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Investigation 2: The Earth's Moon This investigation will help you to:

- Describe the surface of the moon.
- Predict the phases of the moon in the lunar cycle.
- Explain the possible origins of craters on the surface of the moon.

To learn more about the surface of the moon, visit the following web sites:

Chapter 6: The Earth's Moon, Eyes on the Sky, and Feet on the Ground, **Smithsonian Institution** This chapter provides activities and information on the Earth's moon.

To learn more about predicting the phases of the moon in the lunar cycle, visit the following web sites:

Earth/Moon/Sun Positions and the Moon's Phase, **Northern Illinois University** Find a unique view of Earth-moon-sun relationships with the Java applet. Moon's Orbit Around the Earth and Earth's Orbit Around the Sun, **H. Tahsiri** See why eclipses aren't more frequent.

To learn more about the possible origins of craters on the surface of the moon, visit the following web sites:

The Moon, **New Mexico State University** Learn about how features of the moon where formed.