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## Did You Know?

- Uranus is the seventh planet from the sun
- Uranus is mostly composed of gas
- It's a green like planet with its ring tilted
- The surface of Uranus consists mostly of bluegreen clouds made up of tiny crystals of methane
- The crystals have frozen out of the planets atmosphere
- The temperature of Uranus atmosphere is about -360%f [220%c]
- Uranus travels around the sun in an elliptical orbit which it completes in 30,685 earth days
- As it orbits the sun Uranus also rotates on its axis on an imaginary line through the center
- Uranus has 20 known satellites astronomers discovered the 5 largest satellites between 1787 and 1948
- Uranus has storms and the constant lighting
- Uranus is named after the ancient Greek god of heavens - the earliest supreme god
- That Uranus is the third largest of the nine planets
- Uranus has very dark rings (like Jupiter)
- Uranus' brightest rings are called 'epsilon rings'

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## Getting to Your Planet

You will leave at Nasa Airlines, Florida. On your way to see Uranus you'll be able to see the other wonderful planets on your way there.

### Tour Guides

Julie Payette was born in Montreal ,Quebec on October 20 ,1963 and now resides in the United States of America. Julie Payette got her full pilot license before she became a astronaut. She studied Russia and logged over 120 hours of reduced gravity time. She also has completed a deep - sea diving hard suit training program and she trained on military jets. Julie Payette flew on a space shuttle Discovery from May 27 to June 6 1999 as part of the crew of STS-96. During the mission , the crew performed the first manual docking of the shuttle to the international space station (I S S), and delivered 4 tons of logistics and supplies to the station. On Discovery Ms.Payette served as a mission specialist and was only the thrid Canadian astronaut to operate the Canadian orbit . She divides her time between her astronaut currency training in Houston. Her work is so important to the world because she worked as a tecnical advisor.



John Glenn was not a Canadian. He was born in Cambridge Ohio. He is 80 years old. He lived most of his life in Cambridge, Ohio. His accomplishments were he graduated from the Marine Corps in 1943. He flew 59 combat missions.



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## Survival Needs On Route

**Description of Space Suit:** A space suit can keep an astronaut alive for six to eight hours. The suit is made of many layers of flexible air tight material such as nylon and Teflon. It provides protection from heat or cold. Equipment in a backpack provides oxygen and removes carbon dioxide and moisture. The helmet must allow good visibility while protecting at the same time.

**Basic Needs:**All of your basic needs will be tended to. eg) Food, medicine etc.The ten foods that will be brought in space are: pizza, soups, chicken, rice, shrimp, eggs, orange juice, and water.

**Space Craft:**We will be riding on one of the best aircrafts. It will be blue on the inside and out. It is shaped like a big cylinder and looks like a small rocket.

**Responsibilities of Crew:** The crew must make repairs to satellites along the way. If there is garbage in the ship it has to be either put in an empty place or sent outside the ship. The crew is not responsible for any lost/stolen items.

**Leisure:** For leisure you will be having a variety of movies and the beautiful sights to see. You may also do floating and flipping.

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## Sights To See on Planet

### You'll see:

- Uranus' moons
- active volcanoes
- ice rock formation
- 10 satellites

### Technology: Special Equipment

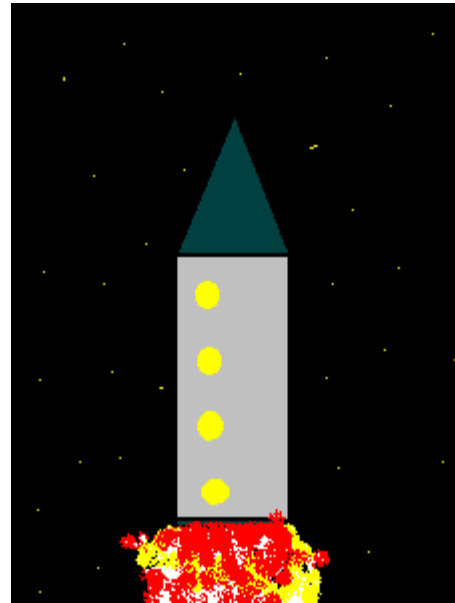
Computers have lots of things such as a system— G.P.S which stands for Global Positioning Satellite. It is a tracking system used to know where you are. You will be able to communicate by radio. Uranus was the first planet discovered with a telescope. The climate consists of hot gases and electrically charged particles from our sun constantly called 'solar wind'. There will be bathrooms in the space ship.

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## Sources:

- *The nine planets* <http://seds.lpl.arizona.edu/nineplanets/nineplanet/uranus.html>.
- <http://www.staq.qld.edu.au/k9p/uranus.htm>
- <http://www.jsc.nasa.gov/Bios/astrobio.html>



For further information please contact: Daniel, Mike, Shianne, MaryJoyce, Jamie, Chantal or Darnell

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## Solar System

### Destination: Uranus



*Come to planet Uranus to sit in air*

Comet Travel Agency

Date: May 22 2002

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