



Solar System

By Jaxon

Stars and our Sun

Stars are huge balls of very hot gases. These gases give off light. Even the sun is a star. Stars are classified by color as blue, blue white, white, yellow, orange red, and red. A constellation is a group of stars showing a recognizable pattern like the big dipper.



Inner and Outer Planets

There are outer and inner planets. Jupiter, Saturn, Uranus, and Neptune are outer planets. Mercury, Venus, Earth, and Mars are inner planets. The diameter of Jupiter is 86,881 miles (137,822 km). Mercury's diameter is 3,032 miles (4,879 km). The temperature of Jupiter is minus 234 F. Mercury's temperature is minus 280 F. Jupiter is 483,800,000 miles from the sun and Mercury is 35,980,000 miles from the sun. Jupiter's atmosphere is mostly nitrogen and oxygen. Mercury's atmosphere is mostly hydrogen, helium, and oxygen. Jupiter is a gas planet. Mercury is a rocky planet. Jupiter is the fifth planet from the sun and the biggest planet in the solar system. Mercury is the closest planet to the sun. Jupiter is much bigger than Mercury, but Mercury is closer to the sun than Jupiter. And Jupiter is bigger than Mercury. But they are both in our solar system.

The Outer Planets

Jupiter, Saturn, Uranus, Neptune, Pluto



The Inner Planets

Mercury, Venus, Earth, and Mars



Click here to see a meteor.

Comets and Meteors

<http://abcnews.go.com/WNT/video/nasa-confirms-meteor-hit-central-texas-26796357>

A meteor is a small piece of space debris usually a part of a comet or asteroid and a comet is an icy small solar system body. There are meteors, meteorites, and meteoroids. A meteor is when a flash in the night sky appears. A meteoroid is a piece of interplanetary that is smaller than a kilometer. If any piece of the meteor survives the fall to earth it's a meteorite.

COMET



METEOR



Gravity

Gravity is a force pulling all matter (which is anything you can physically touch). If we were to not have gravity we would weigh a lot less and we would be able to jump a lot higher. If you were to go to any other planet in the Milky Way the planet would have more or less gravity than Earth. If there was no gravity the sun and Earth would not exist.



Technology

Technology is something you are probably familiar with, like a military satellite is an artificial satellite used for military purposes. The most common missions intelligence gathering, navigation and military communications. Without satellites a lot of things would not work out very well.



Work Sited

<http://space-facts.com/>

http://www.ehow.com/info_10055344_gravity-affects-sun-earth.html

Science The Atmosphere and Beyond (book)

<http://en.wikipedia.org/wiki/Space>