

What is Astronomy?

Astronomy is one of the oldest sciences in the world. The study of astronomy involves all of the objects outside Earth's atmosphere. These include the sun, Moon, planets, stars, galaxies, and all other matter in the **universe**. People known as astronomers have studied these objects for thousands of years.

Most of the universe's objects are located in galaxies. The galaxies are huge groups of stars along with gas and dust. Some galaxies contain as many as a trillion stars. The smaller galaxies may have fewer than a million stars. The planet Earth is located in a galaxy called the Milky Way. One of the stars in that galaxy is the sun. Earth and the other planets revolve around the sun. Satellites, or moons, revolve around the planets. Smaller objects, asteroids and comets, also orbit the sun. All of these bodies make up the **solar system**.

<https://kids.britannica.com/kids/article/astronomy/352798>


Here are some fascinating astronomy facts:

1. Our sun is one of over 100 billion stars in the Milky Way galaxy, and the Milky Way is one of over 100 million galaxies in the universe.
2. The planet Saturn would float on water - it's the only planet in our solar system that would.
3. The black hole in the center of the Milky Way galaxy is millions of times the mass of the sun.
4. The planet with the hottest surface temperature is not Mercury, but Venus, because of the Greenhouse Effect of its atmosphere.
5. A car ride to the nearest star at 70mph would last over 356 billion years.
6. The other galaxies in the universe are moving away from us, and some are millions of light years away.
7. Earth is the only known planet with plate tectonics.
8. Only one two-billionth of the sun's energy hits Earth.
9. Venus spins backward on its axis.
10. Neutron stars, which are leftover from the deaths of massive stars are so dense that just a bowlful of neutron star material has more mass than the Moon.



<https://adastra.fit.edu/blog/floridatechbound/13-fascinating-astronomy-major-facts/>

Astronomy KWL

What I K now about Astronomy	What I W ant to learn about Astronomy	What I L earned about Astronomy
		

Trides

Astronomy

IMPACT

URANUS

Jupiter Saturn

MERCURY EARTH MOON

VENUS

MARS

LYNAR

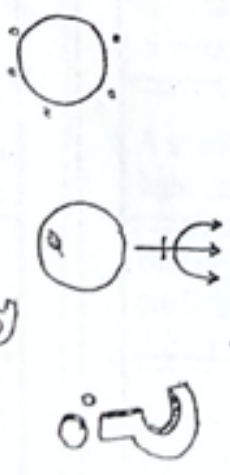
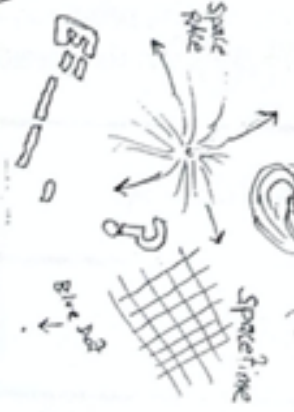
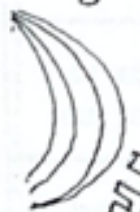
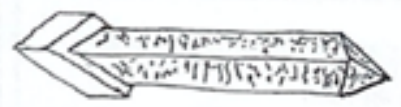
SOLAR

PHASES

DWARF



Not gas but



H₂O, D₂O

