Phases of the Moon

ANALYZE THE RESULTS

1. At full moon, Earth is between the sun and the moon. To represent this phase, students should move the plastic-foam ball to the opposite side of the globe from the light source.
2. In the model, students should move the plastic-foam ball one-quarter of the way around the globe and three quarters of the way around the globe. These positions represent the first quarter phase and last quarter phase.
3. Sample answer: As the moon continues to move in its orbit around Earth, part of its illuminated half becomes visible. When a sliver of the moon is visible from Earth, the moon enters a crescent phase.

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