

# Word Wizard

New word ... **Lunar** .....

Symbol/picture



**b, c, t**

It starts with ...



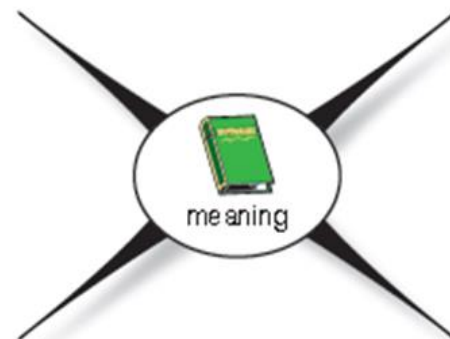
It rhymes with ...



It has ... syllables



Say the word to your partner



Use the word in a sentence .....



Action



Song or Rap



Word Wall



Word Pot

Friday 5<sup>th</sup> March 2021

In Science, I am learning about the moon and why it changes shape?  
Can you explain the lunar cycle?

Lunar cycle satellite orbit  
reflect surface crater.

Think about these questions.

Why is the moon described as a satellite?

Can the moon support life? Why?- think about what living things need to survive.

The moon has lots of craters on its surface. What do you think caused them?

The moon looks so bright in the sky at night- Why?



The moon is a natural satellite of the earth and is a place with no air, no water and no life. It has lots of craters, many of which can be seen with the naked eye, from where it has been hit by meteors. It is brightly lit in the night sky not because it emits its own light but because it reflects the light of the sun. It orbits the earth once every 28 days and as it does so it appears to change shape because of the direction of the sun.



Answer the questions.

Paraphrase the questions in your answers.

Use the correct punctuation!

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- What does waxing and waning mean?
- What is the difference between a crescent and a gibbous moon?

## Shapes of the Moon



Full Moon



New Moon



Crescent

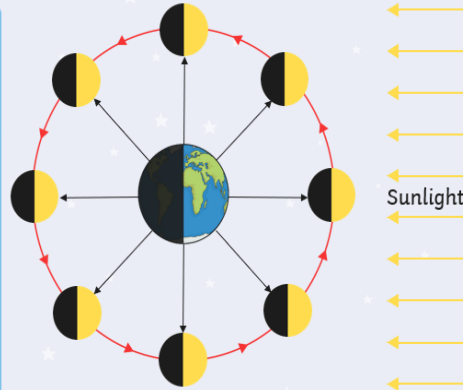


Gibbous

## Why Does the Moon Appear to Change Shape?

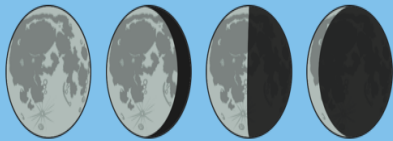
The Moon reflects the Sun's light.

What part we see of the Moon depends on where the Moon is when orbiting the Earth.

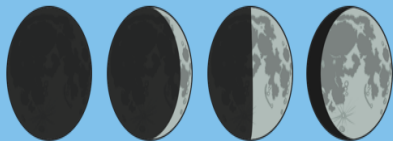


## Waxing and Waning

**Waning** means that we can see less of the Moon.



**Waxing** means that we can see more of the Moon.



## Crescent and Gibbous

A crescent moon is when we can only see a crescent-shaped area of the Moon.



waning crescent moon



waxing crescent moon

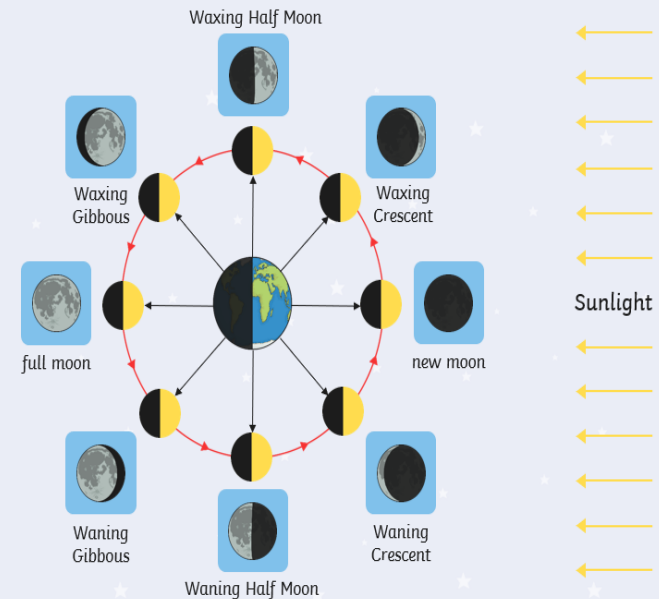
A gibbous moon is when a crescent-shaped area of the Moon cannot be seen.



waning gibbous moon



waxing gibbous moon



In Science, I am learning about the moon and why it changes shape?  
Can you explain the lunar cycle?

Look at the moon phases and lunar calendar. Complete your own calendar. Label each moon is it waxing or waning?

