The Moon

What is the Moon?

* What is the moon?
* The Earth has how many moons?
* What do moons orbit?
* What do planets orbit?

Moon Facts

* How many miles away from Earth is the moon?
* Which direction does the moon orbit?
* What are the holes on the surface of the moon called?
* Where does the moon get its light?

Why doesn’t the Moon look the same?

* As the moon orbits around the earth, what shines on it?
* From earth, we can only see certain portions of the lit moon.
* How long does it take for the Moon to make one complete orbit around the Earth?

Throughout a month, the moon’s position changes & we can only see some parts of the illuminated moon.

The Moon causes tides

* What causes tides?
* What are the two types of tides?
* How often a day does high tide occur?

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 \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_.
* The moon is lit by the sun. We can only see a small portion of the lit moon from Earth. It is called a \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_.
* The moon is lit by the sun. We can see half of the lit moon from Earth. It is called a \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_ or a \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_
* The moon is lit by the sun. We can see a lot of the lit moon from Earth. It is called a \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_
* The moon is lit by the sun. We can see the entire lit moon from Earth. This is the \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_ phase.
* The moon is lit by the sun. We can see a lot of the lit moon from Earth. This phase is called the \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_.
* The moon is lit by the sun. We can see half of the lit moon from Earth. This is known as the \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_ or \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_.
* The moon is lit by the sun. We can only see a small portion of the lit moon from Earth. This is called the \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_.

The Phases Build Upon One Another: Draw and label each phase

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