Pluto

BY: Mario Lyons, Brandon Greenlaw, John Saravia, Dominic Mclarahmore
Name and Mythology

The name Pluto comes from the Roman God of the Underworld, The alternate name is Hades.

The name was given by an 11 year old, Venetia Burney
Position from sun

Pluto's distance from the Sun is 4.44 billion km

It has an elliptical orbit of 49.3 AU from the sun

It is \( \frac{1}{6} \) the size of earth
Surface Features

Pluto is 1,430 miles in diameter.

Pluto is a consists of a mixture of 70 percent rock and 30 percent water ice.

Internal structure: The dwarf planet probably has a rocky core surrounded by a mantle of water ice, with more exotic ices such as methane, carbon monoxide and nitrogen ice coating the surface.
Revolution and Rotation

Pluto revolution is in the shape of an oval

Each year on Pluto takes 247.7 Earth years

It takes 6.39 days for Pluto to make a full rotation.
Pluto has four natural satellites around it. The satellites are called Nix, Styx, Kerberos, and Charon. Pluto also has one moon called Hydra.

Hydra was discovered in June 2005 along with the satellite Nix. Styx was discovered on July 11th, 2012, Kerberos as discovered in July 20th 2011, and Charon was discovered on June 22 1978 and is the largest of the satellites and Hydra.
Man made satellites and telescopes

Beginning in the spring of 2015, New Horizons started its detailed studies of Pluto including searches for additional moons and for rings.
Atmosphere composition

It consists mainly of nitrogen, with little amounts of methane and carbon monoxide.
From Earth to there

When Earth and Pluto are on opposite sides of the sun from one another, Pluto lies 4.67 billion miles from Earth. At their closest, the two are only 2.66 billion miles apart.
**Sun's Effect**

The sun has very little effect on the Pluto. However it doesn’t have any affect at all. The sun still has
Pluto was discovered by Clyde Tombaugh, a U.S. astronomer in 1930.

Pluto has about one-fifteenth the gravity of Earth. That means a person who weighs 100 pounds on Earth would weigh about 7 pounds on Pluto.

Pluto may have ice volcanoes. Instead of spewing lava like volcanoes on Earth, these volcanoes probably emit a cold, slushy mixture of water ice, nitrogen, methane, and other substances.

Mountains are made of giant blocks of ice. Plains look like they are made of a frozen gas, nitrogen.
Works Cited Page

https://en.wikipedia.org/wiki/Pluto

http://www.space.com/18566-pluto-distance.html