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Did You Know?

- ◆ Mars is the 3rd planet from the sun
- ◆ Mars is 6,794 km in diameter
- ◆ Mars looks like the red planet
- ◆ Mars is made of carbon dioxide and traces of oxygen
- ◆ Mars has a very thin atmosphere
- ◆ Mars average temperature is about 55 degrees centigrade
- ◆ the water makes up 0.03%
- ◆ The sun varies about 154,800,000 miles, 249,200,000 km at its farthest to about 128,400,000 miles, Mars takes about 24 hours and 37 mins to rotate
- ◆ Mars revolution is about 687 Earth days to go around the sun
- ◆ Mars' two small satellites are named Phobos and Deimos
- ◆ Mars is named after the God of War

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Getting to Your Planet

The space shuttle will launch off the Nasa space station in Florida. Our flight is booked so that we can pass by the moon. We will pass by the moon because it is orbiting past us on the way to Mars.

We will see the two satellites, Phobos and Deimos.

Tour Guides

John Glenn is one of your tour guides to Mars. He was born in Cambridge, Ohio on July 18, 1921. He is married to the former Anna Margaret Castor of New Concord, Ohio and has two grown children and two grandchildren. As a child he lived in Ohio with his parents. When he was a adult he lived with NASA and Military all around the world. He also flew 59 combat missions.



Your second tour guide will be Julie Payette. She was born on October 20, 1963 in Montreal, Quebec. 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.



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Survival Needs On Route

Description of Space Suit:

This spacesuit consists of a backpack, helmet, radio and gloves. It is made of many layers of flexible materials including nylon and teflon. This suit provides protection against heat, cold and space particles. You wear this suit like you would wear winter gear on Earth.

Basic Needs:

These are some of the foods that will be eaten on the trip: Vegetables, meat, dairy, pasta, bread, cheese, hamburger meat, sausages, ice cream, oranges apples etc.

Space Craft:

We will be travelling via a twenty (20) man space shuttle including large spacious quarters, nuclear fuel and eight (8) holodecks.

Responsibilities of Crew:

You will be required to clean your quarters on a regular basis, bus your tray at meal times and help out on the bridge when you are needed.

Leisure:

For leisure you can either train on the holodeck or go asteroid watching.

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Sights To See on Planet

- We will be landing on Olymus Mons-the largest mountain on Mars and in the solar system
- there are numerous craters caused by meteorites that crashed into its surface.
- canyons, gorges, and surface features that resemble dry riverbends.

Technology: Special Equipment

The kind of spacesuit that they wear are very comfortable and made of nylon and telfon. It keeps cold, hot and space articles from hitting you.

The spacecraft is blue and is called the Apollo 12. It has the most up to date things inside it.

The computers that we have are the most up to date computers for space.

G.P.S stands for Global Positioning System which is a radio. It is the latest instruments so we always know where we are.

We have the latest scopes to view things that we pass or what you want to see.

The water and urine is recyled and the other stuff is thrown out of the spacecraft.

The climate is controlled in the cockpit so that it will be how you want it.

You can communitcate with friends and family through NASA at all times—whenever you want to.

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Sources:

- World Book Multimedia 2002
- Nine Planets <http://www.thenineplanets.com>
- The Nine Planets for Kids <http://www.thenineplanetsforkids.com>
- Mars.org <http://www.Marsplanet.org>
- <http://www.staq.qld.edu.au/k9p/mars.htm>
- [-http://www.jsc.nasa.gov/Bios/htmlbios/index.html](http://www.jsc.nasa.gov/Bios/htmlbios/index.html)



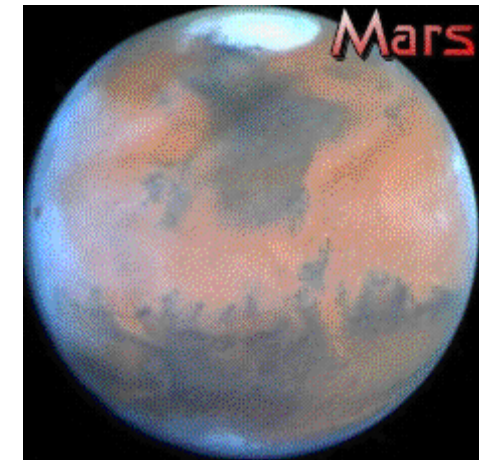
This is the Apollo 12 Spacecraft at launch.

For further information please contact: Tina, Michael, Ives, Gowan, Shianne, RoseAnne, James, David or Mimi

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Solar System

Destination: Mars



Visit Mars... Fourth planet from the sun.

Super Solar Travel Agency

Date: May 22, 2002

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