

Exploring the Solar System

Dawn

Slides by Liz LaRosa's 6th grade students www.middleschoolscience.com 2015
Using information from JPL's Missions Website <http://www.jpl.nasa.gov/missions/>

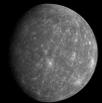


Sun- Ulysses

1990-2009

Stopped sending data in 2009

Study the never-before-seen north and south pole of the sun



Mercury- Mariner 10

1973-1975

No Longer
Sending
Data(Past)

Its objective was to take photos of both Venus and Mercury. It was a flyby.



1962-1963

Venus-Mariner 2

Stopped sending data in 1963

Mariner 2 took close up pictures of Venus's atmosphere and learned about solar wind

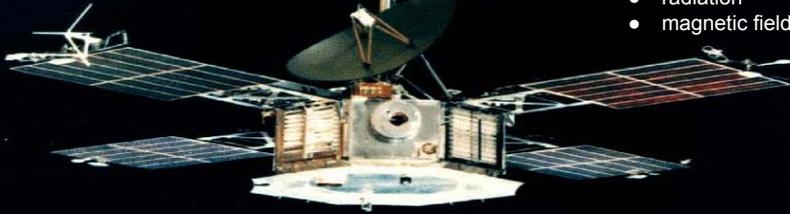


Venus - Mariner 5

June 1967- December 1967

Mariner 5 was to collect data on the planets

- atmosphere
- radiation
- magnetic field



Not sending data anymore

Mariner 10 to Venus

November 3, 1973 - March 24 1975

It is not
still
sending
data.

Mission Objective: To take pictures of Venus
and Mercury while flying by.

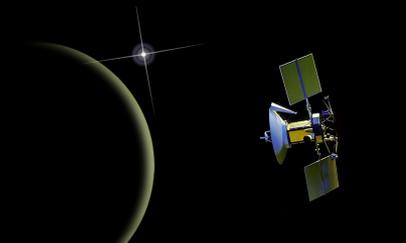


Venus- Magellan

1989- 1994

No longer
sending
data (past)

Find out more about Venus. Take pictures. It
made a map of the Venusian surface. It was
an orbiter.



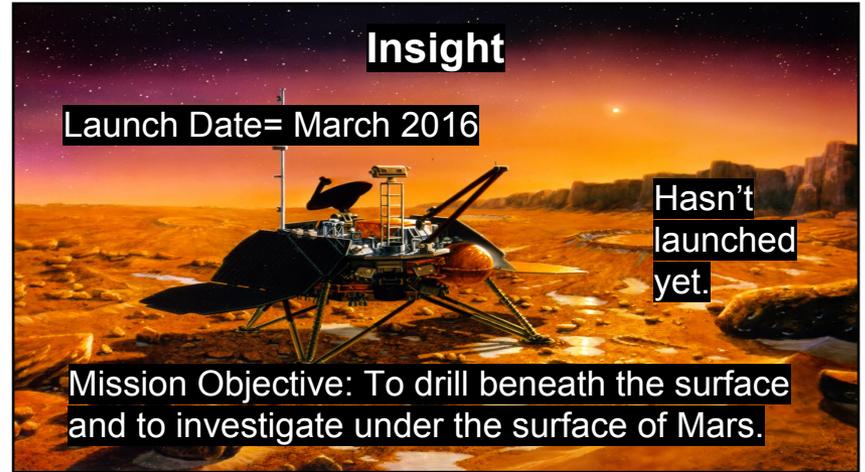
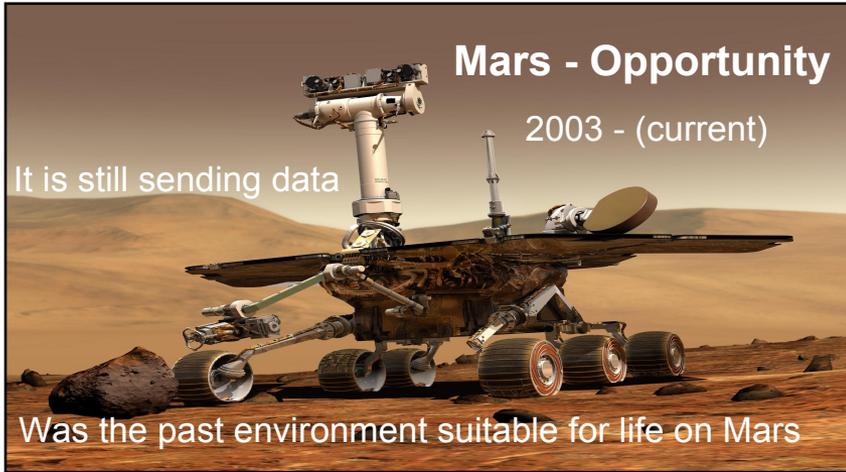
Moon-Diviner Lunar Radiometer Experiment (DLRE)

2009-Present

The DLRE measures surface temperatures and looks for potential
landing hazards for future missions

The DLRE is still sending data.



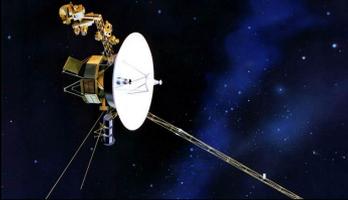




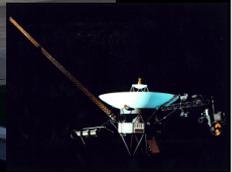
Jupiter - Voyager 1
1977 - (current)
It is still sending data
Voyager 1 explored Jupiter and is in interstellar space now



Saturn - Voyager 1
1977 - (current)
It is still sending data.
Voyager 1 was to explore Saturnian systems and discover new moons and volcanoes.



Jupiter-Voyager 2
1977-Present
Voyager 2 is still sending data
Visited Jupiter and its moons and photographed them



Saturn-Voyager 2
1977-Present
Voyager 2 is still sending data
Visited Saturn and its moons and photographed them

Cassini to Saturn

October 15, 1997- Current

Mission Objective: To learn about Saturn and its moon's atmospheres.

Uranus- Voyager 2

1977

It is still sending data (current)

Its objective was to flyby Uranus, Neptune, Jupiter, and Saturn to snap some pictures of them. It went into deep space like Voyager 1.

Neptune- Voyager 2

1977

It is still sending data (current)

Its objective was to flyby Uranus, Neptune, Jupiter, and Saturn to snap some pictures of them. It went into deep space like Voyager 1.

Universe - Space Very Long Baseline Interferometry

1997 - (current)

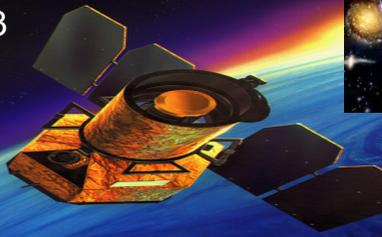
It is still sending data.

This mission was to create the equivalent of a telescope with a diameter more than 2.5 times times the diameter of Earth. This provides people with extremely detailed images of distant astronomical objects.

Universe- Galaxy Evolution Explorer

2003- 2013

It is no
longer
sending
data



Find out more about the history of star formation. It helped
show how the universe formed