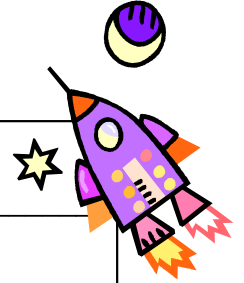


Name _____

Space Exploration Timeline Webquest

Fill in the facts or dates in the timeline below by navigating the timeline on this website:
<http://science.nationalgeographic.com/science/space/space-exploration/>



October 4, 1957

Event: _____

Name of first satellite:

What country launched it?

How large was it?

January 31, 1958

First Successful American Satellite

Name of launch that blew up on launch pad:

Name of successful satellite:

How far above Earth was it?

How long was it in space?

April 12, 1961

Event: _____

Name of first human in space:

What happened during the landing?

Date: _____

First Animal in Orbit

Name of the dog:

Did she survive?

July 29, 1958

NASA Signed into Law

What does NASA stand for? (be careful):

Date: _____

First American in Orbit

Name of astronaut:

How many times he orbited:

What almost happened?

Date: _____

First Manned Moon Orbital Launch

How many days was the mission?

What was the name of the mission?

The astronauts on this mission were the first to do what two things:

- 1.
- 2.

May 14, 1973

First American Space Station Launched

Name of the station:

Date it returned to Earth:

Date: _____

First US Mars Landing

Name of the capsule:

How long did the lander operate on the surface of Mars?

Name of the famous photograph from this rover:



Date: _____

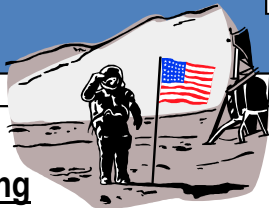
First Manned Moon Landing

What is the name of the capsule?

Who were the first two men on the Moon?

What is the famous quote of this mission?

What happened when they landed on Earth?



Date: _____

First International Space Rendezvous

Which two countries were involved?

What did the astronauts do?

August-September, 1977 Voyagers 1 and 2 Launched

What was special about the solar system at this time?

Where did the Voyager 1 visit?

Where did the Voyager 2 visit?

Where are the Voyagers now?

What is on board the Voyagers?

June 18, 1983

Event: _____

Who was the first American woman in space?

How old was she?

January 28, 1986

Space Shuttle Challenger Explosion

How many astronauts died?

What was the name of the teacher who died?

February 1, 2003

Loss of Space Shuttle Columbia

Where did the shuttle explode?

How many astronauts died?

Date: _____

Arrival of Cassini Spacecraft at Saturn

How long did it take Cassini to reach Saturn?

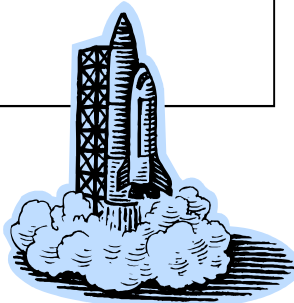
What moon did NASA want to map?

Date: _____

First Untethered Spacewalk

Name of the first astronaut to be untethered in space:

What did he wear?



Date: _____

Hubble Space Telescope Deployed

How heavy is the Hubble Telescope? (1 ton = 2000 pounds!)

What flaw did the telescope have?

What did we do about the flaw?

January 3, 2004

Spirit Rover Landing on Mars

Where did the Spirit rover land on Mars?

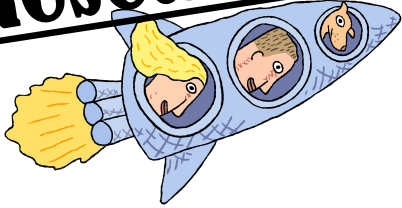
January 25, 2004

Opportunity Rover Landing on Mars

What region of Mars did the Opportunity explore?

What did the rover find?

Research it!



What's gone on in space exploration in the past decade?

Directions: Add at least 4 events to this section of the timeline (to 2016+) by researching online. Include the dates and key facts about each event. In the box at the bottom of the page, list the sources that you use to find your information.

Start with one of these websites, or find one on your own!

- <http://www.seasky.org/space-exploration/space-timeline-2001-2010.html>
- <http://www.seasky.org/space-exploration/space-timeline-2011-2020.html>
- http://www.russianspaceweb.com/chronology_XXI.html
- <http://nssdc.gsfc.nasa.gov/planetary/chronology.html>



Sources: