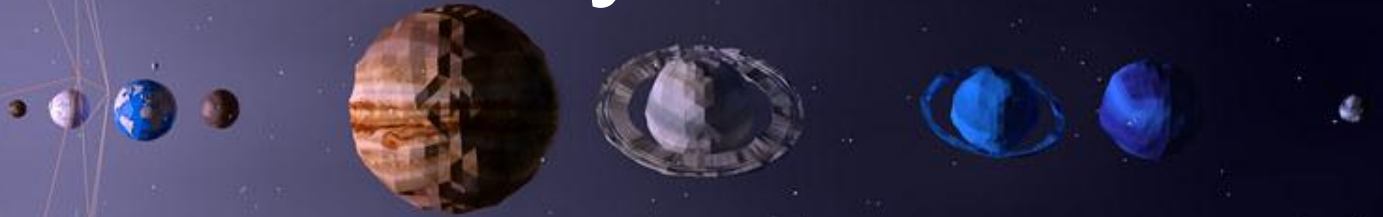


The Importance of Our Solar System



Zainab Merhi

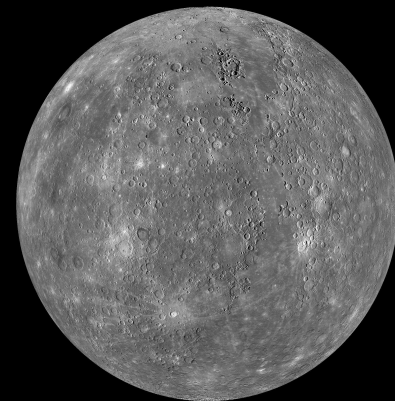
Introduction

My topic is about what makes the planets important. The reason I choose this is because I am not familiar with the other planets and I would like to learn more about them.

It's not only important to know how many planets we have but what makes each one unique.

Mercury

- A year on Mercury is 88 days! Here on Earth we have 365 days a year.
- Even though Mercury only has 88 days a year, a day on Mercury is equal to 176 days on Earth!
- Mercury is the smallest planet out of all the planets in the Solar system.
- It is also the second hottest planet after Venus.
- Mercury is the closest to the sun and has 0 moons.



Venus

- Since the sun is the brightest object in the sky, Venus is the second brightest!
- Venus is also is the hottest planet out of all the planets.
- A day on Venus is longer then a year on Earth. A day on Venus is 243 Earth days.
- A year on Venus is 225 Earth days, therefore a day on Venus is longer than a year on Venus.
- Venus is sometimes referred as “Earth’s sister.”
- Majority of the planets rotate counter-clockwise on their axis, but Venus rotates clockwise.
- Venus has the closest distance to Earth.



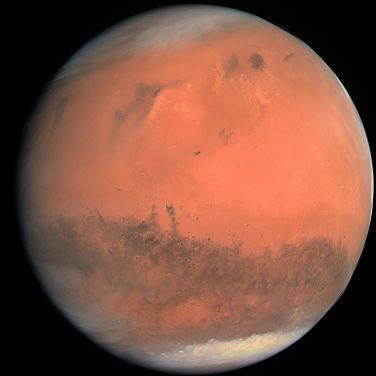
Earth

- The only planet that can sustain life is Earth.
- It is the third planet away from the sun.
- 71% of the Earth is water and 29% percent is land.
- Earth has 1 moon the revolves around it.
- Earth rotates on its axis.
- Earth was the only planet that wasn't named by the goddess and has a "sister" named Venus.



Mars

- Mars and Earth have the same landmass on their planets.
- There are so much dust storm over on Mars.
- Not many missions on Mars had been successful.
- Mars is the fourth planet away from the sun
- Mars has the tallest mountain in the Solar system.
- It is reffered sometimes as the “red planet.”
- Mars is more than 4 billion years old.



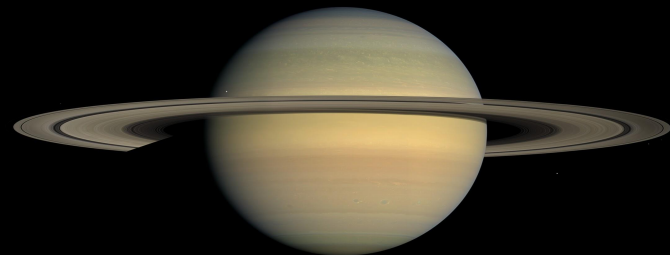
Jupiter

- Jupiter is the oldest and largest planet in our solar system. It is the 5th planet from the sun.
- Jupiter can not become a star and rotates the slowest among all the planets.
- Jupiter has multiple rings.
- Jupiter has 67 moons.



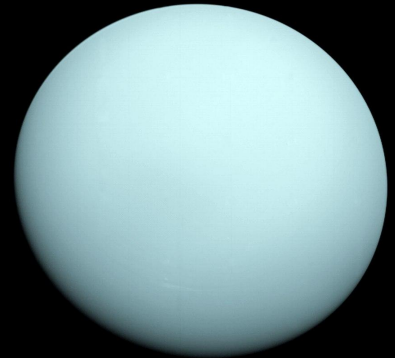
Saturn

- Saturn is the 6th planet away from the solar system.
- It is a flat ball and has 62 moons.
- Saturn is 4 billion years old.
- Saturn has not been visited a lot; only 4 times.
- Saturn is the largest after Jupiter.
- You can't stand on Saturn.
- Saturn could be in the water.



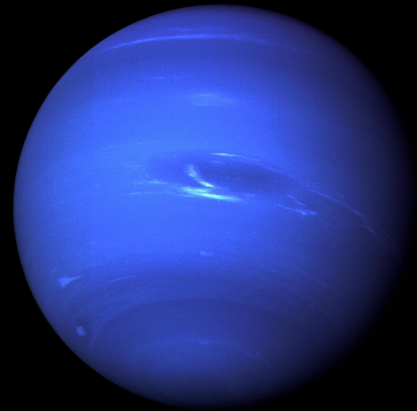
Uranus

- Uranus was discovered in the late 1700's.
- Uranus is known as the ice planet.
- Uranus has 27 moons.
- Uranus is 4 billion years old just like all the other planets.
- Uranus is the 7th planet away from the sun.
- A season on Uranus is one long day (42 years.)
- Uranus has rings like Saturn and Jupiter.
- Uranus was the first planet discovered.



Neptune

- Neptune is the farthest from the sun.
- A year on neptune is 165 years on Earth.
- Neptune has rings and has 14 moons.
- Neptune is known as “ice giant.”
- Uranus and Neptune are sometimes known as ice giants.
- It takes 160 for Neptune to orbit.
- Neptune spins on its axis rapidly.



Conclusion

I learned many interesting facts about the planets and now I realize how different and unique each planet is. I also found out that almost every planet has special qualities like specific rotations and many moons.

I also found out when I was researching that each planet is much older than I thought. I also found out a day, or a year on other planets is not the same as on Earth. So there are many differences throughout each planet. I guess I can say that I was wrong thinking that each planet is only unique and different because of how it looks but there is a lot more than just looks! Each planet is important in its own way.