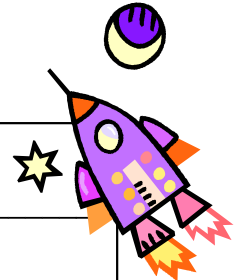


Name \_\_\_\_\_

## Space Exploration Timeline Webquest

Fill in the facts or dates in the timeline below by navigating the timeline on this website:

<http://tiny.cc/spacetime>



**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: \_\_\_\_\_

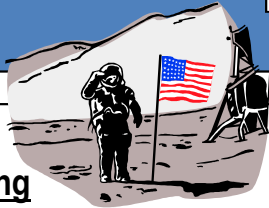
### **First Manned Moon Landing**

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?

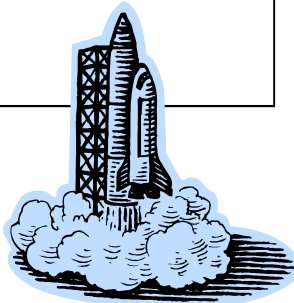
What moon did NASA want to map?

**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?

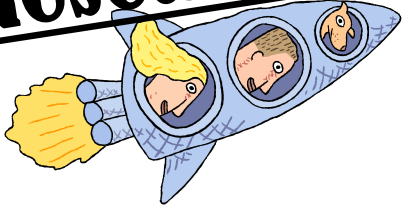
**January 25, 2004**

**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://www.russianspaceweb.com/chronology_XXI.html)
- <http://nssdc.gsfc.nasa.gov/planetary/chronology.html>



**Sources:**