

# MISSION TO MARS

PROJECT BASED LEARNING

## Conditions on Mars:

### Length of day

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It takes Mars 1.026 Earth solar days to rotate once on its axis. This means that one day on Mars is about 24 hours and 37 minutes long.

**The Benchmark Lessons were developed with the help of the following sources:**

Bill Arnet's "The Nine Planets" website, <http://nineplanets.org>

Chaisson, Eric, and McMillan, Steve. *Astronomy Today*. Prentice Hall, Upper Saddle River, New Jersey, 1999.

JPL's Planetary Photojournal, <http://photojournal.jpl.nasa.gov/>

Mars Pathfinder Science Results Directory,  
<http://mars.jpl.nasa.gov/MPF/science/science-index.html>

The NASA Image Exchange, <http://nix.nasa.gov/>

Zeilik, Michael, Gregory, Stephen A., and Smith, Elske v. P. *Introductory Astronomy and Astrophysics*. Saunders College Publishing, Harcourt Brace Jovanovich College Publishers, Austin, 1992.

Mission to Mars: Project Based Learning: Dr. Anthony Petrosino, Department of Curriculum and Instruction,  
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