**Solar System Formation Steps!**

1. “Solar Nebula:” A large area of gas and dust forms. Made up of 98% Hydrogen and Helium, along with smaller amounts of heavier elements.
2. Solar Nebula (gas/dust clump) starts collapsing and the center gets VERY hot and dense. The rest of the atoms start revolving around the center to form a large disk.
3. Atoms of dust and metals in the disk start to stick together, and then collect more and more dust and metals because of gravity.
4. The new clumps of rock eventually become very large (planets), and start to follow regular orbits around the central star (the sun). Sometimes smaller rocks run into the planets and break chunks off, becoming moons.