Solar System Exploration Timeline 2003-2006

Educational Product	
Teachers and Students	K - Post Doc

EP-2003-03-024-JPL

National Aeronautics and Space Administration

Mercury
Venus
Moon
Earth
Mars
Asteroids
Jupiter
Saturn
Uranus
Neptune
Pluto
Comets

2003

07/03 SMART-1
Launch: Europe's First Moon Orbiter

12/24/03 Mars Express/Beagle 2
Mars Arrival & Landing: Europe's First Planetary Mission

06/02/03 Mars Express/Beagle 2
Launch: European Orbiter & Lander

06/03 Mars Exploration Rovers
Launch: NASA's Robot Geologists

05/09/03 MUSES-C
Launch: Japanese Asteroid Sample Return

09/21/03 Galileo
Impacts Jupiter: End of Mission

2004

03/04 MESSENGER
Launch: NASA Mercury Mission

06/08/04
Venus Transits the Sun
06/04 MESSENGER
Venus Flyby

08/04 LUNAR-A
Launch: Japanese Moon Orbiter

01/04 Nozomi
Mars Arrival: Japanese Orbiter

09/08/04 Genesis
Sample Return: Solar Wind Capsule Drop in Utah

01/04/04 MER-A
Mars Landing: First NASA Robot Geologist

01/25/04 MER-B
Mars Landing: Second NASA Robot Geologist

02/04 Ulysses
Jupiter Flyby

12/24/04 Cassini-Huygens
NASA Orbiter Deploys European Probe

06/12/04 Cassini-Huygens
Moon Flyby: NASA Orbiter at Saturn's Phoebe

10/26/04 Cassini-Huygens
Titan Flyby

07/01/04 Cassini-Huygens
Saturn Arrival: NASA Orbiter & European Probe

01/02/04 Stardust
Comet Encounter: NASA Spacecraft Intercepts Wild 2

02/04 Rosetta
Launch: European Comet Chaser

12/30/04 Deep Impact
Launch: NASA Comet Excavator

2005

10/04 - 01/05 SMART-1
Moon Arrival: European Moon Orbiter

11/05 Venus Express
Launch: European Orbiter

08/05 SELENE
Launch: Japanese Lunar Explorer

08/05 Mars Reconnaissance Orbiter
Launch

10/05 MUSES-C
Asteroid Arrival: Japan Collects Samples From 1998 SF-36

03/09/05 Cassini
NASA Orbiter Begins Extended Saturn Tour with Encedalus Flyby. Activities Continue Through 2008.

01/14/05 Huygens
Probe Descent: Huygens Explores Titan (3 hours)

07/04/05 Deep Impact
Comet Encounter: NASA Excavates Tempel 1

2006

03/06 MESSENGER
Venus Flyby

04/06 Venus Express
Venus Arrival: European Orbiter

03/06 Mars Reconnaissance Orbiter
Mars Arrival

05/06 Dawn
Launch: NASA Asteroid Explorer

01/06 New Horizons
Launch: NASA Pluto-Kuiper Belt Explorer

01/06 Stardust
Comet Sample Return

For more information on NASA's education programs, please visit http://education.nasa.gov

Extreme Exploration

Starting in January 2004, a fleet of more than a dozen international spacecraft will make headlines from across the solar system. NASA plans to land two rovers on Mars, probe the rings and moons of Saturn, fly through the tail of a comet and return tiny fragments of the Sun to Earth. Then we're off to Mercury and the asteroid belt. NASA is also preparing a spacecraft for our first close-up look at Pluto and beyond.

For the latest information, visit: ***http://solarsystem.nasa.gov/***

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