

<https://www.youtube.com/watch?v=-08-TFGLcnQ>



National Geographic Inner Planets Venus, Mercury, Earth, Mars Documentary HD 2017 2017

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46 min

Why is Venus hotter than mercury?

Thick atmosphere of carbon dioxide, keeps the sun's heat trapped. (the green house effect)

Article How do they explore Venus?





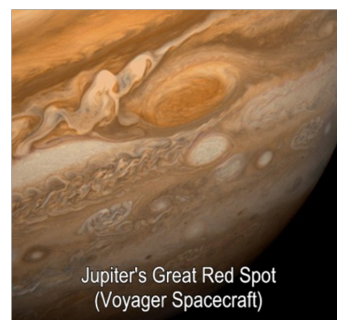
A_Spin_Around_the_Solar_System_The_Outer_Planets_The_Gas_Giants

video (4:40)

<https://www.youtube.com/watch?v=dqGKm5RYTj4>



Jupiter



Jupiter's Great Red Spot
(Voyager Spacecraft)

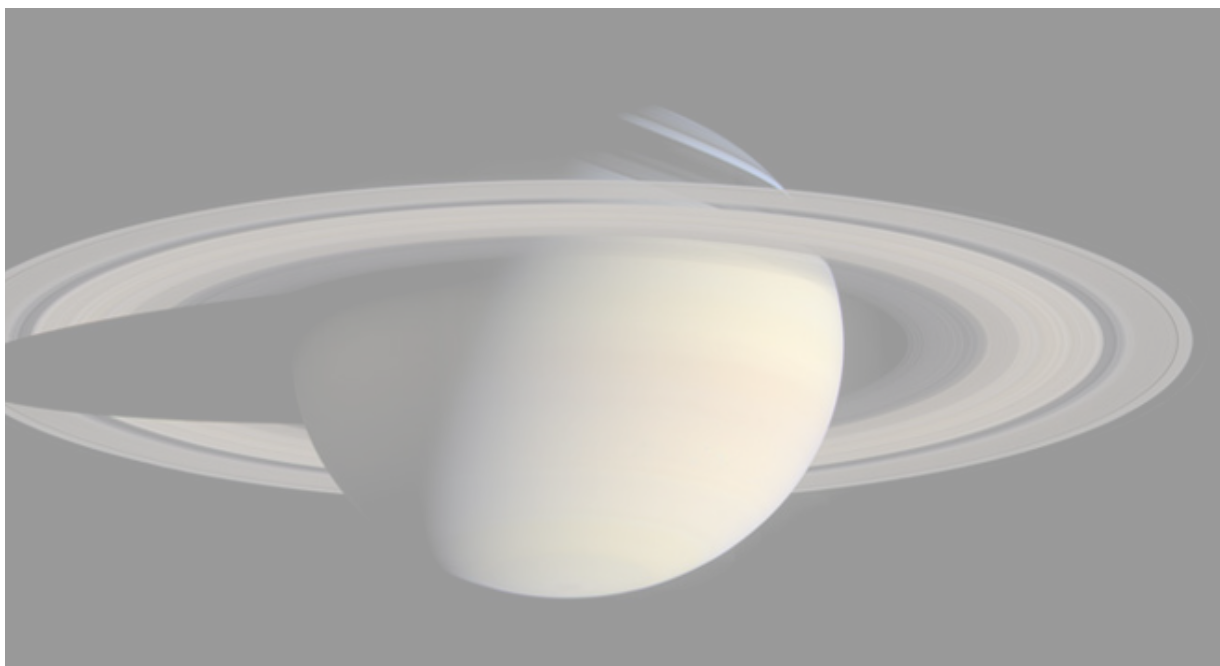
- Largest planet
- Has the greatest mass
- Can be seen in the night sky
- Has a huge hurricane that is known as the "Great Red Spot"
- Has approximately 79 moons (53 are named)

A_Spin_Around_the_Solar_System_The_Outer_Planets_The_Gas_Giants

video (6:47)

Saturn

- Second largest planet
- least dense
- Has rings that contain particles of ice rocks the size of dust to the size of a mountain
- Has approximately 62 moons



Uranus

A Spin Around the Solar System_ The Outer Planets_ The Gas Giants

video (9:17)

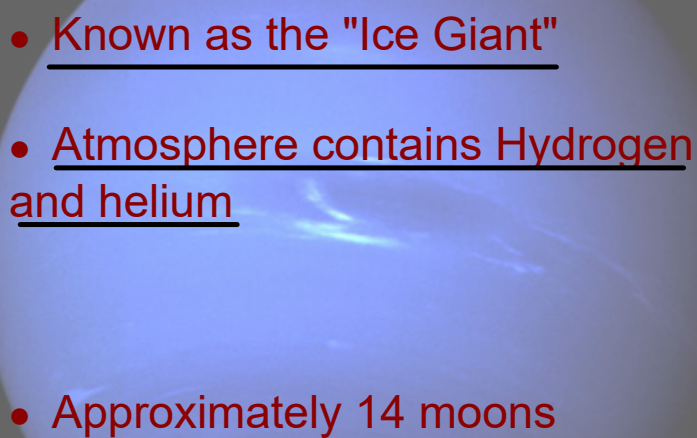
- Rotates on a horizontal axis
- atmosphere is mostly hydrogen, with some helium & methane
- Coldest planet
- About 27 moons
- Also have rings

Neptune

A_Spin_Around_the_Solar_System_The_Outer_Planets_The_Gas_Giants

video (11:58)

<https://www.youtube.com/watch?v=1hlwD17Crko>

- 
- Known as the "Ice Giant"
 - Atmosphere contains Hydrogen and helium
 - Approximately 14 moons

Other Objects in the Solar System

The Video on "Landing on a Comet". From this notice the information we get back to earth and how. Notice how many observations are made from the pictures.

Satellites are objects that revolve around planets (first 10 minutes)

The moon is the earth's natural satellite.

There are man-made or artificial satellites such as the International Space Station.



How Have Astronomers Been Able to Study the Surface of Venus.docx