

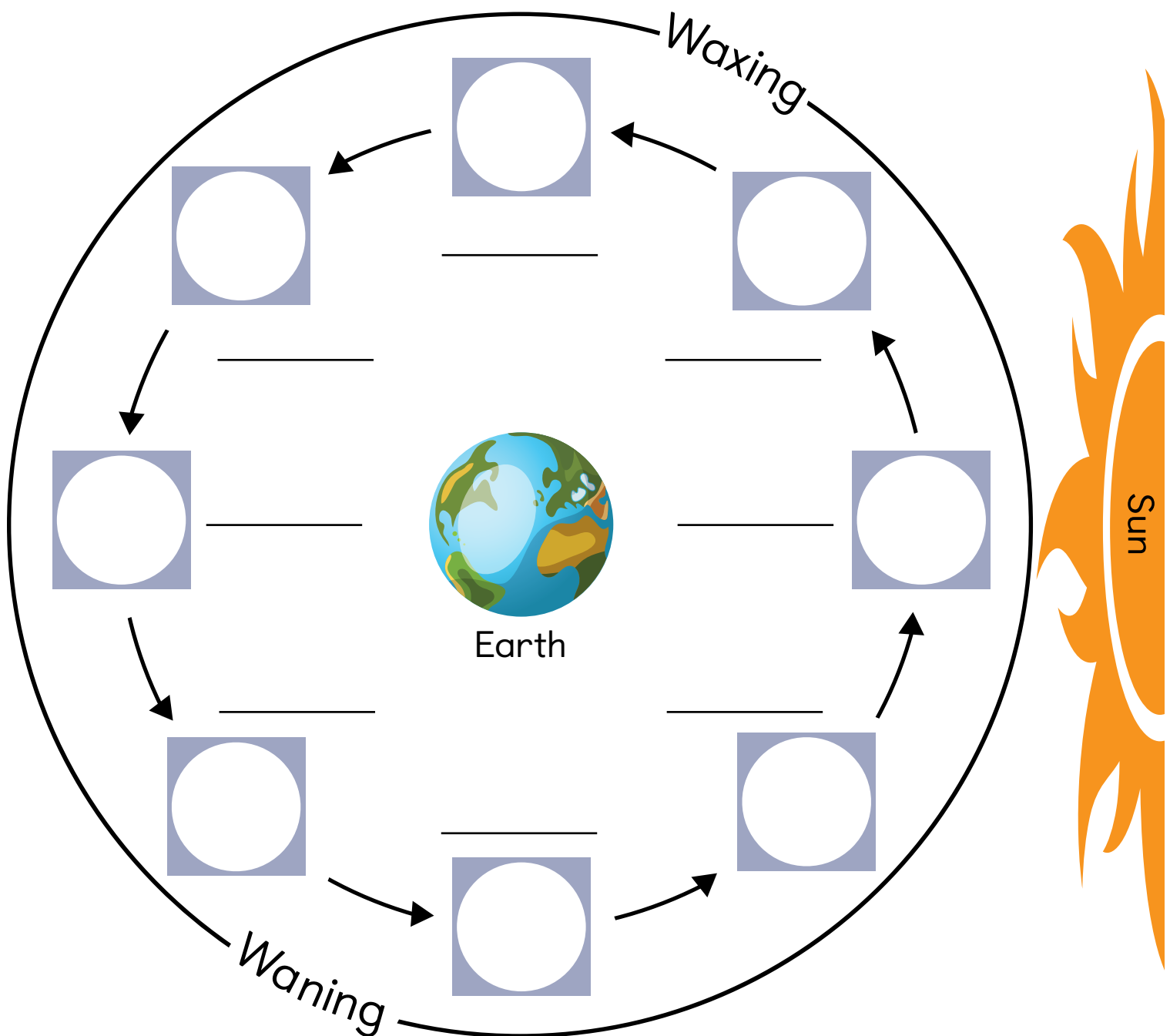
# Moon phases

We see the Moon because sunlight reflects back to us from its surface.

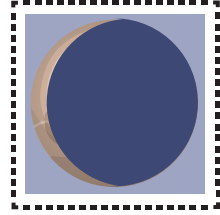
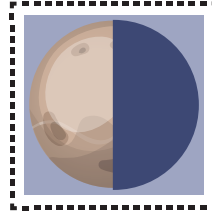
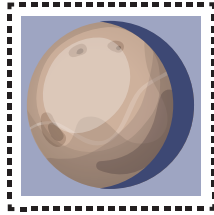
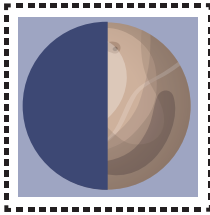
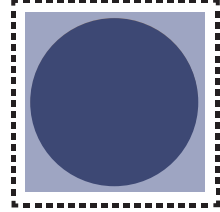
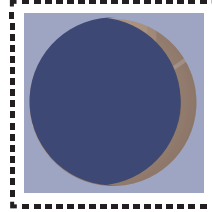
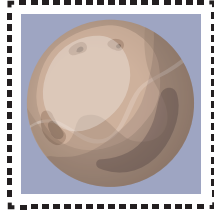
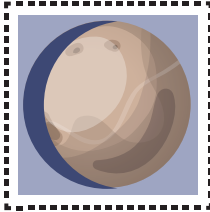
Half of the Moon is always lit by the Sun while the other half is in darkness, but the lit side does not always face the Earth.

As the Moon orbits around Earth, we see different phases depending on the angle the Moon is to the Sun as seen from Earth.

Complete this diagram to show all the phases of the Moon in a month, as the Moon completes one orbit around Earth.



# Moon phases



full moon

new moon

waxing crescent

waning crescent

waxing gibbous

waning gibbous

first quarter

last quarter