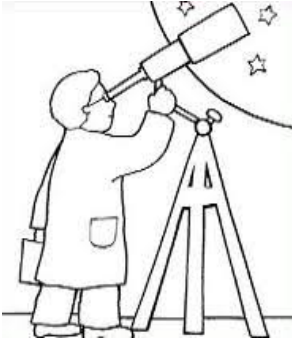


# star

an object in the night sky  
made of burning gas and  
looking like a point of light

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# astronomer

a scientist who studies the  
stars, planets and other  
objects in the sky

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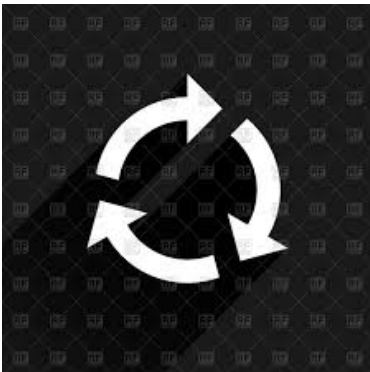


© Can Stock Photo - csp1836051

# satellite

an object (such as a moon)  
that moves around a much  
larger planet

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# rotation

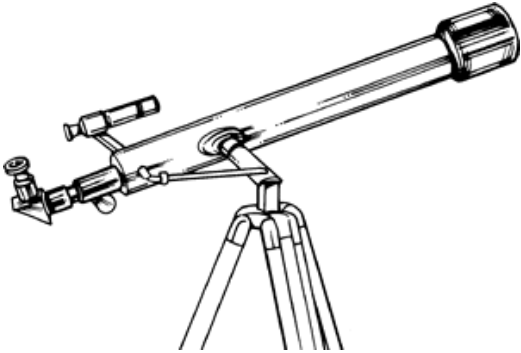
a complete turn around a  
central point



# binoculars

a device that you hold up to your eyes and look through to see things that are far away

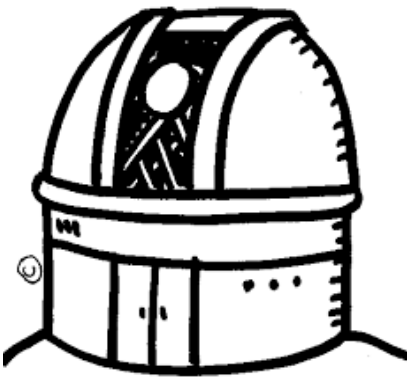
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# telescope

a device shaped like a long tube that you look through to see things that are far away

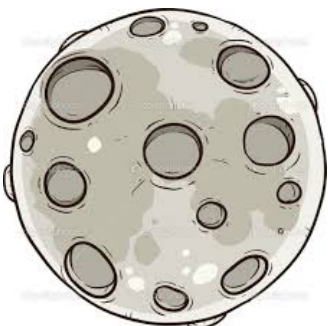
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# observatory

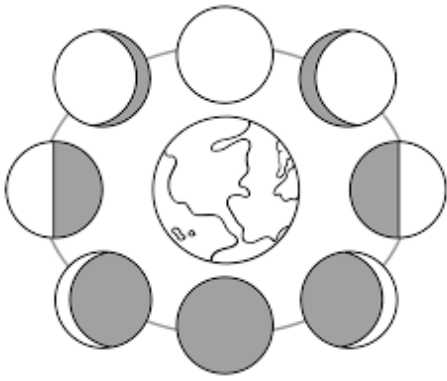
a building from which scientists can study and watch the sky

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# craters

a large round hole in the ground made by something falling from the sky



# phases

a part of step in a process,  
such as the phases of the  
moon

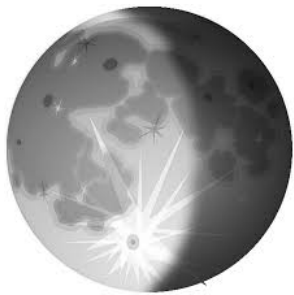
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# waxing

to appear to become larger  
or fuller

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# waning

to appear to become smaller

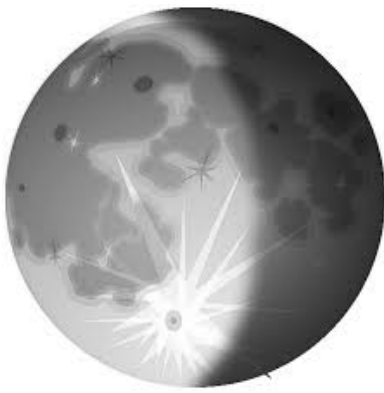
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# crescent

a shape that is curved, wide  
at its center, and pointed at  
its two ends

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# Gibbous moon

when the moon is either  
waxing or waning



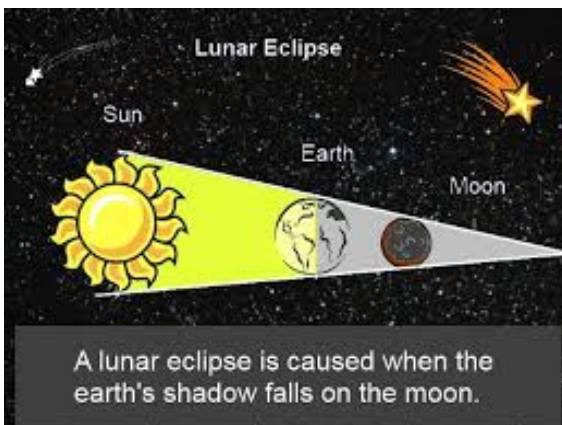
# full moon

the moon when it appears as  
a bright circle



# quarter moon

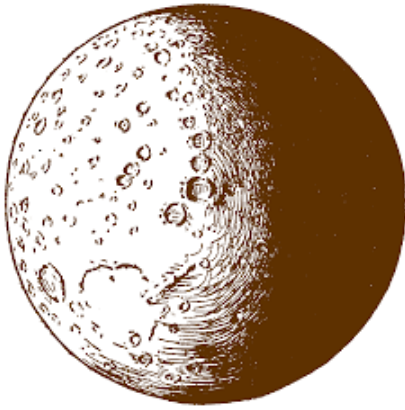
when the moon is a quarter  
of the way around Earth



A lunar eclipse is caused when the  
earth's shadow falls on the moon.

# lunar eclipse

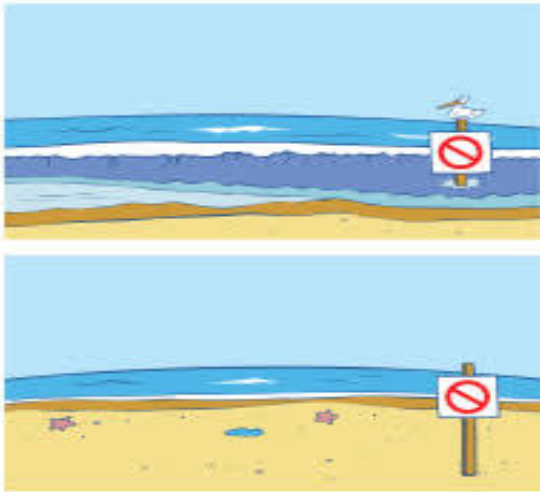
when the moon looks like it is  
covered with a dark circle  
because of the Earth's shadow



# lunar

comes from "Luna", the Latin word for moon

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# tides

the daily rising and falling of the oceans' waters

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