

Name: _____ Date: _____ Period: _____

EARTH, MOON & SUN RELATIONSHIP

UNDERSTANDING THE PHASES OF THE MOON

✓ **OBJECTIVE:** To illustrate the relationship between the moon phases and the position of the Earth, moon, and the sun.

DIRECTIONS: Illustrate each phase of the moon and the reflection of the sun's rays on the surface of the moon to the Earth. (*Label the Earth, moon, sun, and use arrows to illustrate the direction of the rays from the sun to the moon, and then to the Earth.*)

PHASE: First Quarter Moon



PHASE: Third Quarter Moon



PHASE: Waning Crescent Moon



PHASE: Waxing Crescent



Name: _____ Date: _____ Period: _____

PHASE: Full Moon



PHASE: New Moon



PHASE: Waning Gibbous Moon



PHASE: Waxing Gibbous Moon



CONCLUSION: (Use 3-4 complete sentences.)

1. Explain how the position of the Earth, moon, and sun affected the phase of the moon you viewed in this activity.
