



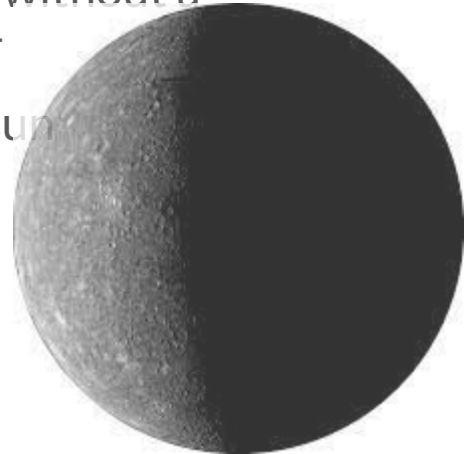
Solar System

By: Abi, Ashley, Hiba,
Luna, Jen, and Ashantie

Grades K-6

Mercury

- The smallest and fastest planet that orbits the sun at 88 earth days.
- The surface of mercury temperatures are extremely hot and cold. The temperature during the day can reach highs of 800°F and without an atmosphere to hold in heat it can drop to as low as -290°F
- 36 million miles or 0.4 astronomical units away from the sun
- Has no moons and no rings
- Named after the fastest Roman God
- Two NASA Missions have explored Mercury



Venus:

- Distance from the sun is 66.868 million miles
- A day on Venus is longer than a year
- Venus is hotter than Mercury. Although Venus is fur sun. This is because the atmosphere traps the heat.
- The radius of the planet is 3,760 miles.





Earth

- 71 percent of earth's surface is water
- Includes 5 oceans - Earth's surface is mainly water
- Earth isn't actually round
- The earth is more than 4 billion years old





Mars

- Fourth planet from the sun, 142 million miles or 1.52 AU
- One day on mars is 24.6 hours, one year is 687 Earth days
- Named after ancient romans for the god of war since the
them of blood

two moons Phobos and Deimos and no rings

the largest volcano in the solar system, olympus mon



Jupiter

- Distance from the sun- 460.52 million miles
- Jupiter is the largest planet in the solar system. It is covered in a swirling cloud. It has big storms like the great red spot
- The circle designs in the planet are storms- the huge storm has continued to shrink



<https://www.nasa.gov/all-about-jupiter/en/>



Saturn

- Saturn Distance from the sun: 910.1 million miles
- The second largest planet in the Solar System
- The rings of saturn are not solid. They are made of ice and rock.
- Saturn is made up of gas



Uranus

- seventh planet from the sun, 2.9 billion kilometers
- Days are 17 hours long, and it takes 84 earth years to cc
- Has 27 known moons, 13 know rings
- Ice Giant
- Named after the greek god of the sky
- Voyager 2 is the only spacecraft to fly by
- Fun Fact: rotates on its side



Neptune

- The eighth planet from the sun, 2.8 billion miles away or 30 AU
- Named after the roman god of the sea
- One day is 16 hours and one year is 165 Earth years
- Has 14 moons, has 5 main rings and 4 prominent ring arcs
- An Ice Giant planet
- Only been study once by NASA Voyager 2
- Fun fact: Windiest planet in the solar system







Sources

[Home - NASA Solar System Exploration](#)