

The Solar System

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Stars



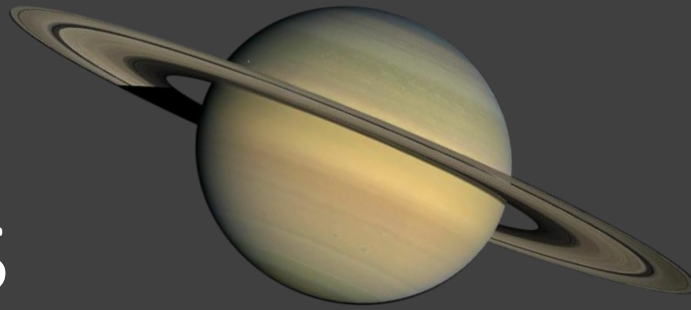
A star is a big ball of gas. Stars are classified by size, colors, brightness, and temperature.

Inner Planet



An inner planet is Mars. Its temperature is -87 to -5 $^{\circ}\text{C}$. Its equatorial diameter is $6,792\text{km}$. Mars is a rocky planet. Mars is 142 million miles from the sun. Two interesting facts are firstly Mars takes its name from the Roman god of war, and Mars has the largest dust storms in the solar system. The atmosphere is made of carbon dioxide, nitrogen, argon, oxygen, carbon monoxide, water vapor, and nitric oxide.

Outer planets



One outer planet is Saturn. The diameter is 120,536 km. its surface temperature is -139°C . Saturn is 1,426,666,422 km from the sun. Saturn is a gas giant. Two interesting facts are firstly Saturn has seven rings, secondly Saturn has 150 moons. The atmosphere is made of approximately, hydrogen, and helium.

Comparing and contrasting mars and Saturn

Mars

Saturn

- ❖ Mars has no rings
- ❖ Mars is a rocky planet
- ❖ Mars weather is -87 to -5 °C
- ❖ Mars is 142 million miles from the sun

- ❖ They're both planets
- ❖ They both have moons
- ❖ They're both in the galaxy

- ❖ Saturn has rings
- ❖ Saturn is a gas giant
- ❖ Saturn weather is -139 °C.
- ❖ Saturn is 1,426,666,422 km from the sun

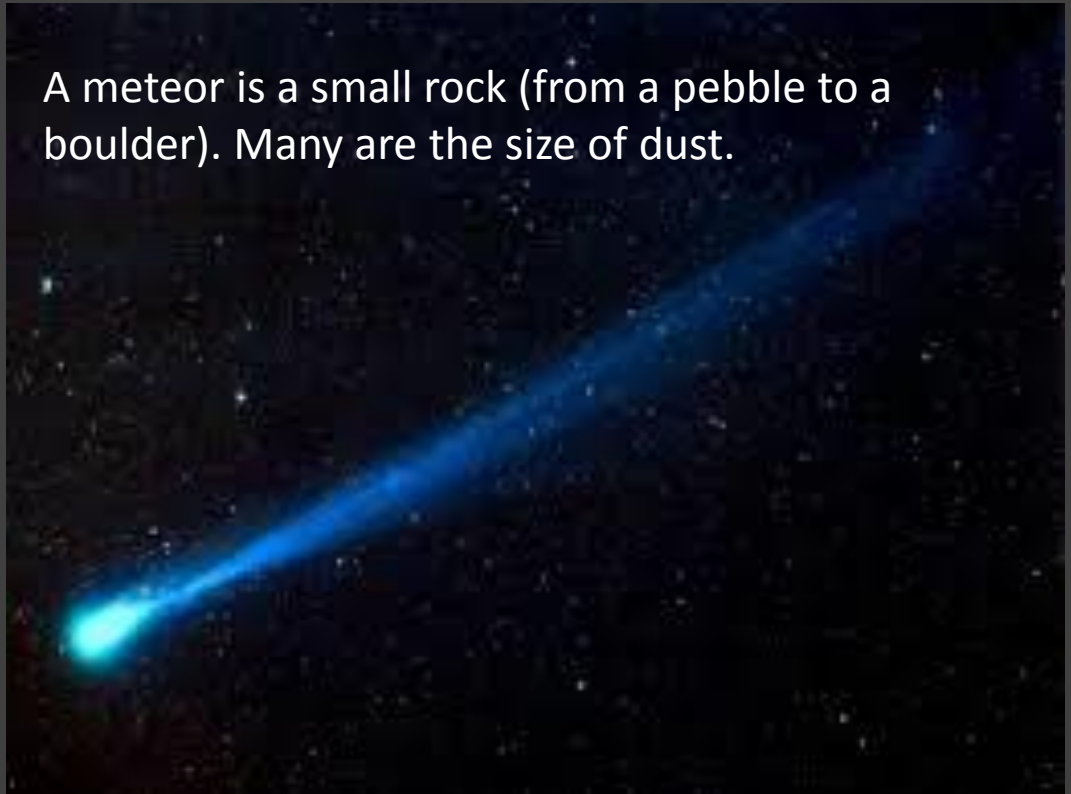
Both

Comets and Meteors

A comet is a very small mixture of ice and a small amount of dust.



A meteor is a small rock (from a pebble to a boulder). Many are the size of dust.



Gravity

Gravity is a force that pulls down matter. How it impacts human is if we didn't have gravity we would just float in mid air. How my weight would vary on other planets is I would float and be light as a feather, or be as heavy as a boulder and it would be hard to move.

The Technology

An example of outer space technology is a space suit and it helps astronauts repair the space ship. It also helps humans by keeping them alive in outer space because if you were in outer space without a space suit you would die from lack of oxygen.



Works Cited

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