



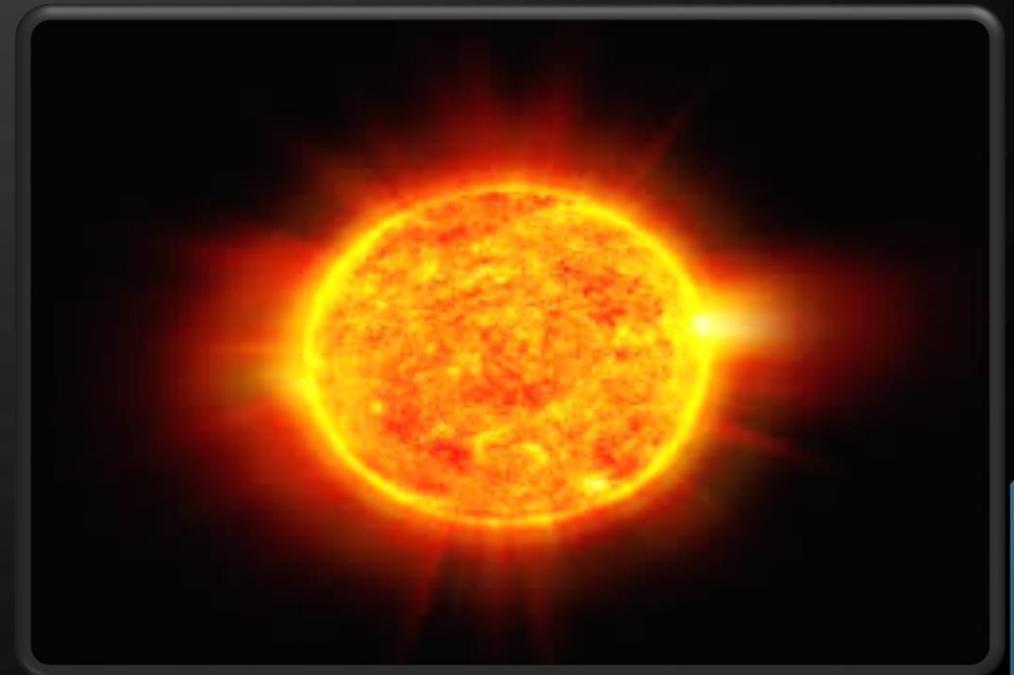
OUR SOLAR SYSTEM

JACK

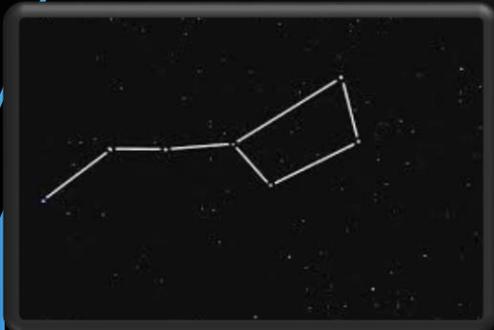
OUR STARS AND SUN

A star is a big ball of hot gases that gives out heat, light, and other energy. Stars can be classified by the size, brightness, temperature, and color.

The Sun



Big Dipper

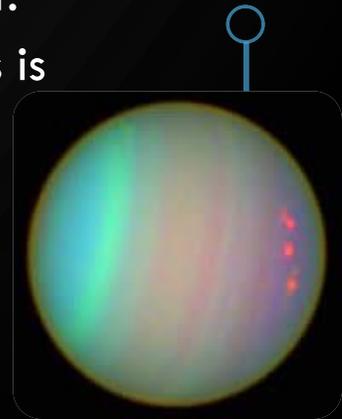


- A constellation is a group of stars that makes a pattern. One specific constellation is the big dipper.

INNER AND OUTER PLANETS



- The inner planets are the four closest planets to the sun and the outer planets are the four farthest planets from the sun. One of the inner planets is Mars and one of the outer planets is Uranus. Mars's diameter is 6794 km. or 4,222 miles and Mars's temperature can reach a high of about 70 degrees Fahrenheit. Mars is about 141.6 million miles from the sun. Mars is also a rocky planet, its atmosphere is made out of dust thrown up from the surface. There are violent dust storms on Mars and it has a very weak gravity. Uranus's diameter is 51,120 km. or 30,775 miles. Its temperature can reach a low of -224°C . Uranus is 1,787,000,000 miles from the sun. Uranus has 27 moons and the winds blow at an average of 512 miles an hour. Mars and Uranus are different because Uranus has rings and Mars doesn't have any. Mars is being explored (by a robot) and Uranus is not.



COMETS AND METEORS



- A comet is a ball of ice and gas, and when near the sun has a tail. A meteor is a piece of matter that enters the atmosphere appearing as a streak of light. The difference between a meteor, meteorite, and a meteoroid is a rock that enters earths atmosphere and usually dissolves before it hits the ground, a meteorite is a piece of a meteoroid that hits the ground, and a meteoroid doesn't hit the ground.

Meteoroid hit in Arizona



GRAVITY

- Gravity is the force pulling matter downwards. It impacts humans on earth because if you jump it pulls you back down, it also impacts us because gravity keep the planets in the orbit of the sun. Your weight varies because of the amount of force. Example on Mars you would weigh less because the force of gravity isn't as strong there.



TECHNOLOGY

- One piece of technology in space is a satellite. A satellite is a man made object sent into space to orbit a planet and collect information. A satellite benefits humans by being able to know dangers in space. They also help televisions and telephones work. Another piece of technology in space is a rover. A rover helps by being able to travel to other planets and to be able to collect information about other planets.



FUN FACTS

Almost every star in the milky way has a planet orbiting it.

On the right there are pictures of a man skydiving.

He jumped from space to earth making the world record for the longest sky dive.

Curiosity has been on Mars for about 2 years and 8 months



Works Cited

I Like
Space

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<http://www.planetsforkids.org/planet-uranus.html>

<http://planets.findthedata.com/compare/4-7/Mars-vs-Uranus>

<http://www.qrg.northwestern.edu/projects/vss/docs/space-environment/1-what-is-gravity.html>

ANY QUESTIONS???