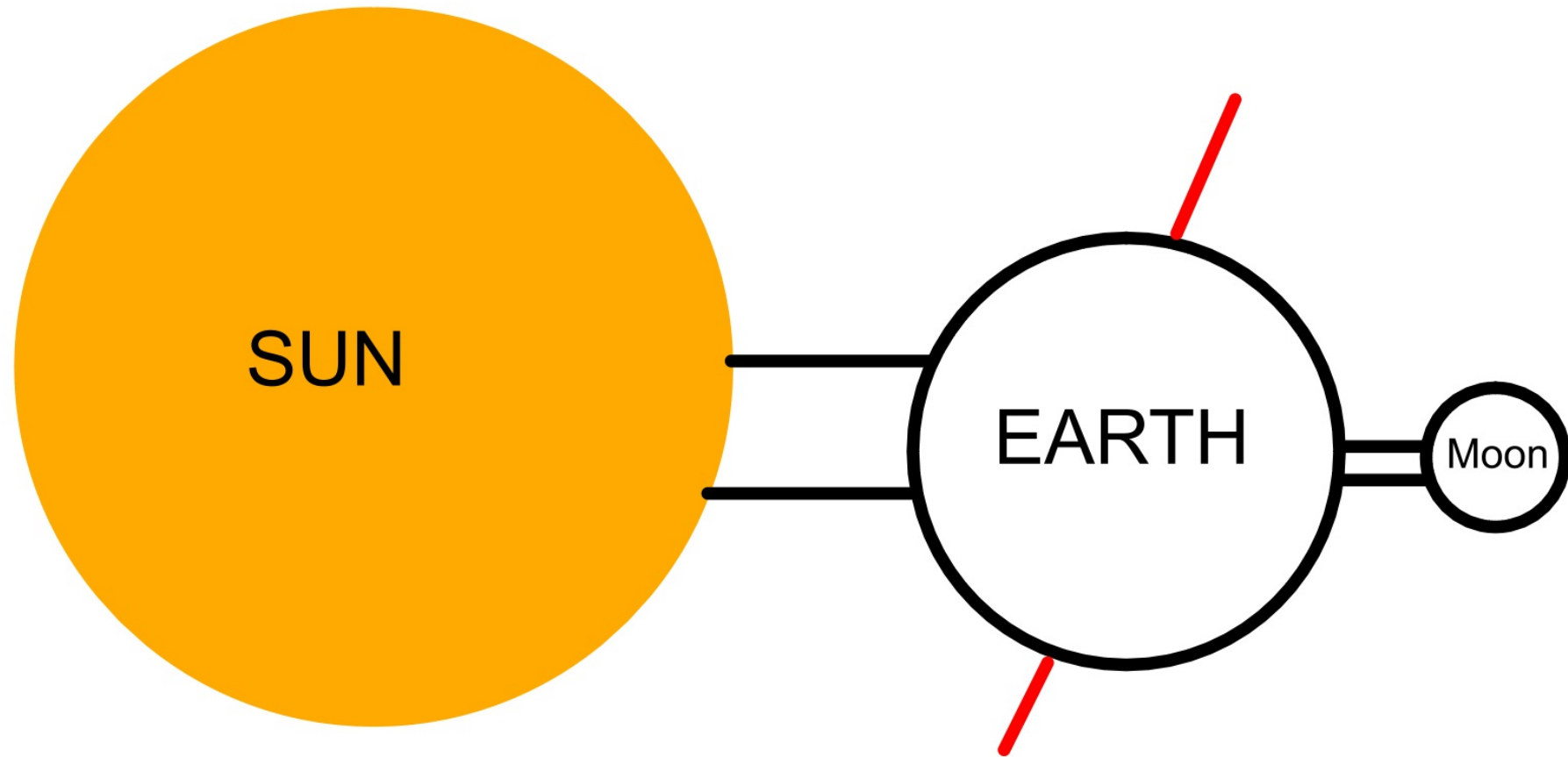


# Some Rhymes for all Seasons

(by L.B.)

The seasons come and then they go  
Do you know what makes it so?  
Can you explain the reasons why  
The seasons come and then pass by?  
The seasons come and then they wilt  
It has to do with the Earth's tilt  
The angle of the Sun's bright light  
The Sun and Earth's connected flight!

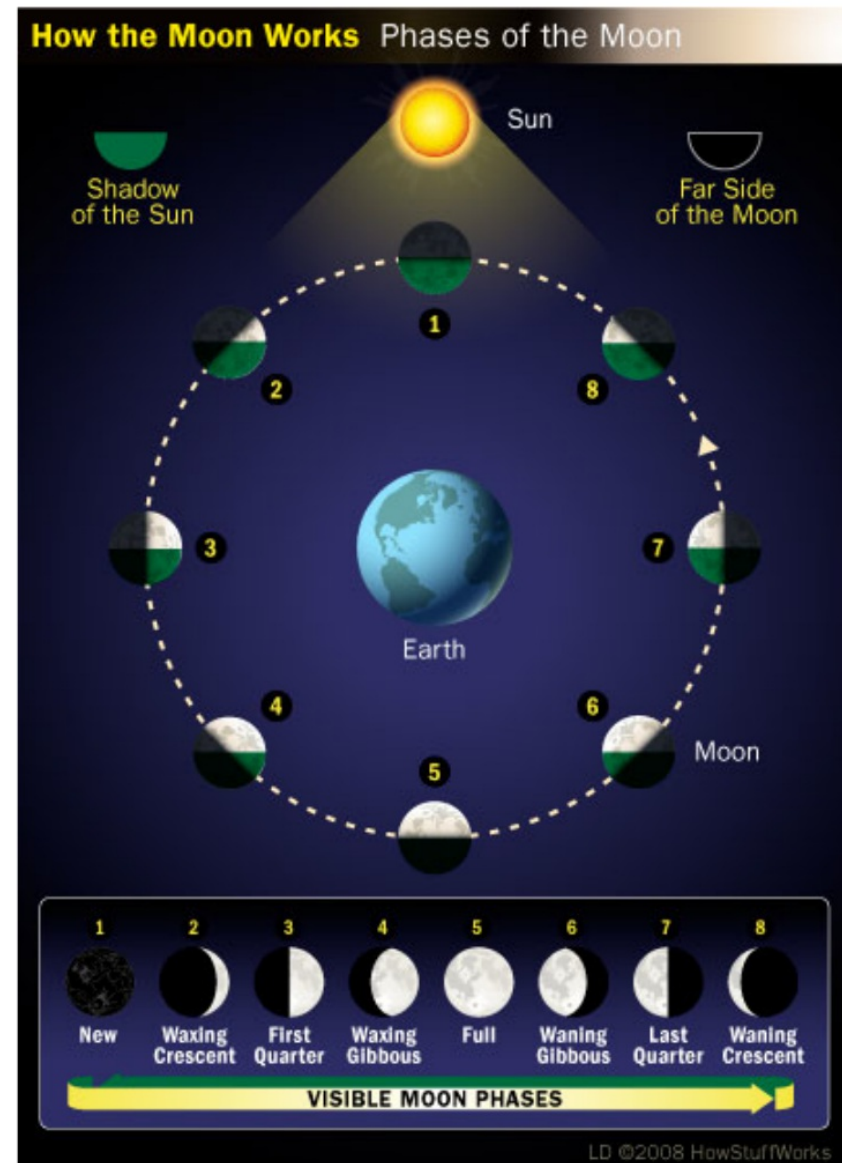
*We will make...*



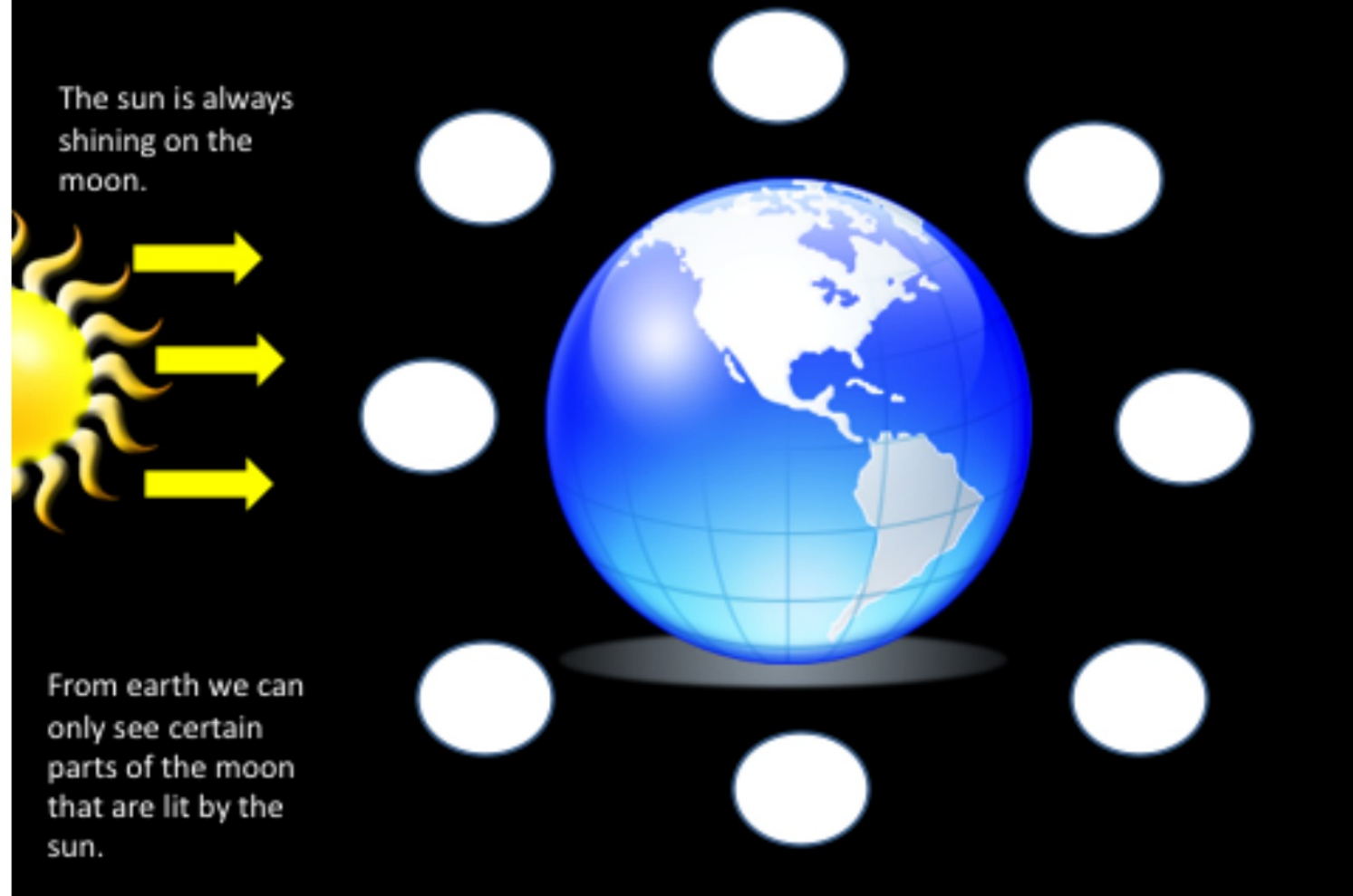
**3 Circles, 2 strips of paper, 3 pins, 1 straw,  
coloring supplies: Yellow, Blue, Green, Gray**

# Moon Phases

- As the moon orbits around the earth, the light from the sun shines on it.
- From earth, we can only see certain portions of the lit moon.
- It takes 1 month, approx. 29 days, for the moon to completely orbit the Earth.



# Diagram of the Moon Phases



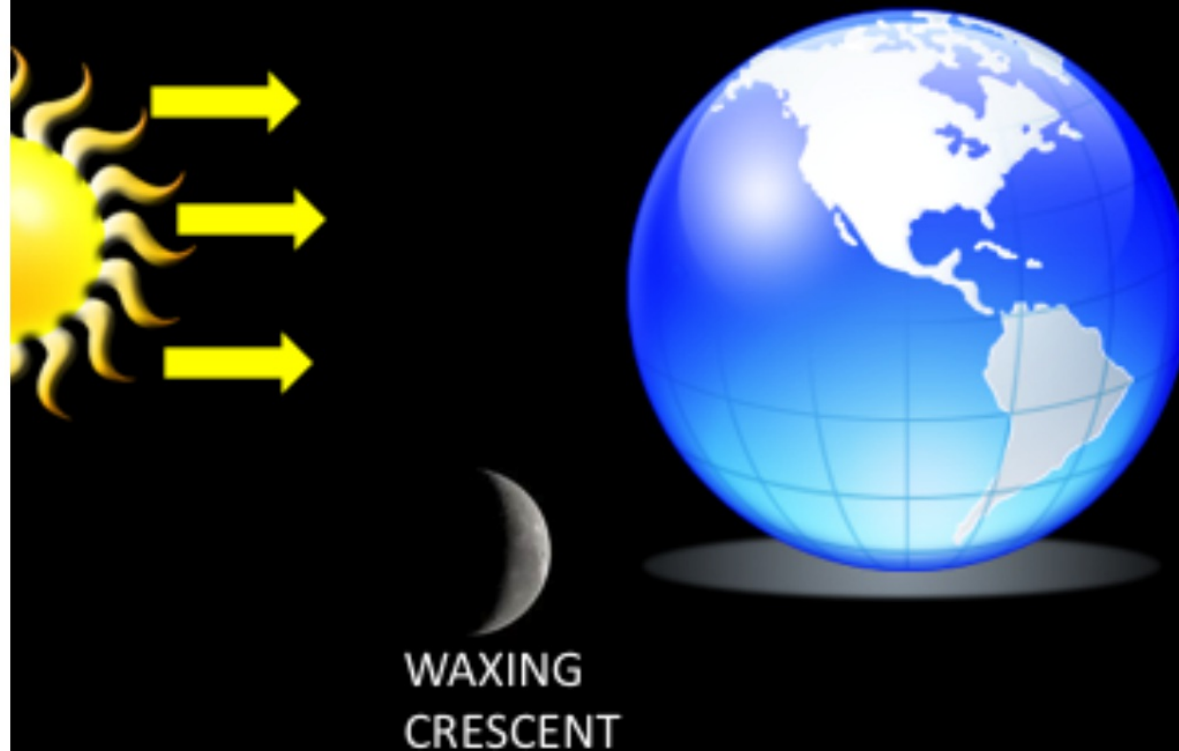
## Diagram of the Moon Phases



The moon is lit by the sun. However, the lit side of the moon cannot be seen from Earth. The moon appears black during the NEW MOON PHASE.

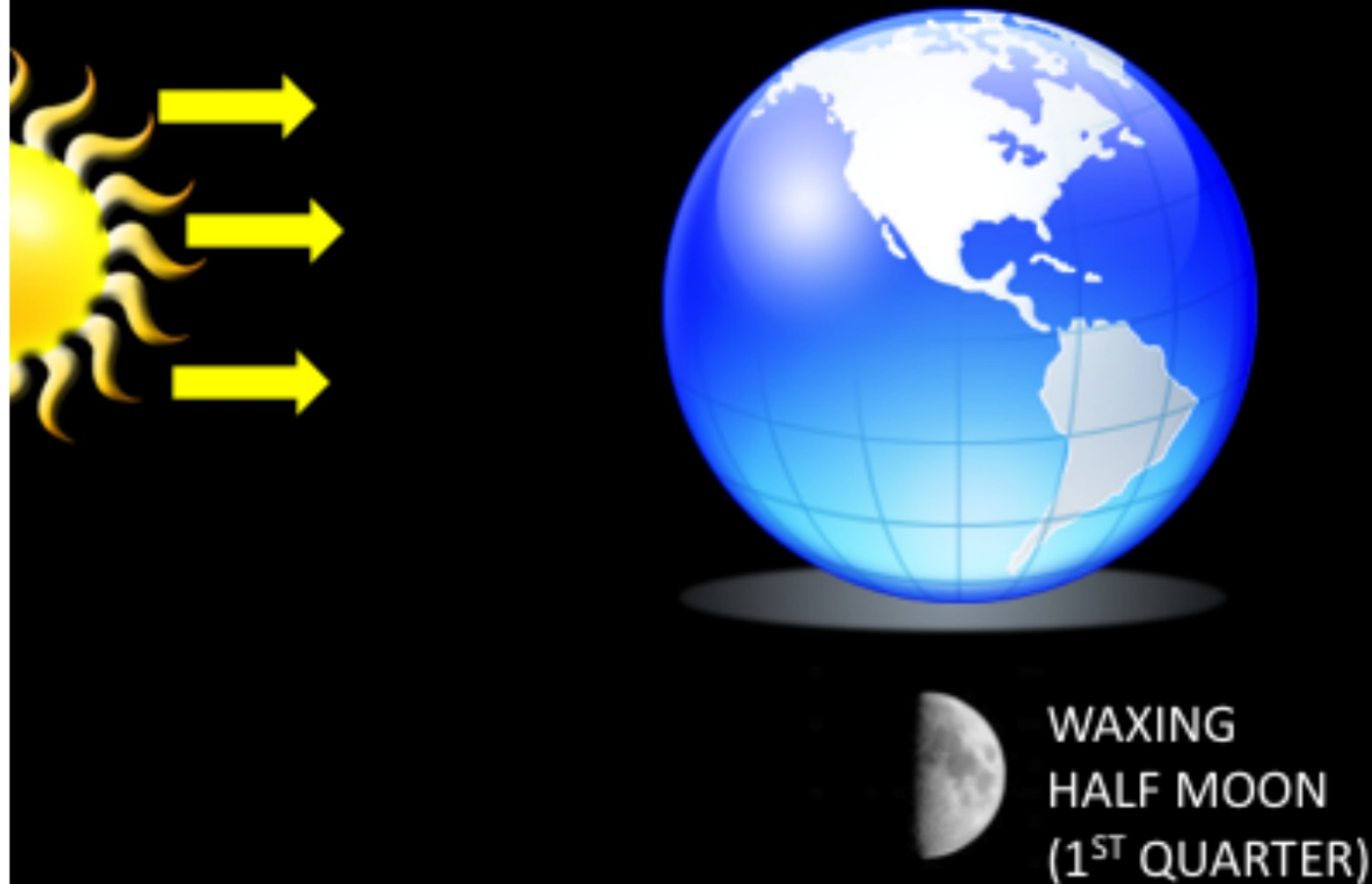
# Diagram of the Moon Phases

The moon is lit by the sun. We can only see a small portion of the lit moon from Earth. It is called a WAXING CRESCENT.



# Diagram of the Moon Phases

The moon is lit by the sun. We can see half of the lit moon from Earth. It is called a WAXING HALF MOON or a FIRST QUARTER MOON.



# Diagram of the Moon Phases

The moon is lit by the sun. We can see a lot of the lit moon from Earth. It is called a WAXING GIBBOUS.





# Diagram of the Moon Phases

The moon is lit by the sun. We can see the entire lit moon from Earth. This is the FULL MOON phase.



# Diagram of the Moon Phases

The moon is lit by the sun. We can see a lot of the lit moon from Earth. This phase is called the WANING GIBBOUS.

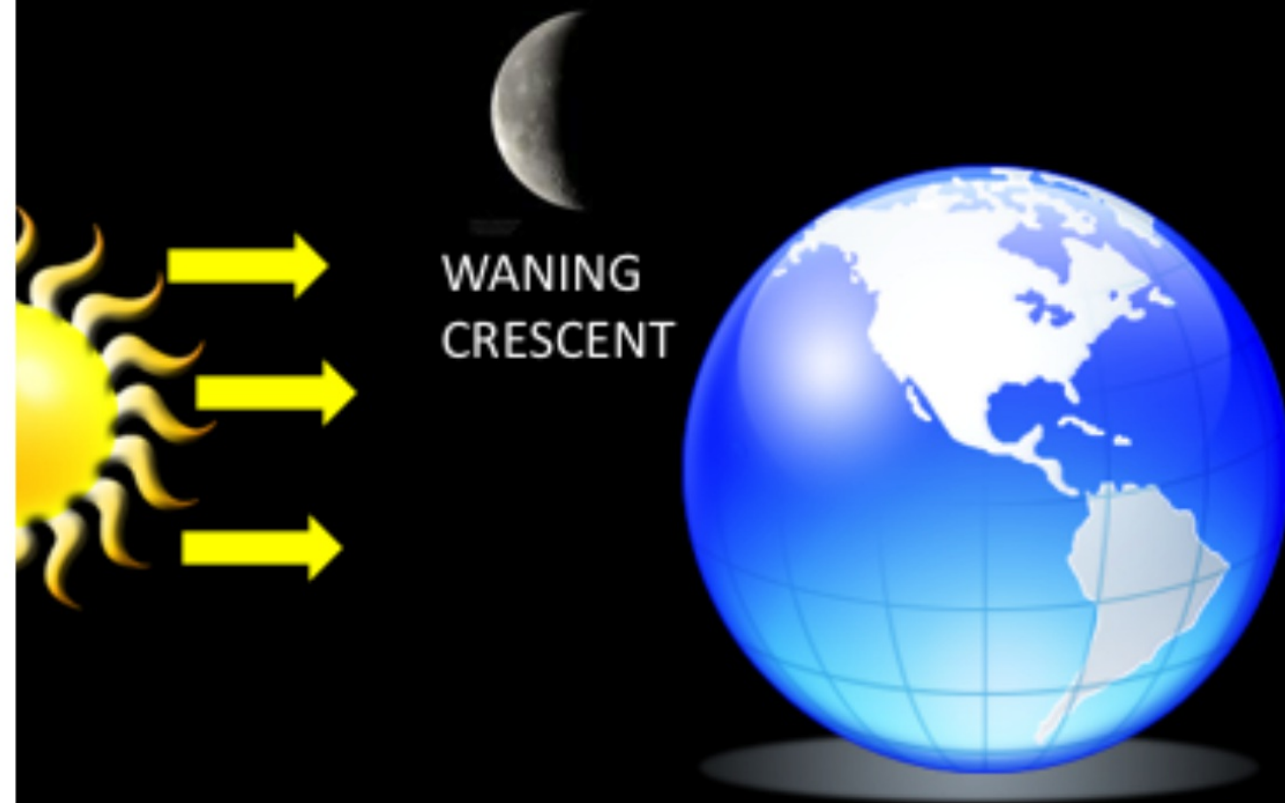


# Diagram of the Moon Phases



The moon is lit by the sun. We can see half of the lit moon from Earth. This is known as the **WANING HALF MOON** or **LAST QUARTER**.

# Diagram of the Moon Phases



The moon is lit by the sun. We can only see a small portion of the lit moon from Earth. This is called the WANING CRESCENT.

## Let's look at the phases all together:



- What does WAXING mean?
- What does WANING mean?
- What is a CRESCENT?
- What is a GIBBOUS?

## Oreo Cookie Moon Phases



**NEW MOON**



**WAXING CRESCENT**



**WAXING HALF  
(FIRST QUARTER)**



**WAXING GIBBOUS**

[www.sciencebob.com](http://www.sciencebob.com)



**FULL MOON**



**WANING GIBBOUS**



**WANING HALF  
(LAST QUARTER)**



**WANING CRESCENT**

