

A Closer Look at the Phases of the Moon

Directions:

1. Color the Earth blue and green
2. Color the sun yellow
3. Label the moon's orbital path
4. In the moon pictures on the orbital path,
 - a. Color the LIT part of the moon orange
 - b. Color the DARK part of the moon black
5. In the moon pictures 1-8, color the view of the moon as it would be seen from Earth

Conclusion & Reflection:

KNOWLEDGE: Label each phase of the moon:

- | | |
|----|----|
| 1. | 5. |
| 2. | 6. |
| 3. | 7. |
| 4. | 8. |

COMPREHENSION:

Explain why we see different parts of the moon at different times in its cycle.

Explain why we call it a QUARTER moon when we see HALF of the FULL moon during that phase.

ANALYSIS: Compare and contrast the WAXING and WANING phases.

EVALUATION:

Estimate how many lunar cycles occur in a calendar year. Defend your prediction.

Sun

