Exploring the Solar System

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.

Venus-Mariner 2
1962-1963
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
Mission Objective: To take pictures of Venus and Mercury while flying by.
It is not still sending data.

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.
Mars - Opportunity

2003 - (current)

Was the past environment suitable for life on Mars

It is still sending data

Insight

Launch Date= March 2016

Hasn’t launched yet.

Mission Objective: To drill beneath the surface and to investigate under the surface of Mars.

Jupiter-Galileo

1989-2003

Stopped sending data in 2003

The goal of Galileo was to learn about Jupiter’s moons but also visited 2 asteroids

Juno to Jupiter

August 5, 2011- will arrive in 2016

Mission Objective: To learn about how Jupiter formed and how it has evolved.
**Jupiter - Voyager 1**
1977 - (current)

Voyager 1 explored Jupiter and is in interstellar space now. It is still sending data.

**Saturn - Voyager 1**
1977 - (current)

Voyager 1 was to explore Saturnian systems and discover new moons and volcanoes. It is still sending data.

**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.