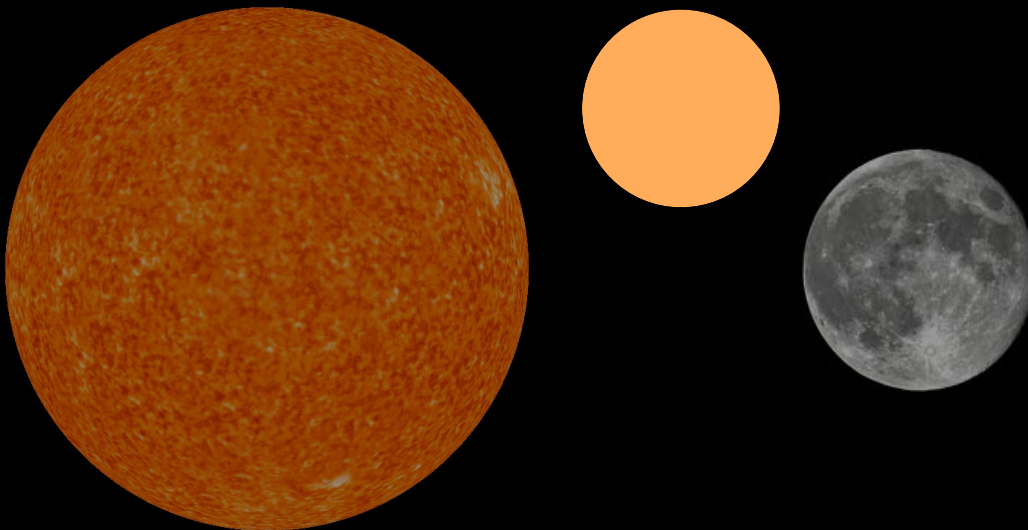


April 30, 2019

- Intro to Space

Warm-Up

How many times bigger is the Sun than the Moon?



What can we see in the sky? (pg 400)
List some things you can see in the
sky?

Universe = everything that exists. the total known or supposed objects and phenomena throughout space. Includes all matter and energy everywhere.

i.e. Earth is part of the universe



astronomy = the study of what is beyond earth.

astronomer = the person who studies astronomy.

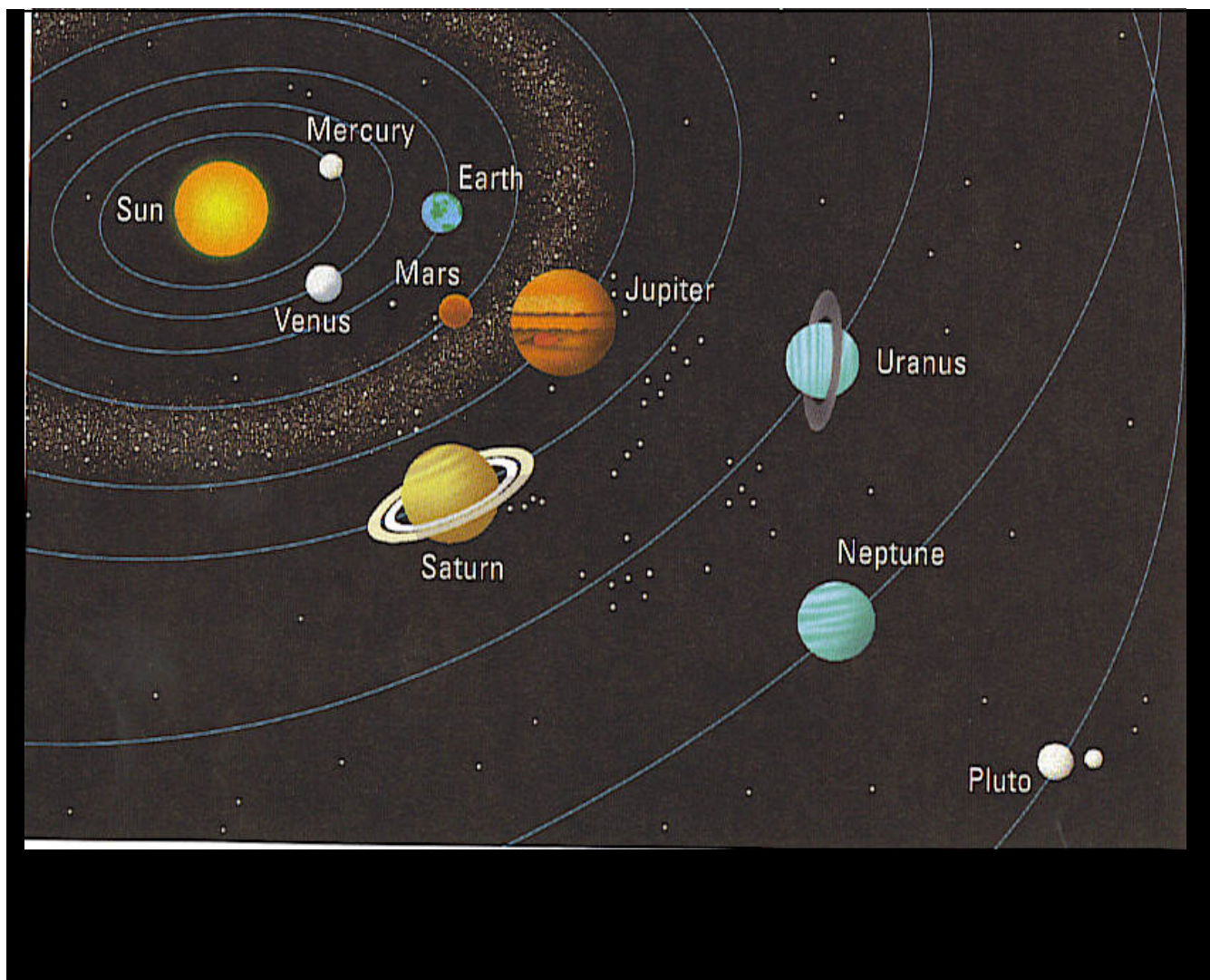
Within the universe is the solar system.

The *solar system* includes our sun and all the objects that travel around it (8 planets, pluto and their moons)

Planets and moons do not emit their own light. They are nonluminous.

Within the solar system we have constellations, stars and planets etc.





Ways to Remember the Planets

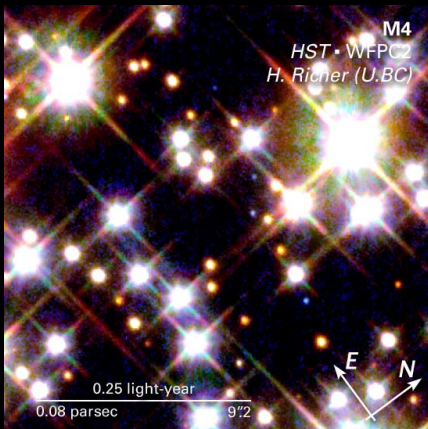
My Very Educated Mother Just Served Us Nuts.

Many Very Educated Men Judge Sphere Unworthy Now.

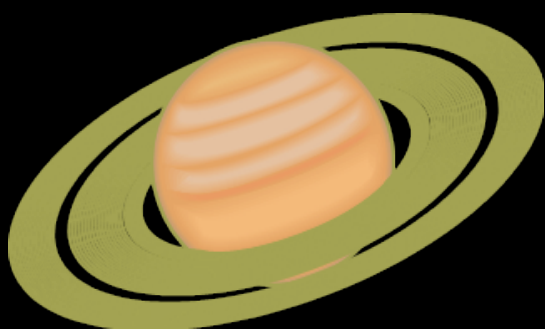
My Very English Mother Just Served Us Nuts.

My Very Elegant Mother Just Served us Nachos.

A star is matter that emits huge amounts of energy.



- It is estimated that there are about 60 000 000 000 000 000 000 000 stars in the Universe
- All the stars in space outnumber every sound and word produced by every human that has ever lived!



A planet is matter, usually a sphere that revolves around a star i.e. earth is a planet and the star we revolve around is the sun.

Check out table 1 on page 402 to see what the differences are between planets and stars

Attachments

Uranus student response(4).avi

student response no tilt.avi