

## **Planet Cards**

Mercury	First (closest) planet from the Sun; has a rocky surface with many craters; looks like the Moon; inner planet, fastest revolution (88 days); has the most extreme temperatures; smallest planet; no moons
Venus	Second planet from the Sun; hottest planet; craters; a little smaller than Earth; one of four rocky inner planets; rotates backwards; longest day (243 Earth days), which is even longer than its year (225 Earth days); no moons
Earth	Third planet from the Sun; only planet that has life; a few craters; densest; only planet that has water as solid, liquid, and gas; one Moon; thin atmosphere; layers are core, mantle, and crust; ice at poles
Mars	Fourth planet from Sun; the "Red Planet" (due to iron oxide, or rust, in soil); ice at its north pole; craters; largest volcano and biggest valley; inner planet; two moons; scientists believe it once had flowing water in its ancient past that is now dried up



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Jupiter	The fifth planet from the Sun; first of the outer planets; largest planet; "gas giant"; famous for Great Red Spot; small ring system (not pictured); has most moons (more than 63); shortest day (10 hours)
Saturn	The sixth planet from the Sun; outer planet; gas giant; largest rings; the least dense planet; 60+ moons; second largest planet
Uranus	The seventh planet from the Sun; outer planet; a gas giant that rotates sideways; small ring system that is vertical since Uranus is tipped on its side; has 27 moons
Neptune	The eighth and farthest planet from the Sun; outer planet; a gas giant whose orbit crosses the orbit of the dwarf planet, Pluto; longest year; small ring system; 13 moons