

Moon Phases

I.D. Cards

Full Moon



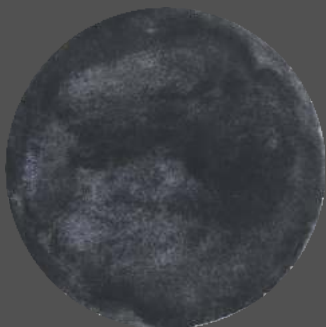
- *Shows all of the moon's day side & is $\frac{1}{2}$ way through a lunar cycle.
- *The moon and sun are aligned with the Earth in between.
- *The only moon phase that allows a lunar eclipse.

First Quarter



- *Shows half of it's day side to Earth.
- *Called the First Quarter phase because it is seen at a quarter of the way around its orbit of Earth.

New Moon



- *The moon rises when the sun rises and sets when the sun sets.
- *It crosses the sky with the sun during the day.
- *New lunar cycle begins now.

Last Quarter



- *Looks half illuminated.
- *Rises around midnight and sets around noon.
- *The moon is three fourths of its way around the Earth.

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Waning Crescent



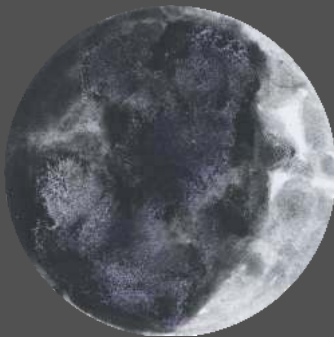
- * Also called an old moon.
- * Seen in the east before dawn.
- * Nearly but not precisely on a line with the sun and Earth.

Waning Gibbous



- * Appears a few days after a full moon.
- * Seen in the west in the early morning.
- * Comes up late at night.

Waxing Crescent



- * Also called a young moon.
- * Appears in the west after sunset.
- * The moon's own shadow is visible.

Waxing Gibbous



- * Appears high in the east at sunset.
- * Is seen 1-2 weeks after a new moon.
- * Often noticeable during the day.

Moon Phases

At a Glance



Waxing Gibbous



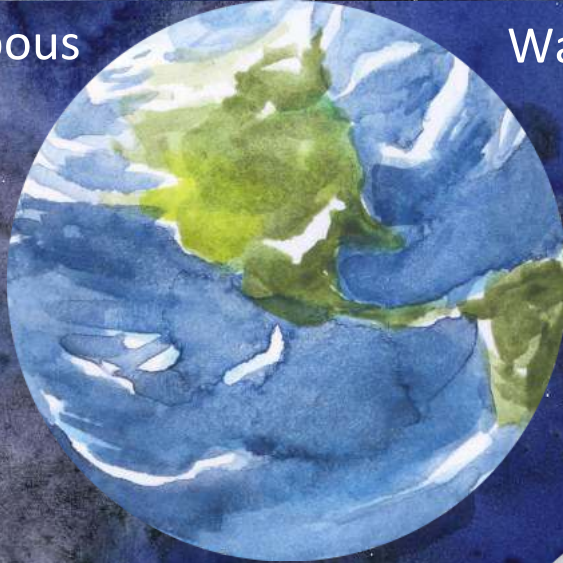
First
Quarter



Waxing Crescent



Full



New



Waning Gibbous



Third
Quarter



Waning Crescent