Moon Phase Workbook

Journal • Lesson • Quiz

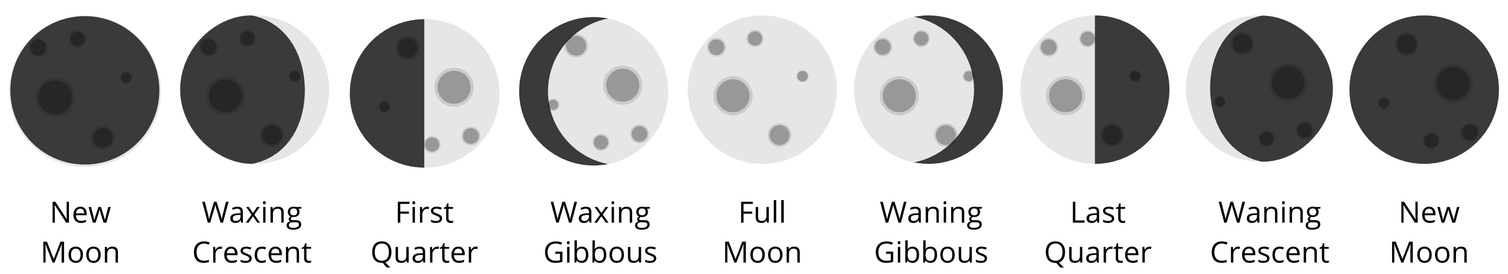
JessBeeCreates.com

Moon Observation Journal

Name: ______________________________

Start Date: ______________ End Date: ______________

Moon Phases
Northern Hemisphere



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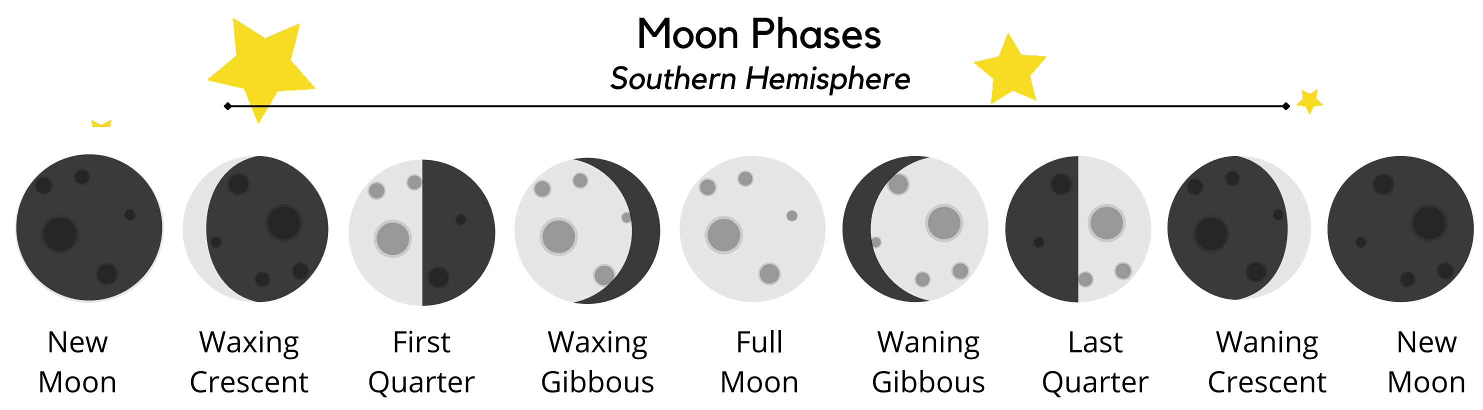

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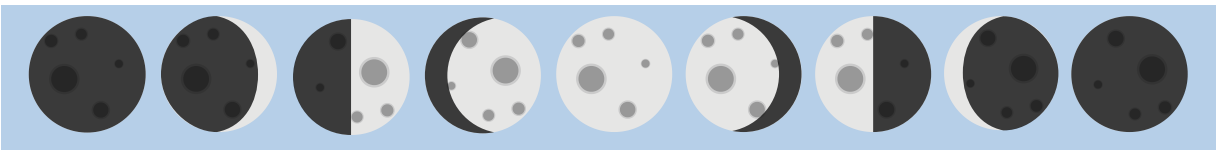
Moon Phases

Northern Hemisphere



New Moon | Waxing Crescent | First Quarter | Waxing Gibbous | Full Moon | Waning Gibbous | Last Quarter | Waning Crescent | New Moon

The moon goes through different shapes in the sky, which we call moon phases. Let's explore them!

When we have a ***new moon***, the moon is between the Earth and the sun. We can't see it from Earth because the side facing us doesn't have any sunlight on it. The moon doesn't have its own light, so it looks invisible.

As the moon starts to move around the Earth, we see a small sliver of it, which we call the ***waxing crescent*** phase. It looks like a tiny curved shape in the sky.

When we reach the ***first quarter*** phase, we can see half of the moon illuminated from Earth. It looks like a half-circle in the sky.

In the ***waxing gibbous*** phase, most of the moon is lit up and looks almost like a full circle. It's getting closer to being completely illuminated.

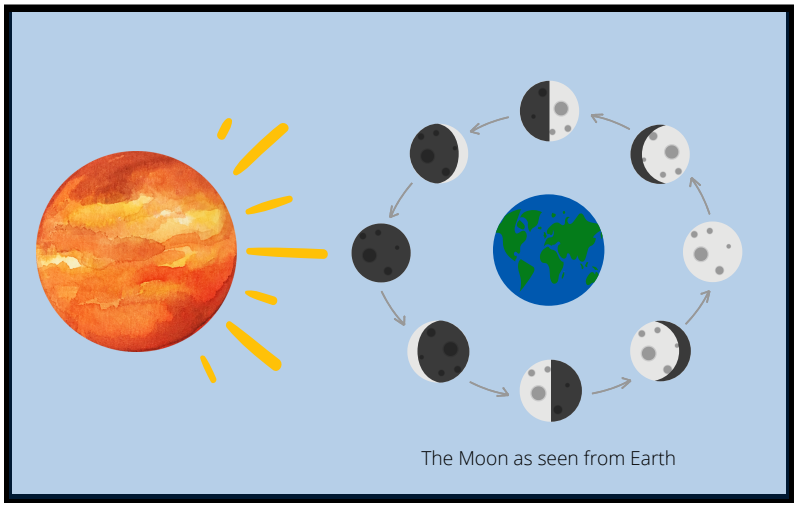
Then, we have the ***full moon*** phase. This is when the side of the moon facing us is fully illuminated. It looks like a big, bright circle in the sky. The Earth is now between the sun and the moon.

After the full moon, the moon starts to become less illuminated. In the ***waning gibbous phase***, the illuminated portion of the moon begins to shrink, but it's still mostly lit up.

When we reach the ***last quarter*** phase, we see another half of the moon illuminated, just like in the first quarter phase. It looks like a half-circle, but this time it's on the other side.

Finally, in the ***waning crescent*** phase, we can only see a tiny sliver of the moon illuminated. It looks like a curved shape, but now it's getting smaller and smaller.

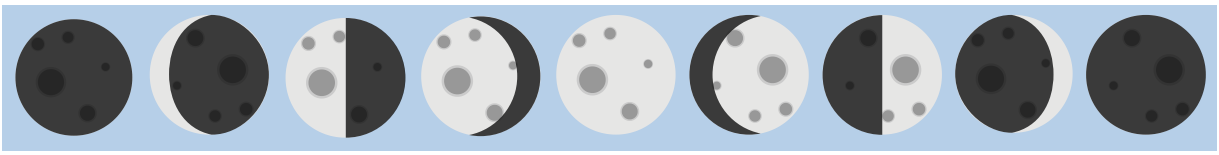
And that completes the cycle of moon phases! Remember, the moon's appearance changes because of how the sun's light reflects off it, and we can see different parts of the moon depending on its position in relation to the Earth and the sun.



The Moon as seen from Earth

Moon Phases

Southern Hemisphere



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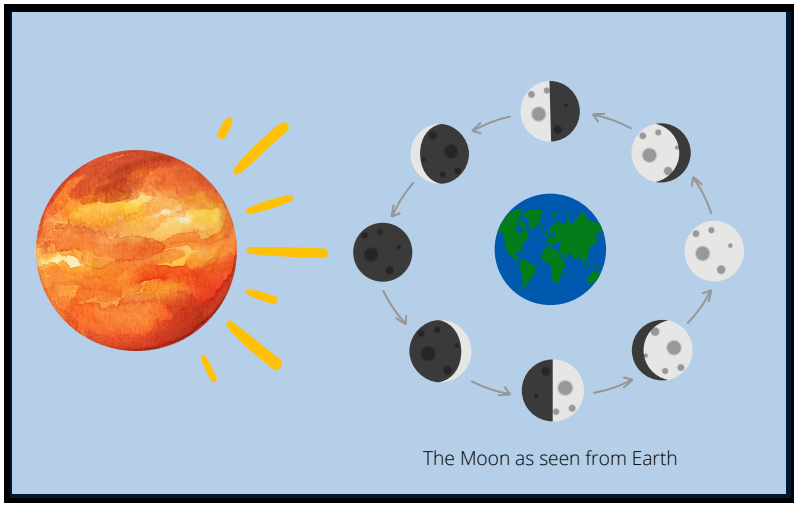

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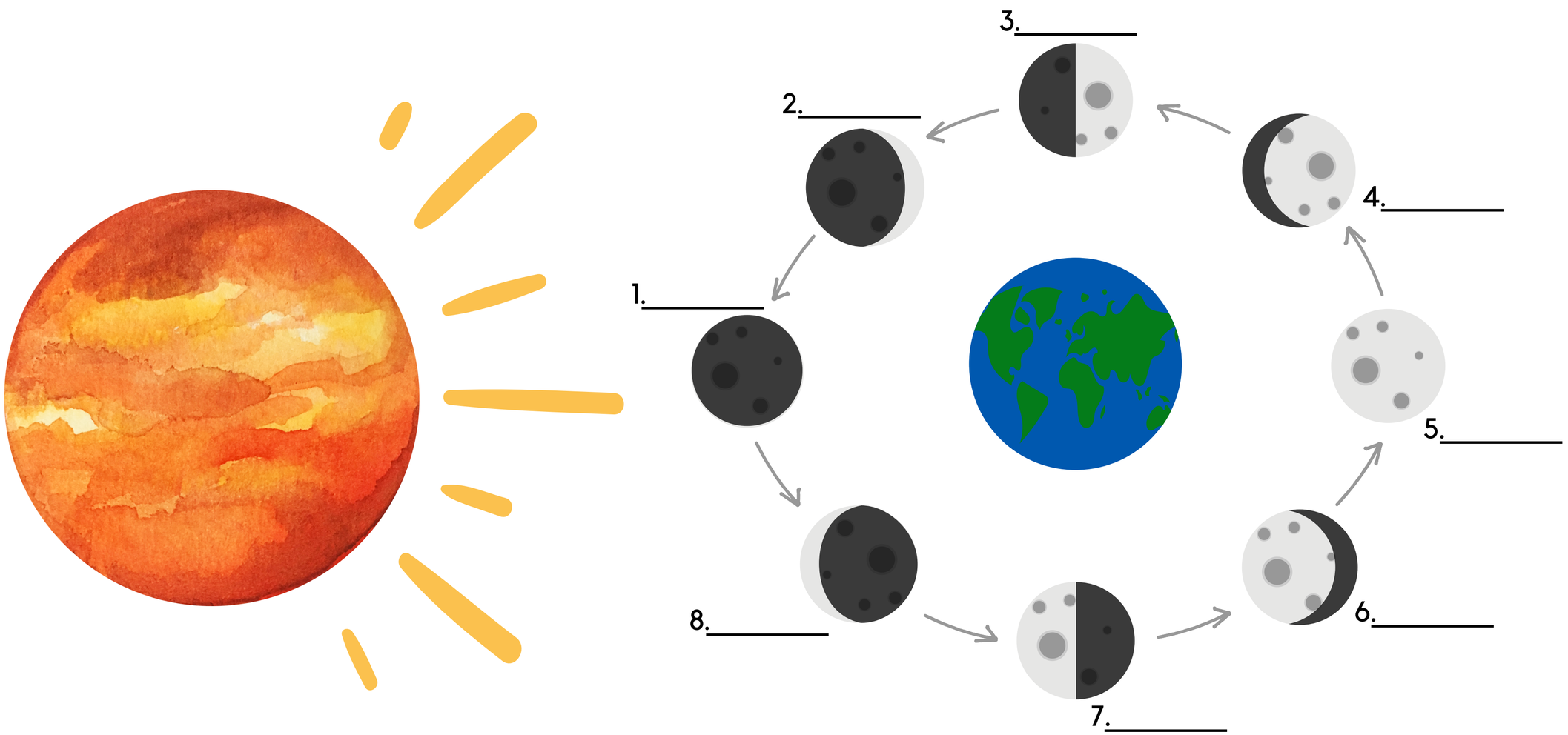
Moon Phases Quiz

Northern Hemisphere



Moon Phases Quiz

Southern Hemisphere