

Relationships and Attributes of Objects in the Solar System II

Standard 3: Students will understand the relationship and attributes of objects in the solar system.

Objective 2: Describe the use of technology to objects in the solar system and relate this to science's understanding of the solar system.

- a. Describe the use of instruments to observe and explore the moon and planets.
- c. Relate science's understanding of the solar system to the technology used to investigate it.

ELA SL.6.1a

Title: The Use of Technology in Discovering the Solar System

Description: Students will use two great Internet sites to learn more about discoveries made using telescopes.

Materials: Computers, writing materials

Procedures

1. Below are two websites that tell about the inventions and uses of the telescope.
 1. The first website tells of the history timeline of the telescope.
 2. The second website has a few movies on it that tells of the discoveries of the Hubble Telescope
1. <http://ngm.nationalgeographic.com/2009/07/telescopes/telescopes-interactive>
2. http://hubblesite.org/gallery/movie_theater/

Name _____

The Use of Technology in Discovering the Solar System

Technology plays a big role in discovering more about the universe. We use these discoveries to understand more about the beginning of space and our existence and what is going on today.

Today, you have three assignments to do.

Go to: <http://ngm.nationalgeographic.com/2009/07/telescopes/telescopes-interactive>

A. Look through the pictures and read of the history timeline (#1) of the telescope. When you are done, write down five ideas makes the telescope so important for space discovery.

- 1.
- 2.
- 3.
- 4.
- 5.

Then go to: http://hubblesite.org/gallery/movie_theater/

B. Choose two movies to watch about the Hubble Telescope. For each movie, write down a 5 discoveries the Hubble Telescope has found in space.

- 1.
- 2.
- 3.
- 4.
- 5.

C. Analyze the facts that you have written and write a conclusion why space explorations through telescopes are so important to science.