

Moon Cycle

Sam

Where's The Moon?

Did you know the moon revolves around earth? There are four lunar phases, New Moon, Waxing Crescent, First Quarter, Waxing Gibbous, Full Moon, Waning Gibbous, and Waning Crescent. These moons are different shapes. The first face in the cycle is the New Moon. You can't see the lighted half. The lighted half isn't facing us the sun, the moon and, earth are all lined up. The moon rises the same time as the sun sets in the east, and the moon sets in the west the same time as the sun rises in the west.

That's One Small Crescent.

The second moon phase is the waxing crescent moon. When you look at the waxing crescent, it looks like a small crescent. The small crescent is on the right side of the moon. It also looks like a little sliver of the moon is there. The new moon is no longer in between the sun and the earth. It has moved on from the sun and the earth. The moon is getting larger. It's almost a half moon.

The Half Moon Is Here!

After the waxing crescent, comes the First Quarter. The First Quarter comes one week after the New Moon. You can see half of the moon is lit when you look at a First Quarter moon. Looks like a half circle. The moon is half way around its monthly phases. It looks like only half of the circle is, but really only one quarter of the moon is lit. This is because we can't see the back of the moon. The back of the moon is pitch black.

Not A Full Moon Yet.

The fourth face of the lunar cycle is the Waxing Gibbous. More of the moon is lit than dark. It's a crescent in the dark. Not a crescent in light. It's not a full moon yet. The moon is moving into the sun light. Next phase it will be a full moon. Not a Waxing Gibbous anymore.

The Werewolves Are Coming!

Now the moon is finally a full moon. You can see the entire moon. It looks like a big ball in the sky. The moon is in complete sun light. It happens two weeks after the new moon. The earth is between the sun and the moon. The Full Moon rises the same time as the sun sets. The moon is half way around its orbit.

A Little More Than half of the Moon is there.

The moon is getting smaller. This phase is called Waning Gibbous. It is lighter than a half moon. The moon is lit more than a quarter moons. The lighted part of the moon is on the left of it. This is because it is Waning. We end up seeing more of the shadowed side.

This is the last quarter.

This is the seventh phase of the lunar cycle. The Last Quarter Moon is here. The left side is lit. The moon is three fourths way around the earth. The moon rises about midnight. The Last Quarter Moon sets around noon. Half of the moon is getting smaller. The moon looks an uppercase D.

The Last Phase of the Moon cycle is The Waning Crescent.

The moon will continue its orbit round earth. The last face in the lunar cycle is Waning crescent. It looks like a little crescent on the left side. The Waning crescent is a larger piece is in shadow. The lighted half is getting smaller. The moon is almost a new moon. Then the cycle will start all over again. These are the phases of the moon.

Facts

The moon revolves around earth

Waxing = getting larger on the right side

Waning= getting smaller on the left side

In space the moon is opposite to the sun

Main phases: New moon, First quarter, Full moon, Last quarter

