

FREE educational resources and activities

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for your own personal use or classroom.

Hope it works out great!



MARIE - CREATOR OF





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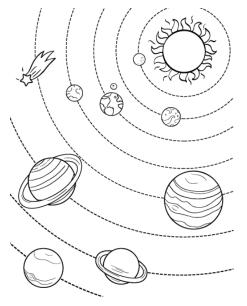
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### Our Solar System

- Our solar system is just one amongst millions in the Milky Way galaxy.
- It consists of the sun, planets, and thousands of other satellites.



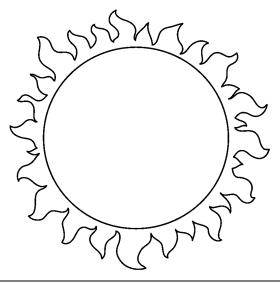
# Mercury

- Terrestrial planet
- Closest planet to the Sun
- Smallest planet, but 2<sup>nd</sup> densest
- Thinnest atmosphere
- Planet of extreme hot and cold temperatures



### Sun

- Center of our Solar System
- Planets revolve around the Sun in orbits
- Medium sized star
- Provides Earth with light, heat, and all the energy we need



## Venus

- Terrestrial Planet
- Nicknamed "Morning Star" and Earth's twin
- Thickest atmosphere causes Greenhouse Effect
- Hottest planet
- Retrograde Rotation



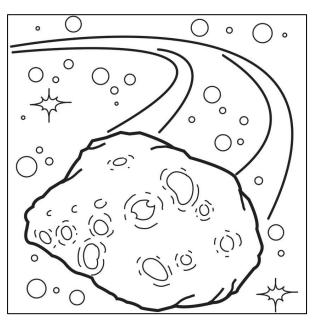
### Earth

- Terrestrial Planet
- Most dense planet
- 4 distinct seasons
- Has atmosphere, water, and air to breathe
- Has life
- 1 satellite



# Asteroid Belt

- Comprised of small, rocky, and metallic bodies that orbit the Sun
- Mainly in-between the orbits of Mars and Jupiter



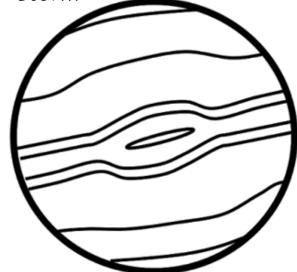
## Mars

- Terrestrial Planet
- Nicknamed Red Planet
- Ice at its poles
- Has seasons like Earth
- Largest known volcano called Olympus Mons
- 2 satellites



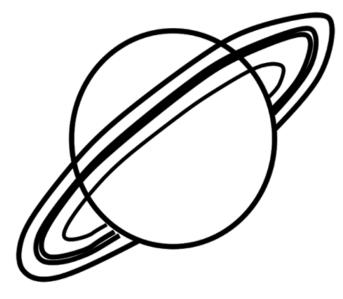
# Jupiter

- Gas Giant
- Most Massive Planet
- Its mass pulls natural satellites (moons) to orbit it
- Over 75 satellites
- <u>Great Red Spot:</u> ongoing storm



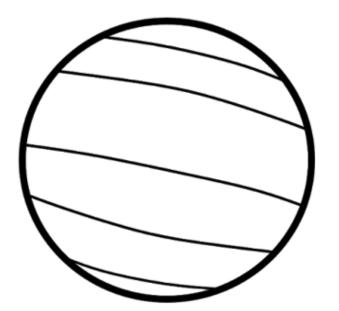
### Saturn

- Gas Giant
- Least Dense Planet
- Most Spectacular feature is its rings
- Has the most satellites
- Over 80 satellites



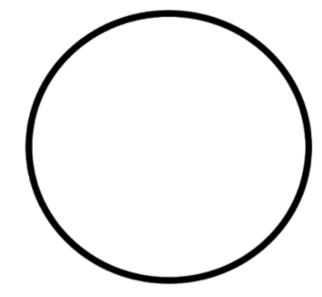
#### Neptune

- Gas Giant
- Furthest planet from the sun
- Visible Clouds
- 6 known rings
- 14 known satellites



### Uranus

- Gas Giant
- Rotates on its side
- Blue appearance from methane gas in atmosphere
- 27 known satellites
- 13 known rings



### Moon

- Also known as "Luna"
- Only natural satellite of Earth
- 2<sup>nd</sup> brightest object in sky
- Same side of the moon always faces Earth
- Causes tides on Earth

