

Earth in the Universe

Test Review



You will be creating questions to the answer choices provided. Your questions should reflect content from this unit.

Think about what the answer choices could be answers to.

Test Question & Answer Vocabulary

position: a way in which something is placed

receiving: be given something, subject to

represents: to stand for

occur: happen

relation: relevance to something else

significant: important, noteworthy

sustain: support

orbit: curved path of a celestial object around something else

physical: relating to the senses, tangible

characteristic: feature, quality

reflective: providing a reflection

ability: skill to do something

gained: secure, obtain

purpose: reason for which something is done

evidence: facts/information to decide if something is true

civilization: society, people

composition: structure, what something is made up of

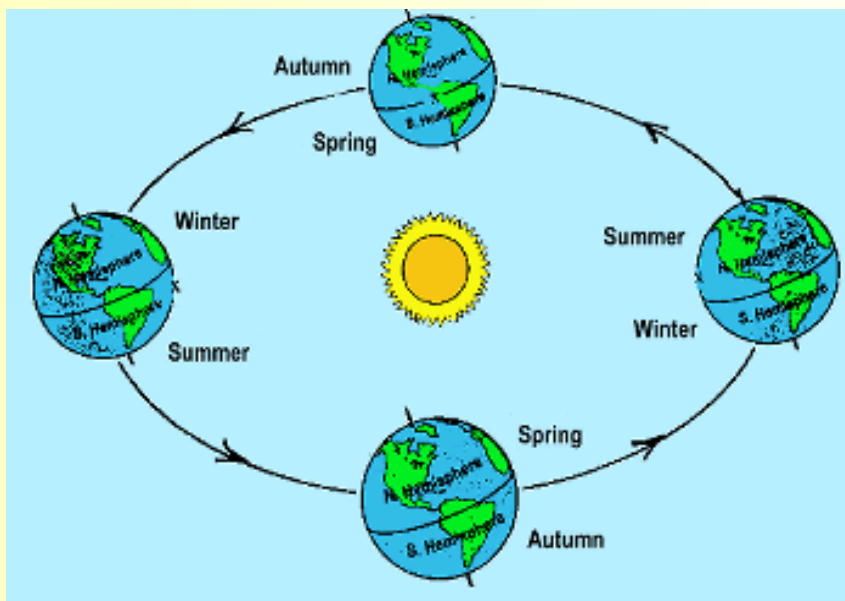
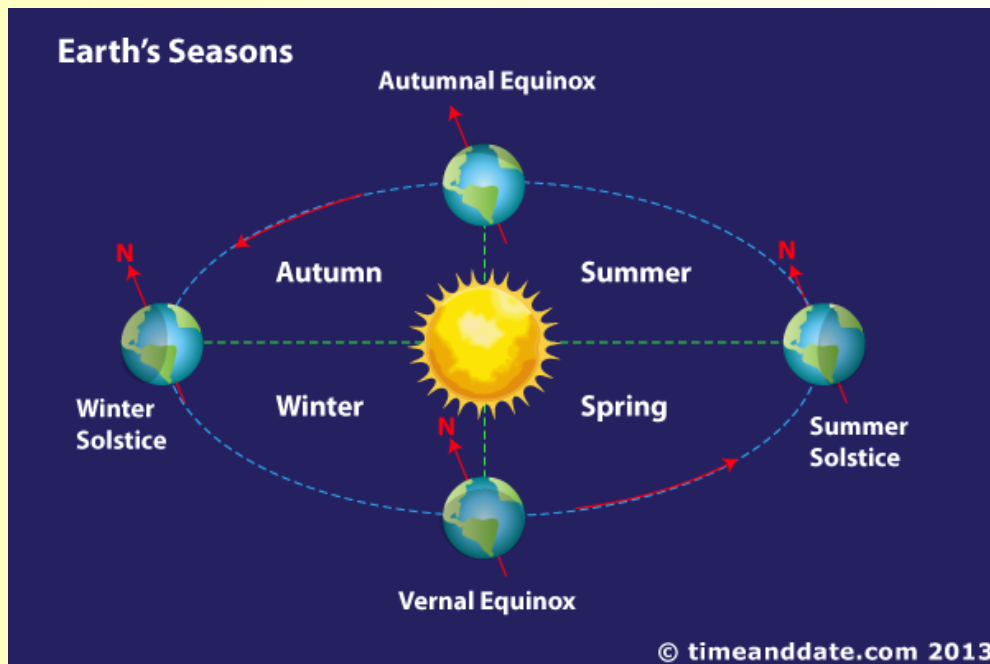
relation: how things are related

enable: allow, give authority to do something

What to Know....

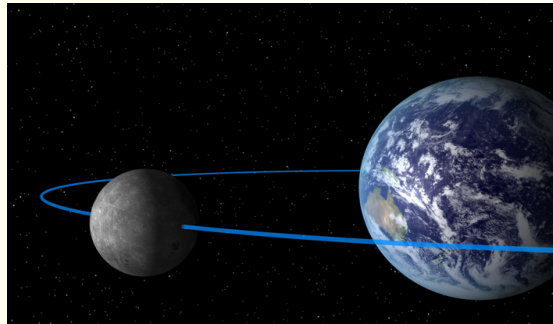
Let's review

* Earth tilts on its axis causing the Earth to have different seasons and amount of sunlight in a day.



* It takes the Earth about 365 days to orbit the Sun.

* It takes about 24 hours for the Earth to rotate on its axis.



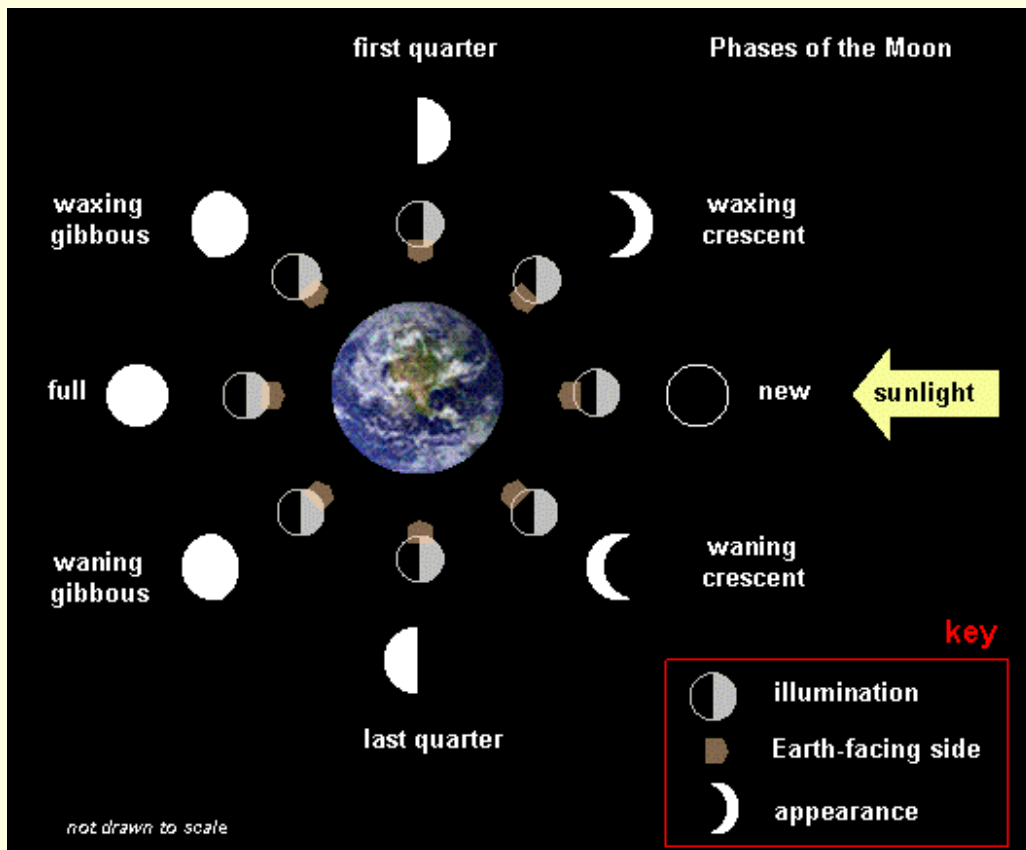
* It takes the moon about 27 days to orbit the Earth.

*It takes the moon about 27 days to rotate on its axis.

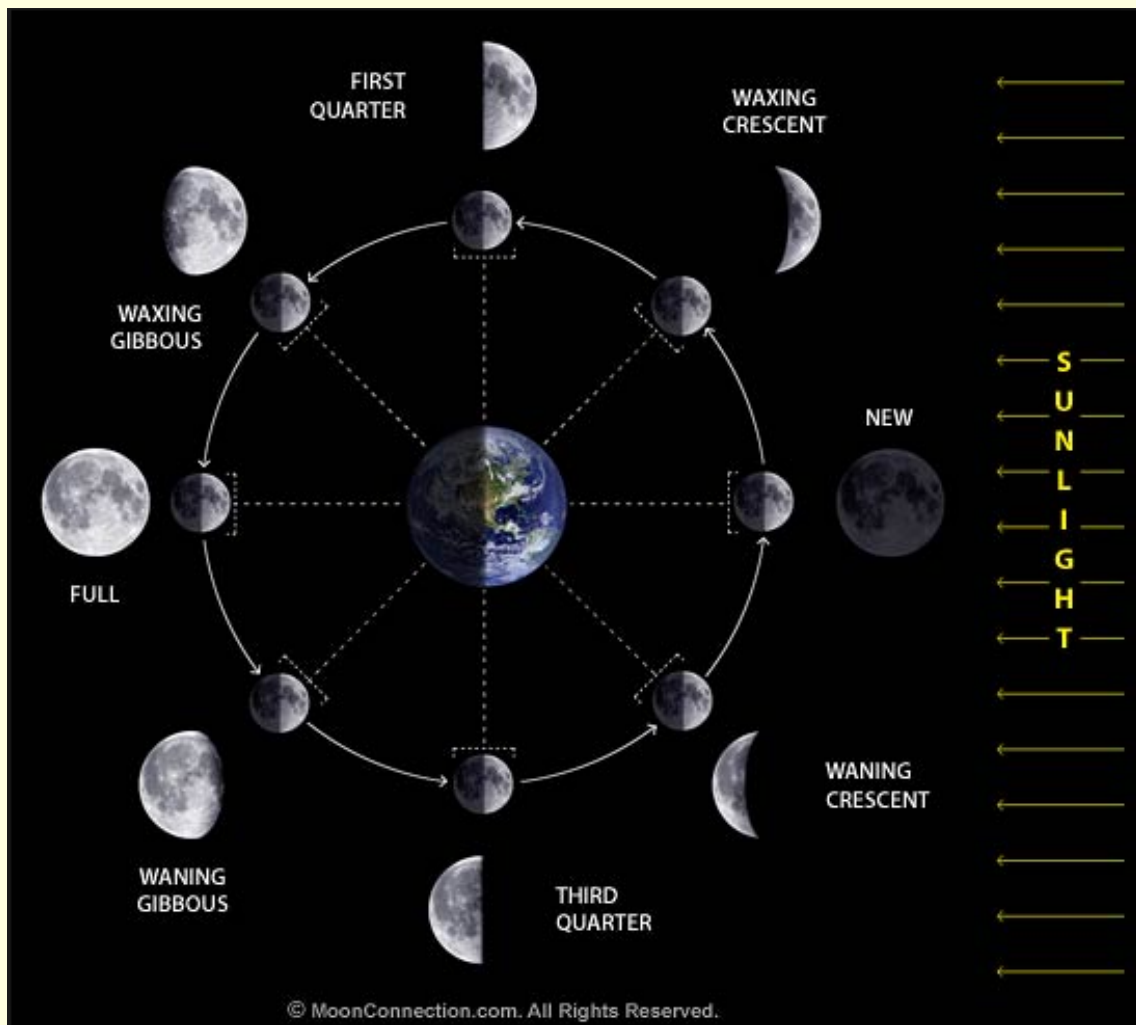
* We ALWAYS see the same side of the moon.

Moon phases

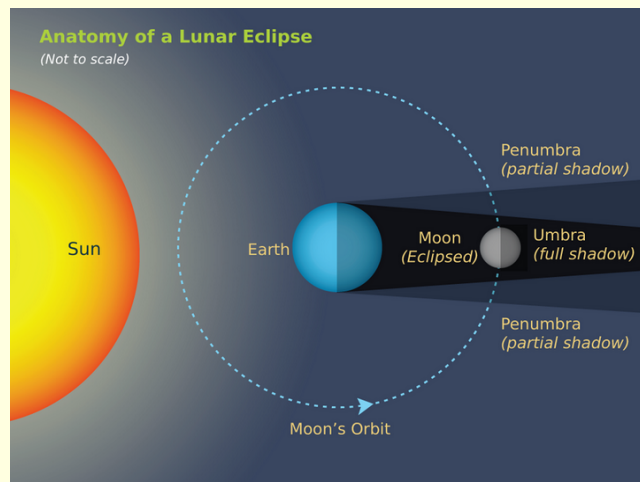
* Notice where the Earth, Sun, and moon are located during a new moon



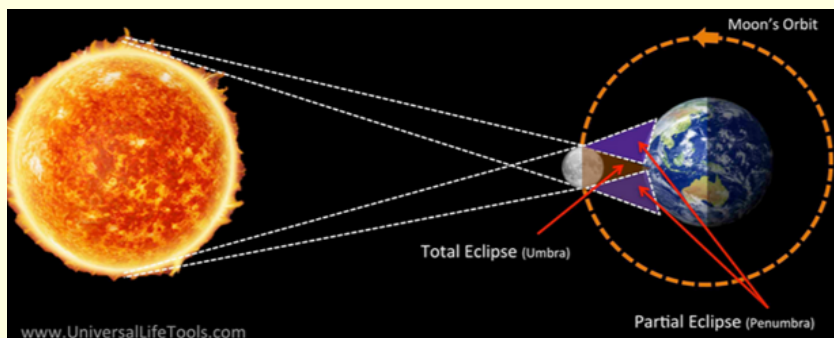
Notice what the moon looks like in each phase



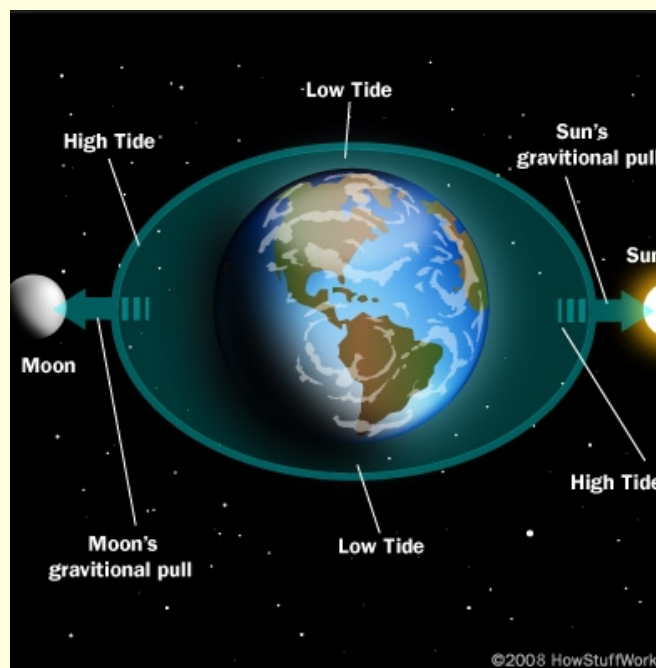
* A lunar eclipse would look like this from space...



* A solar eclipse would look like this...



* Tides are caused by the moon's gravitational pull on the Earth. The pull causes the oceans to change shape.



What is the Earth made of?

- liquid water and rock

What is the Sun made up of?

- gas

Why does Earth sustain life?

- has liquid water (only planet known that has it)
- distance from Sun (not too far or too close)
- atmosphere (made up of oxygen-so we can breathe)



Scientists use many tools to explore the Earth.

(what can we find out with them?)

- telescopes
- satellites
- robots



Astronaut's space suits are designed to protect them and help them survive in space.

