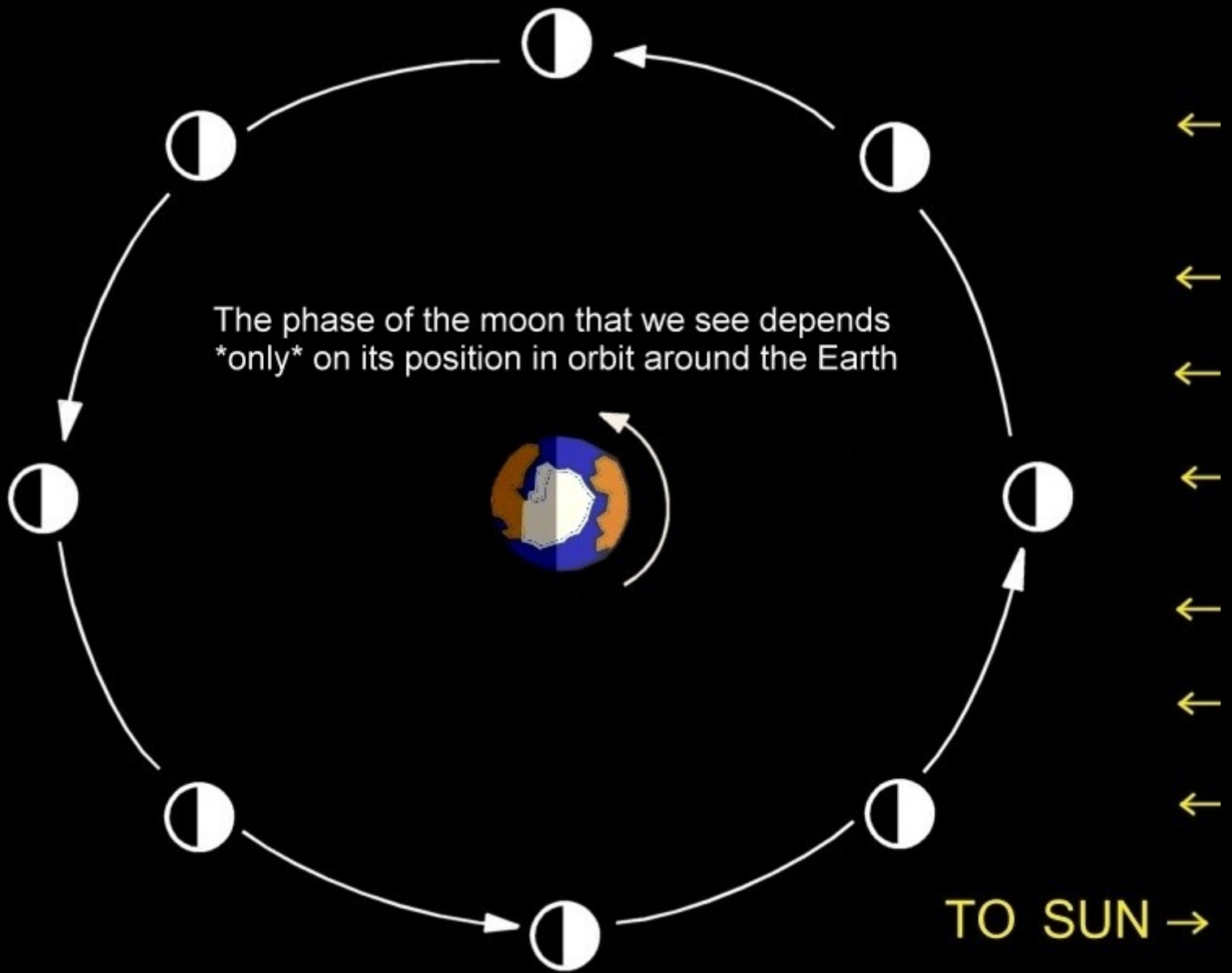
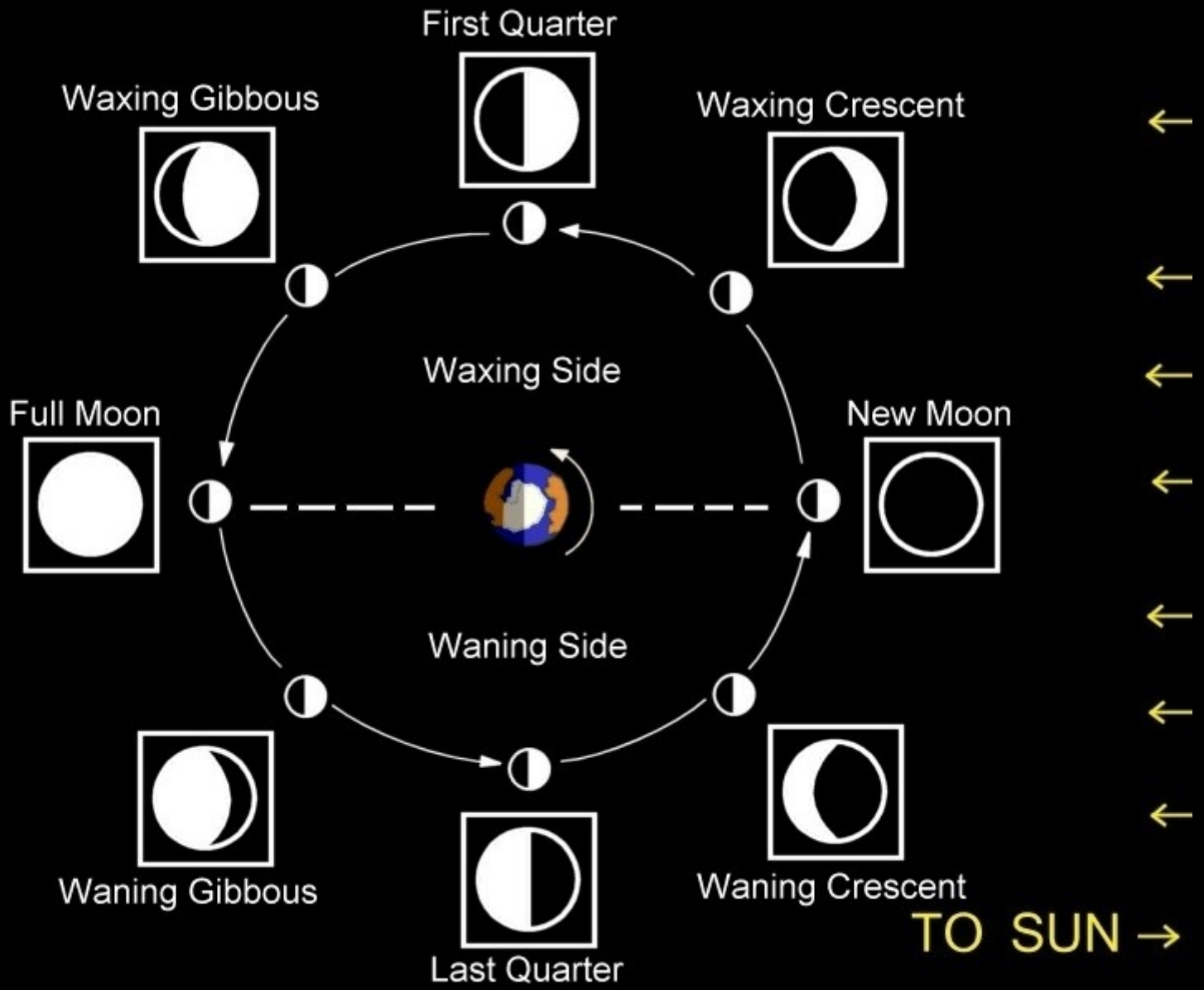


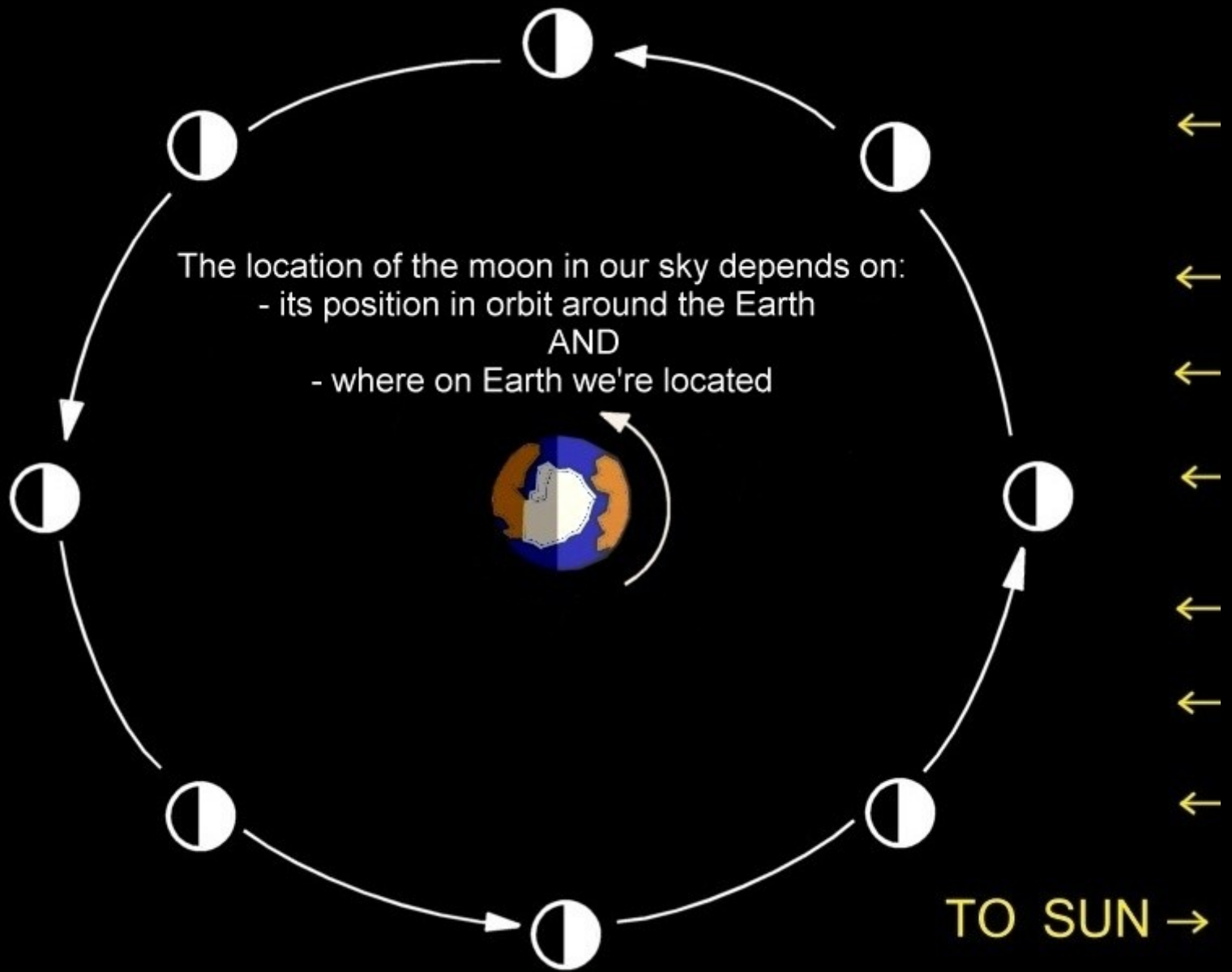
# Experiment 3: Phases of the Moon

# How Come I Can See the Moon During the Day?

- Moon takes one month to complete a cycle
- Half the moon is always illuminated...
- But over the course of a month, what we actually see from Earth changes...







# This is Why We Can See the Moon During the Day!

Depending on the particular phase, the Moon may rise, be overhead, or set during the day

# Nota Bene...

- Earth and Moon both rotate counterclockwise (to the left) if we are looking down from the North Pole... This means both Sun and Moon rise from the east, set in the west
- That picture we showed? Moon takes a whole month to do this... But rising and setting happens in a 12 hr period. That's why we have so much variety in what we see the Moon doing.