

Mercury



- 1. Smallest Planet:** Mercury is the smallest planet in our solar system. It's even smaller than some moons in our solar system, like Jupiter's moon Ganymede and Saturn's moon Titan.
- 2. Closest to the Sun:** Mercury is the closest planet to the Sun in our solar system. Because of its proximity to the Sun, its surface gets extremely hot during the day, but it can get very cold at night because it has almost no atmosphere to trap heat.
- 3. Fastest Orbit:** Mercury orbits the Sun faster than any other planet in our solar system. It takes just about 88 Earth days for Mercury to complete one orbit around the Sun.
- 4. Rocky Surface:** Mercury has a rocky surface with lots of craters, mountains, and valleys. Some of these features were created by impacts from asteroids and comets crashing into the planet's surface.
- 5. No Atmosphere :** Unlike Earth, Mercury has almost no atmosphere. This means there's no air to breathe, and it also means that there's nothing to protect the surface from the Sun's intense radiation and solar wind. As a result, Mercury's surface is heavily scarred by the Sun's heat and solar particles.