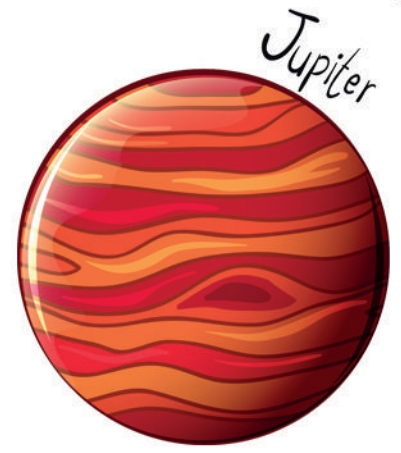


# FACTS ABOUT JUPITER



"Welcome, young astronomers! Today, we embark on an exciting journey to the largest planet in our solar system, Jupiter. Get ready to discover some mind-blowing facts about this colossal gas giant, known for its mesmerizing stripes, swirling storms, and its many mysterious moons. Let's blast off and uncover the wonders of Jupiter!"

**Fun Facts about the Planet Jupiter:**

- 1. Mighty Giant:** Jupiter is the largest planet in our solar system. In fact, it is so big that you could fit all the other planets combined inside it!
- 2. Striking Bands:** One of Jupiter's most distinctive features is its colorful bands. These stripes, made of swirling clouds of gas, create stunning patterns across the planet's surface.
- 3. The Great Red Spot:** Jupiter is famous for its iconic feature called the Great Red Spot. It's a massive storm that has been raging for over 300 years! It is so large that three Earths could fit inside it.
- 4. Many Moons:** Jupiter is a moon magnet! It has a whopping 79 known moons orbiting around it, including four large moons called the Galilean moons: Io, Europa, Ganymede, and Callisto.
- 5. Io's Fiery Volcanoes:** Io, one of Jupiter's moons, is the most volcanically active world in our solar system. It has over 400 active volcanoes, spewing out hot lava and creating a dramatic landscape.
- 6. Largest Moon:** Ganymede, another of Jupiter's moons, is the largest moon in the solar system. It is even bigger than the planet Mercury!
- 7. Mini Solar System:** Jupiter and its moons form a miniature solar system within our own. Just like the Sun and its planets, Jupiter's gravity dominates its moon system.
- 8. Fastest Rotation:** Jupiter is a speedy spinner! It completes a rotation on its axis in just under 10 hours, making it the fastest rotating planet in our solar system.
- 9. Incredible Storms:** Jupiter experiences intense storms with lightning and powerful winds. The storms can create swirling cloud patterns and even change shape and size over time.
- 10. An Invisible Core:** Deep beneath its clouds, Jupiter has a solid core, but it's hidden from our view. Scientists believe it's made up of dense materials, possibly surrounded by layers of metallic hydrogen.