Exploring Mars With *Mars Express*

A Career Day Presentation at Raba Elementary School
San Antonio, Texas

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Raba Career Day - Jan. 18, 2007
Mars - The Red Planet

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Mars Express
Getting Ready for Launch in Kazakhstan
Arrival on December 25, 2003
15 December 2003
Mosaic of the Valles Marineris hemisphere of Mars. The centre of the scene (lat. -7, long. 78) shows the entire Valles Marineris canyon system, over 3000 kilometres long and up to eight kilometres deep, extending from Noctis Labyrinthus, the arcuate system of graben to the west, to the chaotic terrain to the east. Photo: NASA
A Closer Look with the Camera on Mars Express

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Tall Mountain: *Olympus Mons*

The highest volcano in the Solar System, Olympus Mons, rises 25 kilometers (~16 miles) above the surrounding plain: Mount Everest is only one third as high. Credits: USGS/NASA

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A crater on Mars with ice?

What happened to the water on Mars?

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A Big Team
A Few Things To Think About

• Your education is a gift.
• Do what your teacher says. It’s good advice!
• Don’t be afraid to challenge yourself.
• In thinking about a career, pick one you will love.
• Teamwork is important.
• Have some fun too -- sports, hobbies.