

# This is Colton's Solar System





# Gravity



Gravity is a force that pulls you to the center of the Earth.

Gravity impacts you because if there was no gravity you wouldn't weigh anything, also you would just float around everywhere.

On earth if you weigh sixty five pounds you would weigh eleven pounds on the moon.

## Comets and Meteors



One famous meteorite is the Hoba meteorite. The Hoba meteorite weighs sixty tons. People think that it landed over 80,000 years ago. A farmer found it in the 1900s while he was plowing his field.

A meteoroid is a rock that is in space. A meteor is exactly the same thing but it is in earth's atmosphere. A meteorite is a meteor that is on earth. A meteor is made up of rock. A comet is made up of gas and ice.

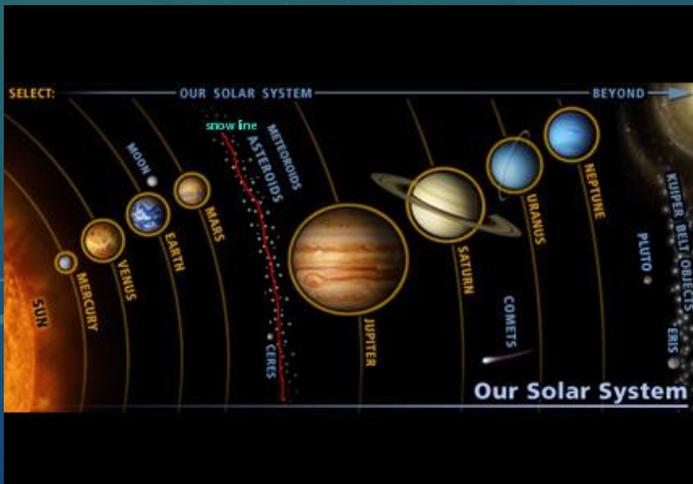
# Inner and Outer Planets

Mars is an inner planet. Mars has a diameter of 6794km (0.11 of earths mass). Mars is a rocky planet. Mars is just under 0 degrees Fahrenheit at average. Mars is 227,940,000 km away from the sun. The atmosphere of mars is very thin carbon dioxide.

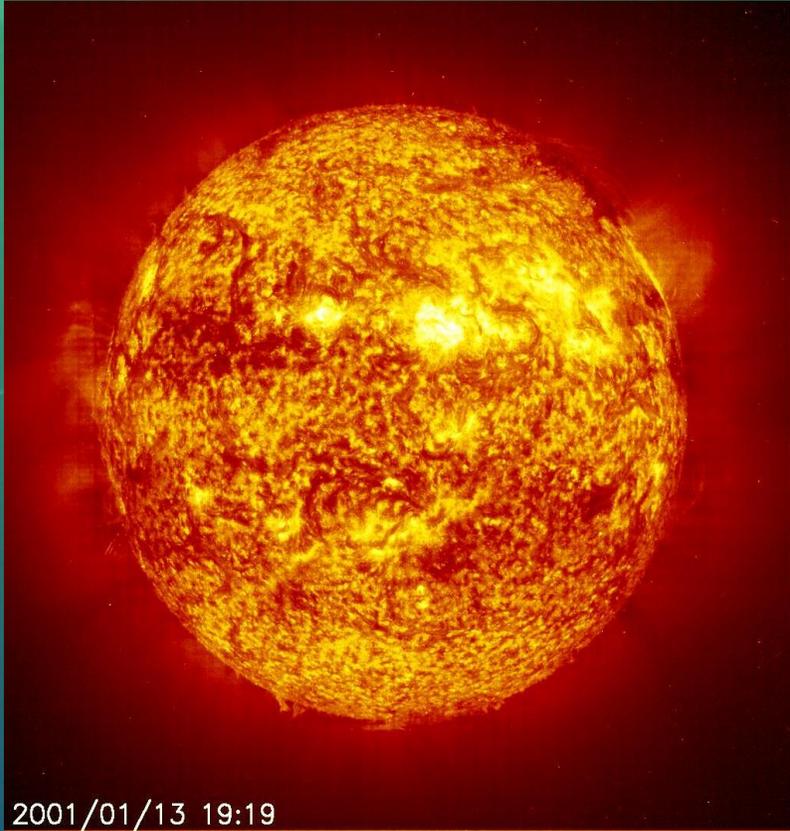
Saturn is an outer planet. Saturn has a diameter of 116,464 km (that is 95 earths). Saturn is a gas planets, it about -200 degrees Fahrenheit at average. Saturn is 1,429,400,000 km away from the sun. Saturn's atmosphere is made up mostly of hydrogen and helium. If Saturn was on a big body of water it would float because it is so light. Saturn is the second biggest planet in our Solar System.

The inner planets are Mercury, Venus, Earth, and Mars. The outer planets are Jupiter, Saturn, Uranus, and Neptune.

Jupiter, Saturn, Uranus, and Neptune are gas planets. Mercury, Venus, Earth, and Mars are rocky planets.



# Stars and Our Sun



Stars are big balls of gas that give off light, energy, and heat. The sun is a star and it takes about 8 minutes for its energy to reach earth, from our nearest star(not the sun) it takes about 4 years for its energy to reach earth.





## Technology



One piece of technology is the rover. A rover is a drone that can drive around. The way a rover benefits humans is you can drive around on other planets. Scientists have used rovers to go on Mars, it helped them get pictures and find important stuff. Because of rovers they have found water markings so they think that there used to be water on Mars.

My other piece of technology is a satellite. A satellite is a machine that launched into space and orbits earth. Satellites benefit humans because they look at earth and you can go on to your phone and look at maps so you know where you are if you get lost. Satellites also give service for your phones and TV.

# WORKS CITED

Yahoo answers

Nasa.gov

Science Channel

Science Book

