



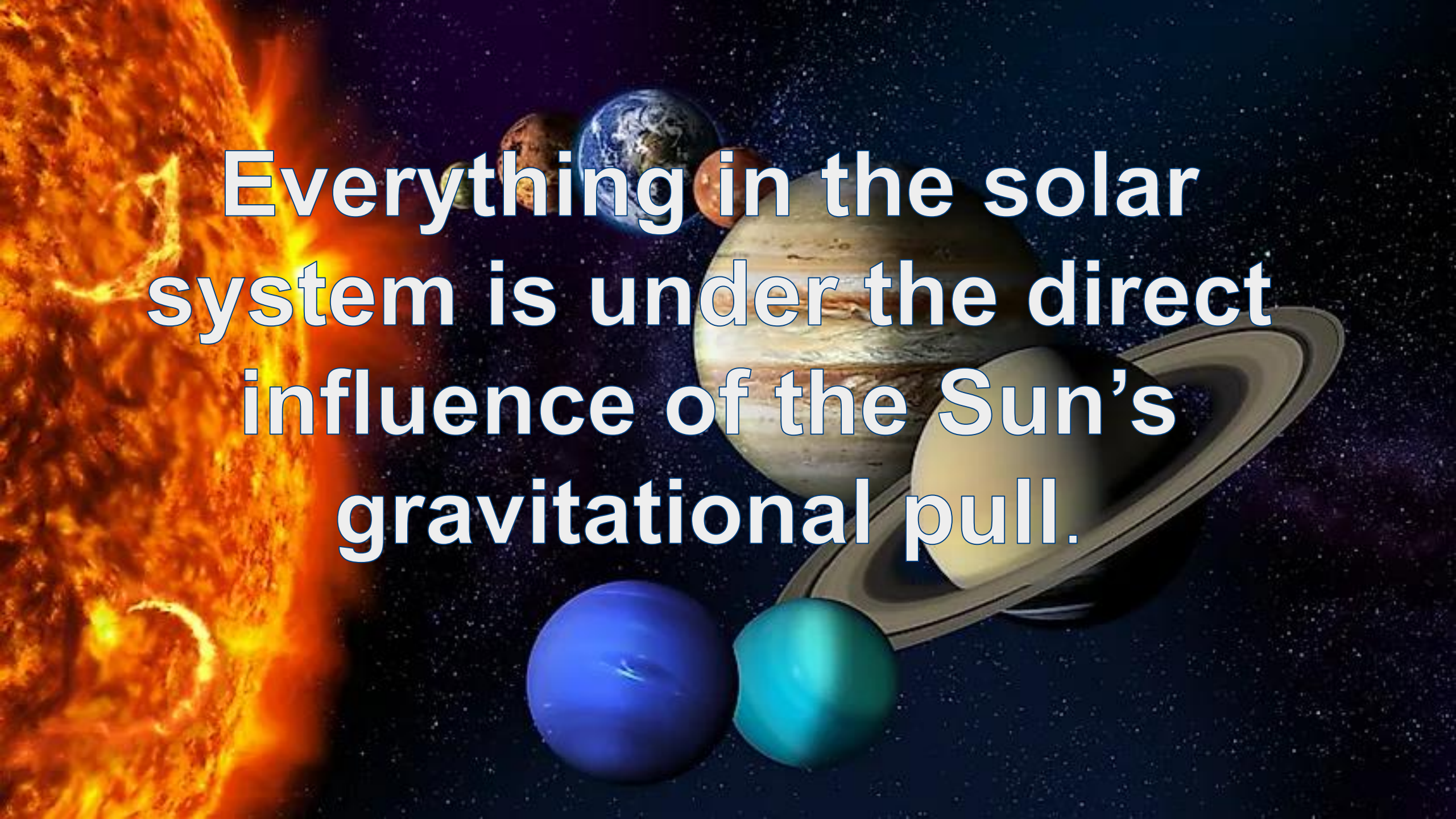
Scientific project 2

THE SUN

THE SUN

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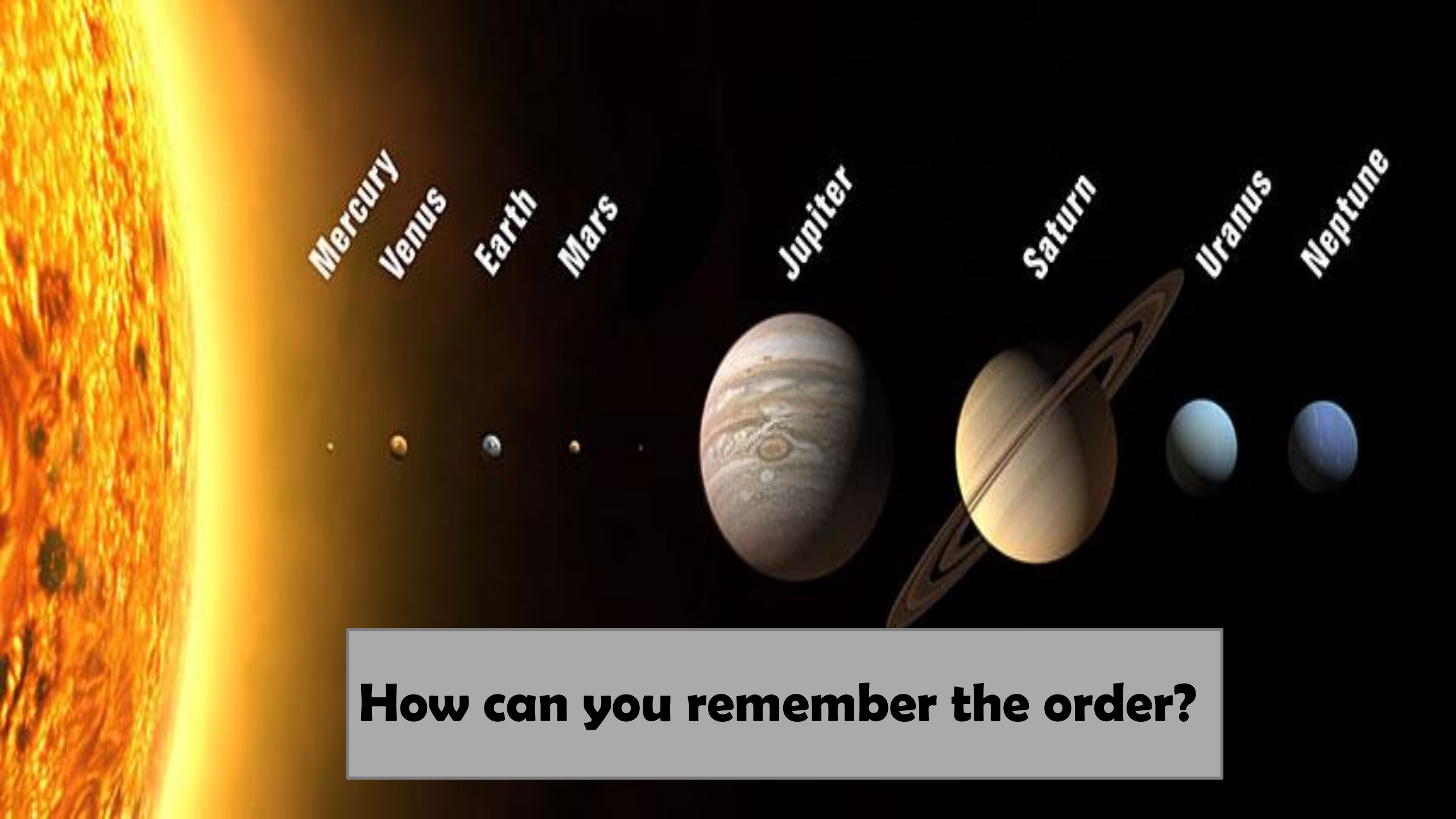


A composite image of the solar system. On the left is a large, fiery orange and yellow Sun. To its right, a line of planets extends into space: Mercury (small grey), Venus (yellowish), Earth (blue and white), Mars (red), Jupiter (large with bands), Saturn (with rings), Uranus (blue), and Neptune (teal). The background is a dark blue space filled with stars.

Everything in the solar system is under the direct influence of the Sun's gravitational pull.



THE PLANETS



Mercury

Venus

Earth

Mars

Jupiter

Saturn

Uranus

Neptune

How can you remember the order?

My
Very
Educated
Mother
Just
Served
Us
Nine
pizza

Mercury
Venus
Earth
Mars
Jupiter
Saturn
Uranus
Neptune



Mercury

- - Closest to the Sun, it has extreme temperature variations, from scorching hot to freezing cold.
- - Highest and lowest surface temps: 427°C to -173°C



Venus

- -Known as Earth's "sister planet" due to its similar size and composition, but it has a thick, toxic atmosphere.
- -Thick Atmosphere: 96% Carbon Dioxide



Earth

- Third planet from the Sun
- The only planet known so far to support life, with a diverse range of ecosystems and species.
- It has a unique feature, the presence of liquid water on its surface, essential for life as we know it.



Mars

- - Often called the "Red Planet" due to its rusty appearance caused by iron-rich soil and rocks.
- - It has the largest volcano in the solar system, Olympus Mons, and the deepest canyon, Valles Marineris.
- - Surface Temp: -50°C to -123°C

Jupiter

- - Fifth planet from the Sun
- - The largest planet, more massive than all the other planets.
- - It has a prominent feature called the Great Red Spot, a massive storm that has been raging for centuries.



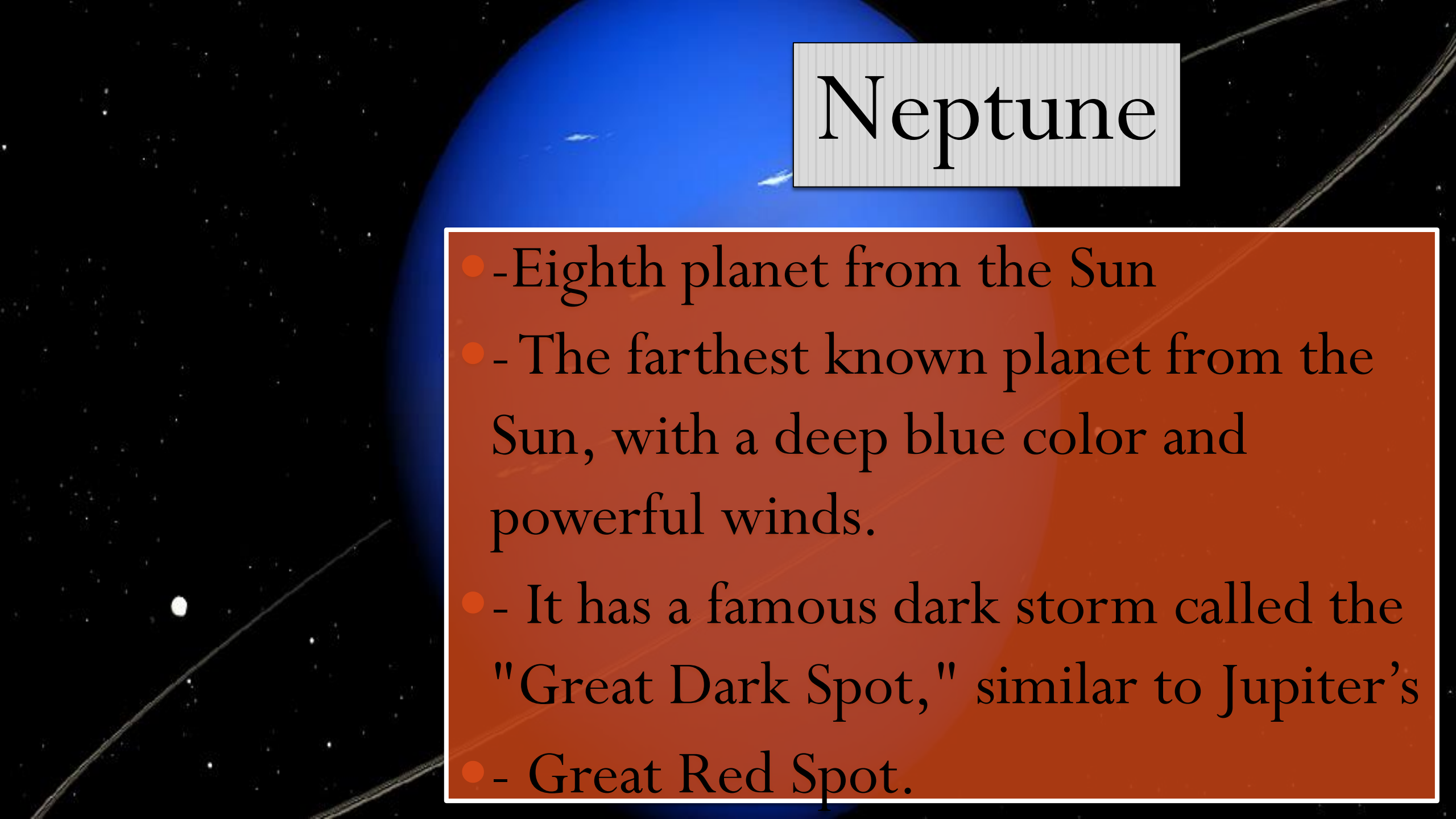


Saturn

- Sixth planet from the Sun
- Known for its stunning ring system, composed of countless icy particles and rocks.
- It is the least dense of all the planets which means it would float in water if you had a big enough bathtub.

Uranus

- Seventh planet from the Sun
- It is tilted on its side which gives it a unique appearance.
- It has a blue-green hue due to the presence of methane in its atmosphere.



Neptune

- - Eighth planet from the Sun
- - The farthest known planet from the Sun, with a deep blue color and powerful winds.
- - It has a famous dark storm called the "Great Dark Spot," similar to Jupiter's
- - Great Red Spot.