

Solar system

By Morgan



Stars

- ▶ Stars are mostly made out of helium hydrogen, and gas. Stars are classified by color like blue, blue white - white, yellow, orange - red, and red. Scientists also classify stars by size, brightness, and temperature. A constellation is a picture in the sky and Indians made up stories about them. Have you ever looked up at the night sky and saw a animal or object if you have it is called a constellation. Maybe it looked like a bear or a pot. If it looked like a pot it is ether the big dipper or the little dipper.



Sun

▶ Did you know that you can fit 1 million Earth's into the sun?. Did you also know that the sun's surface area is 11,990 times the Earth's surface. The sun is 4.6 billion years old and it is a yellow dwarf (G2V) the diameter is 1,392,684 km. The sun's mass is 333,000 times the Earth's mass. The Earth is 11,760 Earths away from the sun. The solar eruptions are so big they can be in the terms of the Earths itself. The Earth is also 150 kilometers away from the sun. when the high speed and the high energy particles of a solar eruption reach the Earth, they light up the night sky with fantastic and colorful auroras.



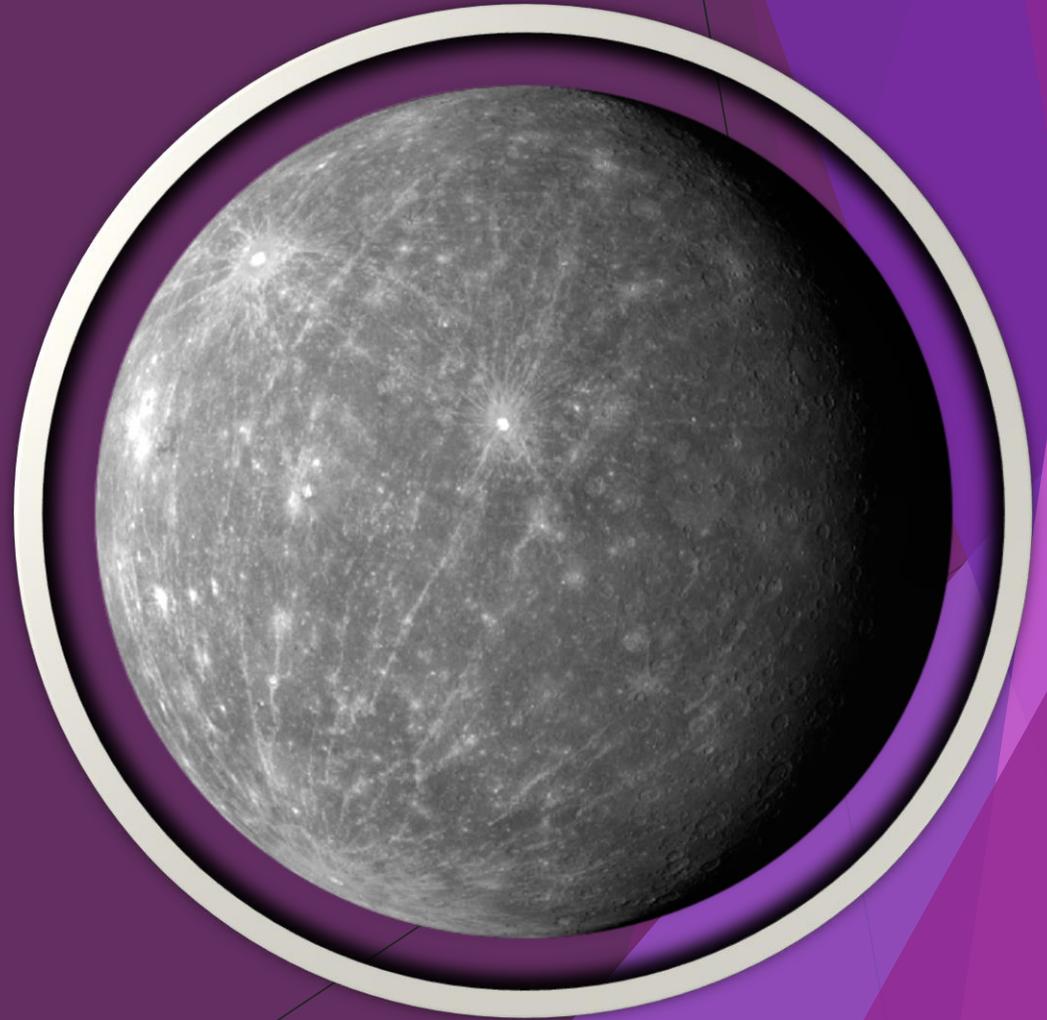
Outer Planet

Saturn is the sixth farthest from the sun. The slow movement against the backdrop of the stars earned its nickname *lubadsagush* it means the oldest of the old. Saturn rings are mostly made out of chunk of ice and carbonaceous dust. Saturn's ring are 120,700 km from the planet, but the rings are amazingly thin: its only 30 meters thick. Outer planets are far from the sun. Saturn is a gas giant and it is also 290 degree Fahrenheit.



Inner Planet

- ▶ Mercury is the is the closest to the sun. Mercury's exact date of it's discovery is unknown. Mercury only has 4,879 kilometers across the equator, compared to 12,742 kilometers to the earth. Mercury is the fifteenth most brightest star. Inner planets are close to the sun. Mercury is a rocky planet and it is 801 Fahrenheit.



Comets and Meteors

Comets form a body that is mostly made out of ice and it's mixed with dust and rocks. The Comets main part of its body is called a nucleus. It can contain water, methane, nitrogen, and different types of ice. The difference between meteor, meteorite, and meteoroid is that they are in different places in space. Halley's comet arguably is the most famous comet. Halley's comet returns to the earth about every 75 years. Making it where a human can see it twice in their life time.



Gravity

If we didn't have gravity we would be floating. like if you are in space it has no gravity so you would be floating like on the image on the side. Gravity makes it where we stay down on earth. If we didn't have gravity you would weigh like nothing. Since we do we weigh way more then we would with out it. Gravity helps us get to places like our houses then our house would be floating and it would move to difference places and it would be harder to find. On the moon I would white a lot.



Technology

If we didn't have a phone we wouldn't ever be able to look up facts. We would have to always have to go to the library and the library does not always have our answer. If we did not have any technology or the telephone there would be no communicating the only way to communicate is by letter. And we would have to figure out a different way to help sick people. Scientist are trying to figure out different ways to use devices like computers. So everyone in the world knows how to help people instead of going to the doctors office and asking for help. We would not be orbiting the sun.



