

WHAT KINDS OF EXOPLANETS HAVE WE FOUND?

While we've found some exoplanets similar to planets in our Solar System, we've discovered far more that are nothing like the planets we know.



Super-Earths

Rocky planets much bigger than Earth but likely too close to their star to support life.



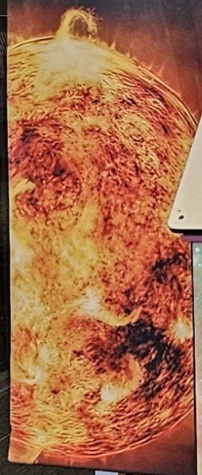
Hot Jupiters

Gas giant planets orbiting very close to their star.



Rogue Planets

Planets that were kicked out of their solar system by gravity and now wander far from their original home.



WE ARE NOT ALONE

The 8 planets (sorry, *Pluto*) in our Solar System have billions of cousins not just in our own Milky Way Galaxy, but throughout the entire universe!



Artist's concept of TRAPPIST-1, a distant solar system with 7 Earth-sized planets. The smaller dots indicate that many of the TRAPPIST-1 planets are in the habitable zone, where life could potentially exist.

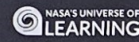


"There are infinite worlds both like and unlike this world of ours. We must believe that in all worlds there are living creatures and plants and other things we see in this world."
-Epicurus, Greek Philosopher, 300 BCE

Artist's concept of Kepler-10b, the first Earth-sized exoplanet found in the habitable zone, the area around a star where life could develop.



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