



Hear now. And always

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Introduction and Menus

To begin in English, Press 1

We at Cochlear want to maximize your sound processor listening experience. We look forward to hearing your telephone success stories after using this program.

To get started please chose from the following three options:

For today's word list, Press 1

For today's short passage, Press 2

For today's long passage, Press 3

To repeat these options, Press 4

Week 1 – Space Exploration

Welcome to today's word list.

Word List

Voice: Female, Accent

1. Mesosphere
2. Venus
3. Quasar
4. Milky Way
5. Saturn

That completes today's word list. Call back tomorrow and listen to a new word list.

To read what you have listened to please go to

<http://hope.cochlearamericas.com/listening-tools/telephone-training>

To go back to the main menu, Press 1

To repeat this word list, Press 2



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Welcome to today's short passage.

Short Passage
Voice: Female

The Universe may have neither a center nor an edge, because according to Einstein's theory of relativity, gravity bends all of space time around into an endless curve.

That completes today's short passage. Call back tomorrow and listen to a new short passage.

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To repeat this passage, Press 2

Welcome to today's long passage.

Long Passage
Voice: Male

Jupiter is the largest and most massive planet in our solar system, containing more than twice the amount of material of the other bodies orbiting our sun combined. Most of the material left over after the formation of the sun went to Jupiter, forming a type of planet called a gas giant.

Jupiter's appearance is a tapestry of colorful cloud bands and spots. Most visible clouds are composed of ammonia and ammonia compounds, with unknown chemicals providing color. Jupiter's fast rotation - spinning once every 10 hours - creates strong jet streams, smearing its clouds into bands across the planet.

With no solid surface to slow them down, Jupiter's spots can persist for many years. The Great Red Spot, a swirling oval of clouds twice as wide as Earth, has been observed on the giant planet for more than 300 years. More recently, three smaller ovals merged to form the Little Red Spot, about half the size of its larger cousin. Scientists do not yet know if these ovals and planet-circling bands are shallow or deeply rooted to the interior.



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The composition of Jupiter's atmosphere is similar to that of the sun -- mostly hydrogen and helium. Deep in the atmosphere, pressure and temperature increase, compressing the hydrogen gas into a liquid. This gives Jupiter the largest ocean in the solar system - an ocean made of hydrogen instead of water. Scientists think that, at depths perhaps halfway to the planet's center, the pressure becomes so great that electrons are squeezed off the hydrogen atoms, making the liquid electrically conducting. Jupiter's fast rotation is thought to drive electrical currents in this region, generating the planet's powerful magnetic field. It is still unclear if, deeper down, Jupiter has a central core of solid material.

With four large moons and many smaller moons, Jupiter forms a kind of miniature solar system. Newly discovered moons of Jupiter are reported by astronomers and acknowledged with a temporary designation by the International Astronomical Union. Once their orbits are confirmed, they are included in Jupiter's large moon count. Not including the "temporary" moons, Jupiter has 50 total.

Jupiter's four largest moons - Io, Europa, Ganymede, and Callisto - were first observed by the astronomer Galileo Galilei in 1610 using an early version of the telescope. These four moons are known today as the Galilean satellites. Galileo would be astonished at what we have learned about these moons, largely from the NASA mission named for him: Io is the most volcanically active body in the solar system; Ganymede is the largest moon in the solar system and the only moon known to have its own magnetic field; and a liquid-water ocean with the ingredients for life may lie beneath the frozen crust of Europa, making it a tempting place to explore.

That completes today's long passage. Call back tomorrow and listen to a new long passage.

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