

What star is the center of our solar system?

The Sun

How hot is the Sun?

27 million degrees

What natural object orbits planet Earth?

The Moon

How does a total eclipse make it dark in the middle of the day?

The Moon passes between the Sun and the Earth, which temporarily blocks light

What celestial body has a fiery long tail?

A comet

How many planets are in our solar system?

Eight

Do all of the planets orbit the Sun?

Yes, but only the planets in our solar system

Are there planets in other solar systems?

Yes

What are planets made of?

Rocks or gas

Is the Sun a star?

Yes

The Big Dipper and Hercules are examples of what star formation?

Constellations

What object in our solar system has the most mass?

The Sun

What do you call an asteroid the falls all the way to Earth?

A meteorite

What do you call an object that is in orbit around a planet or the Sun?

A satellite

What kind of orbit does a comet have?

Elliptical

Asteroids are made of what?

Rock and metal

Where is the asteroid belt located in our solar system?

Between Jupiter and Mars

What year did astronauts first step onto the Moon?

1969

What happens when the orbit of the Moon passes between the Earth and the Sun?

**An eclipse**

Halley's, Hale-Bop and Kohoutek are what?

**Comets**

What makes the Moon shine at night?

**It reflects light from the Sun**

What is a shooting star?

**An asteroid that hits Earth's atmosphere**

What causes craters?

**Meteorites**

What are satellites used for?

**Spying, TV and communication**

Which object in our solar system has more mass than every other object in the system combined?

**The Sun**

How many stars can you see in the night sky?

**Millions**

What happens when an asteroid hits Earth's atmosphere?

It catches on fire and becomes a shooting star

How fast do satellites orbit the Earth?

**17,000 miles an hour**

Why are asteroids sometimes called the minor planets?

**Some are very large**

What do you call a group of meteors?

**A meteor shower**