

# The Lunar Cycle Flipbook

Pages 306-311



## Moon's Orbit & Phases

1. Cut the strip of moons off of the first page of your flipbook packet.

### Flipbook page 1:

2. Glue the moon onto its orbit **BETWEEN** the earth and sun (should be the position of the new moon).
3. Trace the moon's orbit (the dotted line):     **"waxing" side = RED**     **"waning" side = BLUE**
4. Cut and glue the new moon phase (below) onto the **LEFT** side of the page.
5. Label the phase.

### Flipbook pages 2-8:

6. Repeat #2-5 for the next step in the moon's orbit and the matching phase (*use your notes and page 308 for references*).
7. Continue until all steps of the moon's orbit and phases are complete.

### Eclipses:

8. Glue the "Eclipse Possible During This Phase" labels on the correct phases (*use pages 310-311*).

### Lunar Facts:

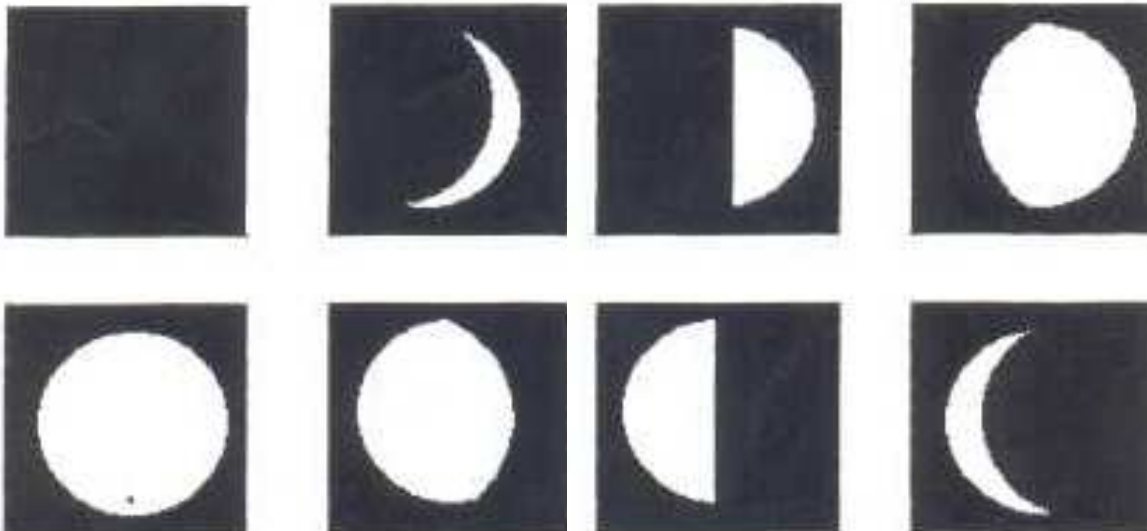
9. Fill in the blanks in the "Lunar Facts" box (*use pages 306-309*).
10. Cut & glue the box onto the **BACK** of flipbook page 8.

### Putting it all together...

11. Fill out the information on the cover page.
12. Cut the pages of the flipbook apart.
13. Put the pages of your flipbook in order and staple on the solid line.

### Lunar Facts:

- The moon travels around Earth in a \_\_\_\_\_ direction.
- The moon appears to be \_\_\_\_\_ during the "waxing" phases and \_\_\_\_\_ during the "waning" phases.
- The moon's day and year are the \_\_\_\_\_, so the \_\_\_\_\_ side of the moon always faces Earth.
- The moon does not produce it's own light; it \_\_\_\_\_ light from the \_\_\_\_\_.
- The moon goes through its entire set of phases once a \_\_\_\_\_.
- \_\_\_\_\_ of the moon is always lit by the sun.
- The phase we see from Earth depends on the amount of the \_\_\_\_\_ side of the moon faces Earth.
- The moon doesn't usually go directly between Earth and the sun or directly behind Earth because the moon's orbit is slightly \_\_\_\_\_.



possible during this phase	possible during this phase
<b>Lunar Eclipse</b>	<b>Solar Eclipse</b>

# The Lunar Cycle

(Length of one cycle: \_\_\_\_\_)

Name: \_\_\_\_\_ Per: \_\_\_\_\_





*Handwritten cursive text*  
Sun



*Handwritten cursive text*  
Sun



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Sun



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Sun



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Sun



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Sun