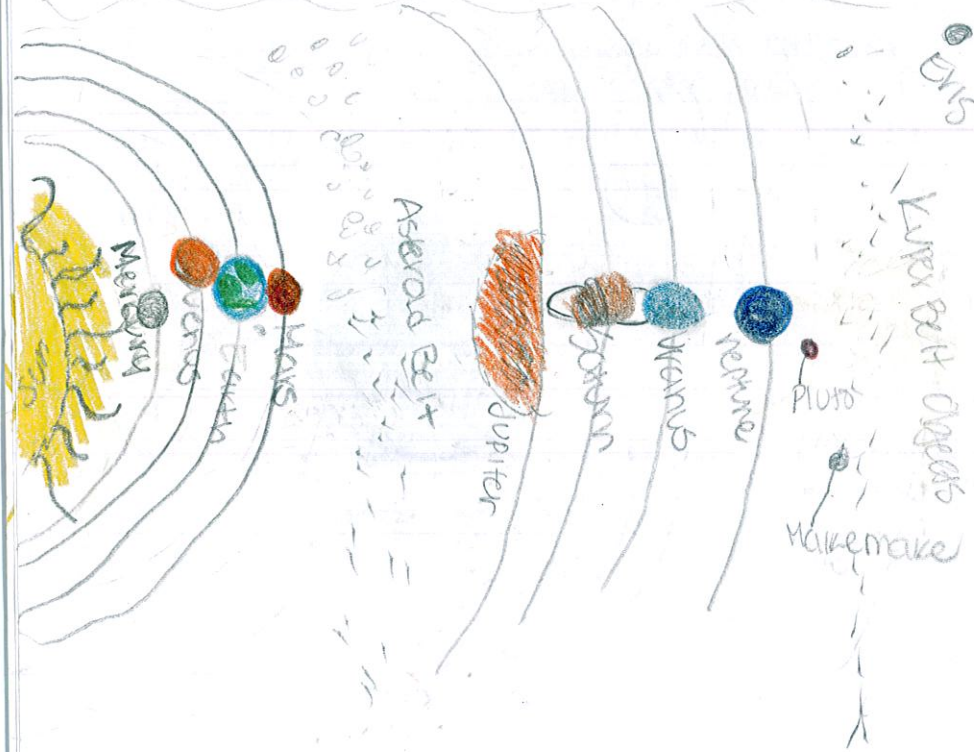


# What are the Parts to our Solar System?

The parts to our solar system include the sun, mercury, venus, Earth (and moon), Mars, Asteroid belt, Jupiter, Saturn, Uranus, Neptune, Pluto, Makemake, Eris, and the Kuiper Belt objects.



## Solar System

Why Don't Planets Fly off in outer Space? What keeps the Planets in orbit? Page 17

Why do the Planets Keep Rotating and Revolving? Why Don't they Stop Moving?

A Fidget spinner eventually stops moving, why doesn't the earth?

Planets don't fly off in outer space because there are forces or factors that keep planets and the moon in place. The force or factors is the sun's gravity pulling the planets towards it. Page 16

What keeps the planets in orbit is inertia which is when objects keep moving until something forces it to stop. Same with why Planets Rotate and revolve, an object that is at rest will stay at rest and a object in motion will continue at the same speed and direction until a force stops it. They don't stop moving because no force is causing them to stop. A fidget spinner will eventually stop moving because the air around it is friction and slows the fidget spinner down while the earth does not slow down from this.



This diagram shows the planets and the moon in orbit around the sun and the sun's gravity keeping them in place.

