Name: _____

A Totally Tourist Tour of Our Solar System

	The Terrestrial Planets (also known as the Rocky Planets or the Inner Planets)				The Jovian Planets (also known as the Gas Giants or the Outer Planets)			
	Mercury	**Venus**	**Earth**	**Mars**	**Jupiter**	**Saturn**	**Uranus**	**Neptune**
Origin of name								
Symbol used to represent planet								
Distance from sun (km)								
Distance from the sun (A.U.)								
Diameter of planet (km)								
Gravity (cm/s^2)								
Density (g/cm^3)								
Length of orbit (km)								
Length of 1 year on the planet (Earth days)								
Length of 1 day on the planet (Earth hours)								

	The Terrestrial Planets				The Jovian Planets			
	Mercury	**Venus**	**Earth**	**Mars**	**Jupiter**	**Saturn**	**Uranus**	**Neptune**
Does it have an atmosphere? If so, what is it composed of?								
Temperature range (°C)								
Terrain								
Major surface features								
Does it have a ring system?								

	The Terrestrial Planets				The Jovian Planets			
	Mercury	**Venus**	**Earth**	**Mars**	**Jupiter**	**Saturn**	**Uranus**	**Neptune**
Number of moons (to date)								
Name of the moons								
Other totally interesting information								
How long would it take to get there from Earth?								
Your age ("years") if you had been born there								
Your weight on the surface (lbs)								

Totally Tourist Tour of Our Solar System

Attention all space travelers, welcome aboard Spaceship Earth. We are currently traveling at our cruising speed of 108,000 km/h. Although our spaceship is relatively small, only 12,756 kilometers in diameter, it will be our only resource on this leg of our journey. In a few minutes you will travel thousands of virtual kilometers through our planetary neighborhood. Although the ride is long, you should experience no motion sickness. If you begin to feel a little queasy just turn your eyes away from the ships projection screen and focus on another instrument panel a few meters away.

Sit back, relax and enjoy the view. Don't forget to fill in your chart documenting your trip!

Some "fuel" to help get you started:

1. **Tour of the Solar System**
   http://www.bbc.co.uk/science/space/solarsystem/

2. **The Nine Planets:**
   http://nineplanets.org/

3. **NASA Jet Propulsion Laboratory:**
   http://www.jpl.nasa.gov/solar-system/

4. **Your Age on Other Planets**
   An earth day is about 24 hours long, and an earth year is about 365 days long. Days and years on other planets are different. Some planets have very long days or years, and some are very short.
   http://www.exploratorium.edu/ronh/age/

5. **Your Weight on Other Planets**
   If you jump up as hard as you can, gravity pulls you back down to the earth. If you were standing on another planet and jumped up, you might be able to jump higher, or maybe not as high.
   How strong the pull feels depends on how big the planet is. On planets with more mass than earth, you would feel heavier, and on planets with less mass you'd feel lighter. (Mass just means the amount of "stuff" the planet is made of.
   http://www.exploratorium.edu/ronh/weight/

6. **StarDate Online**
   http://stardate.org/resources/ssguide/planet_form.html