

The Phases of the Moon

The moon does not shine light, by itself.

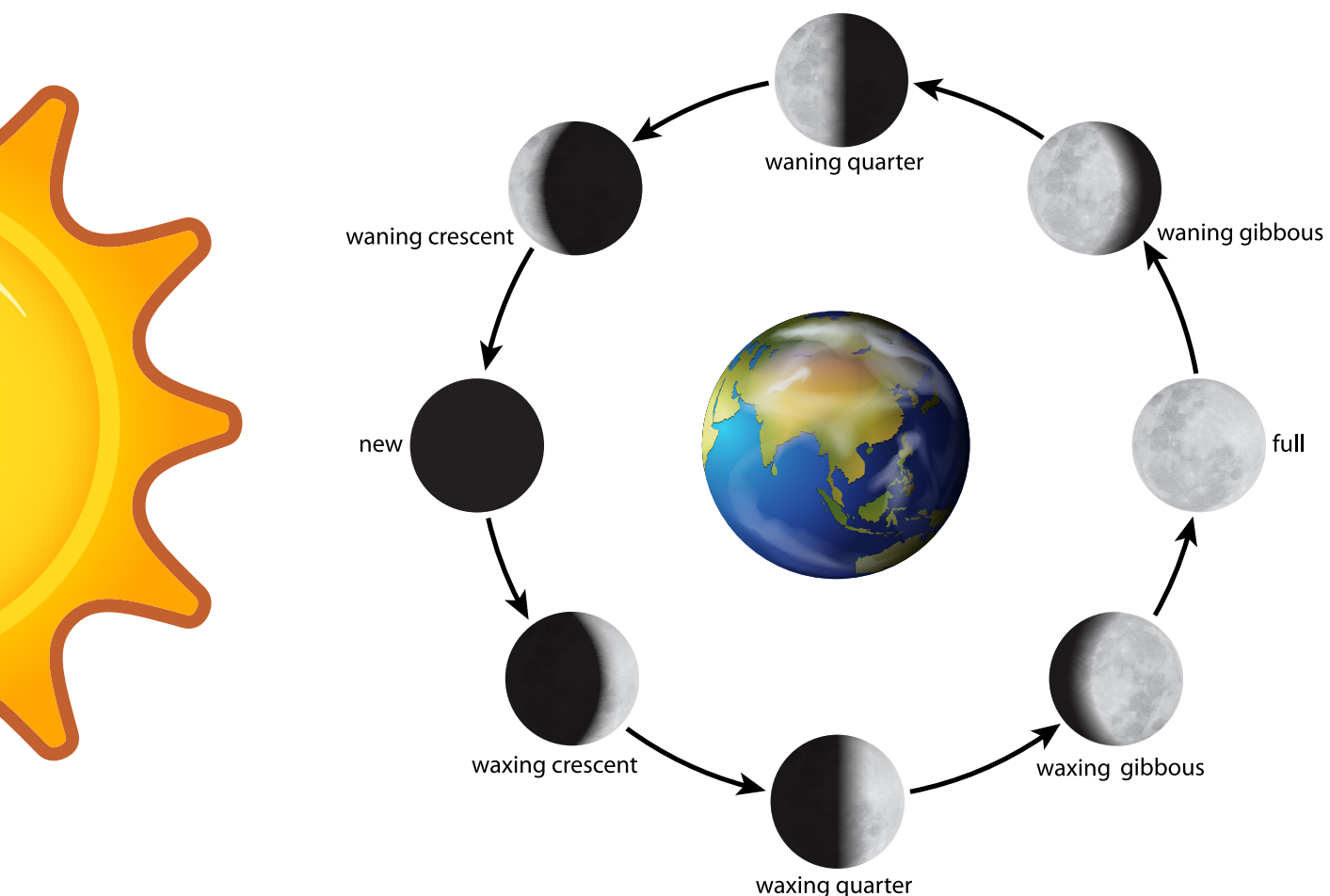
What we see when we look at the moon is the sun's light bouncing off the moon.

Sometimes we only see part of the moon, sometimes we see the full moon, and other times we can't see the moon at all.

Have you ever wondered why the moon looks different in the sky some nights?

Look at the diagram to see how the moon moves around the Earth.

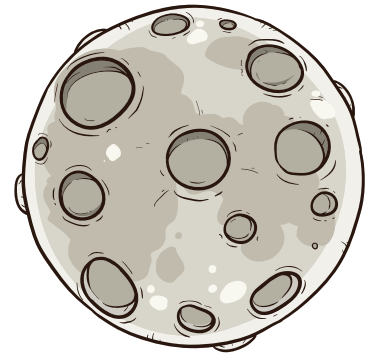
The Moon as seen from Earth



Think Pair Share

With a partner, do some thinking and sharing of ideas about the moon's phases.

Use pictures and words when recording your ideas in the chart.



Draw what the moon looks like when **the moon** is **between** the Earth and the sun.

My partner and I think it is dark because...

Draw what the moon looks like when **the moon** is **one quarter** of the way around the Earth.

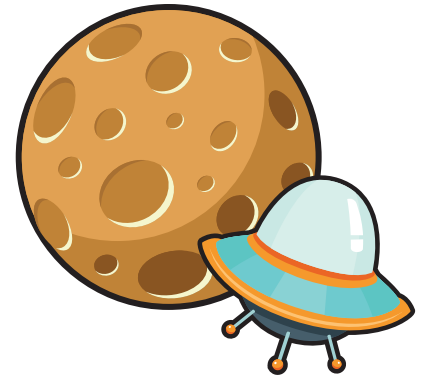
My partner and I think it is partly lit because...



Think Pair Share

With your partner, continue doing some thinking and sharing of ideas about the moon's phases.

Use pictures and words when recording your ideas.



Draw what the moon looks like when **the Earth** is **between** it and the sun.

My partner and I think it is fully lit because...

Draw what the moon looks like when **the moon** has gone **three quarters** around the Earth.

My partner and I think it is partly lit because...

Let's Observe

When my teacher showed how the moon goes around the Earth, I noticed that...

And I noticed...

Let's Conclude

I learned that...

