

# Understanding the Origin of the Solar System

How does each observation support or is explained by the nebular model of solar system formation?

1. We have different kinds of planets distributed differently in solar system:  
terrestrial:

Jovian:

2. We have an Asteroid Belt between Mars and Jupiter

3. The overall density of the Earth is roughly the same as the overall density of meteorites.

4. The surface rocks of the Earth are different than meteorites.

5. All the planets go around the Sun the same direction in roughly circular orbits.

6. Most of the mass of the Solar System is at the center.