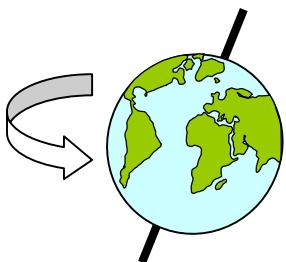


revolve
(revolution)

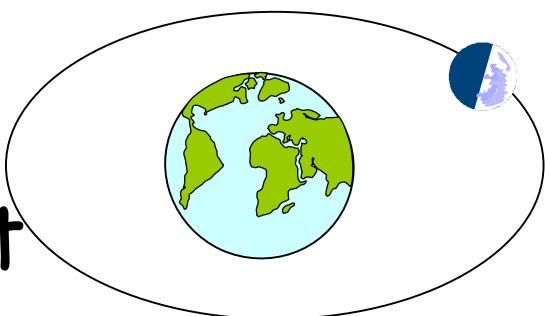
to move in a circle or ellipse around a center; orbit

rotate
(rotation)



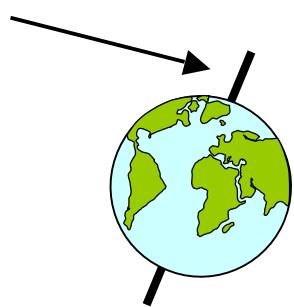
the spinning of an object on its axis

orbit

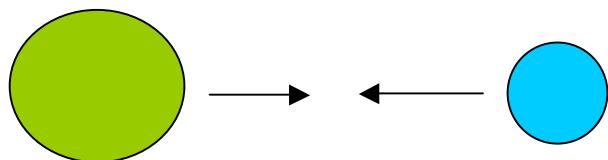


the path one body in space follows as it goes around another body; one complete path around a body

axis



a line through the center of an object on which that object turns



gravity
(gravitational force)

the force that pulls objects toward each other

satellite

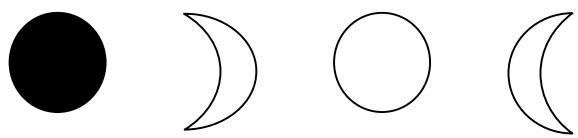


an object that orbits a planet

atmosphere

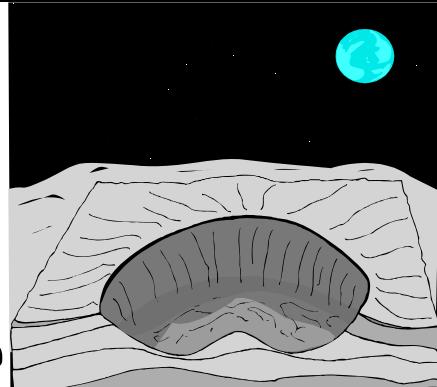


a mixture of gases that surround a planet



phase

one of the different ways we see the moon appear in the sky as it orbits Earth



crater

a bowl-shaped landform on a planet or moon



solar

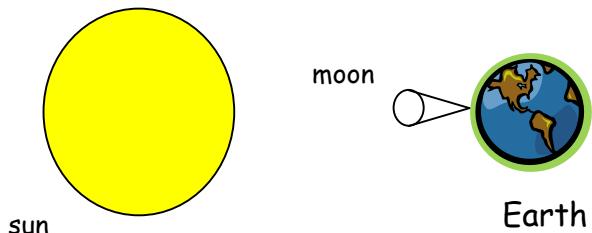
about the sun



lunar

about the moon

solar eclipse



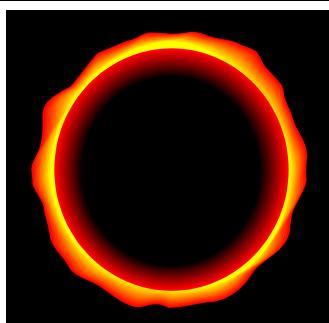
the partial or total blocking of sunlight on Earth by the moon; this occurs when the Earth passes through a new moon's shadow

lunar eclipse



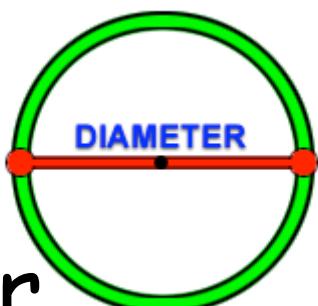
the partial or total blocking of sunlight on the moon by the Earth; this occurs when the full moon passes through Earth's shadow

star



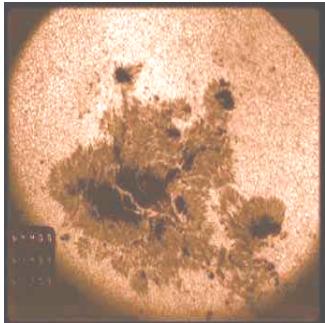
an object in space that produces its own heat and light

diameter

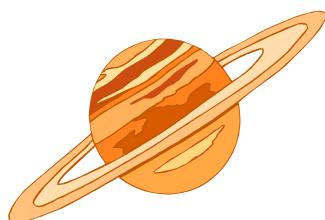


the distance across the middle of a circle

sunspot



dark spots on the sun that are cooler than the rest



planet

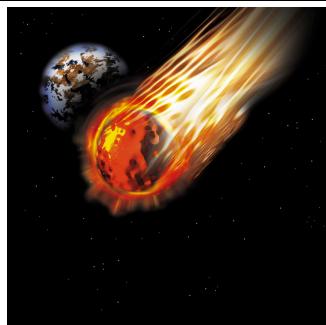
a large body that goes around (orbits) the sun

comet

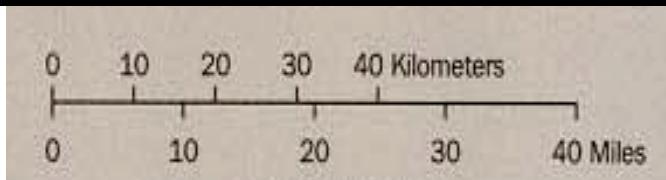


chunk of ice and dust that orbits the sun

asteroid



rocky and metallic objects that orbit the sun that are too small to be considered planets



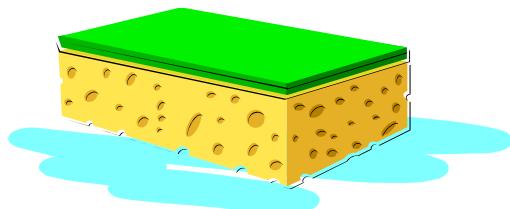
scale

a way to show the relationship between distance on a map and real distance



model

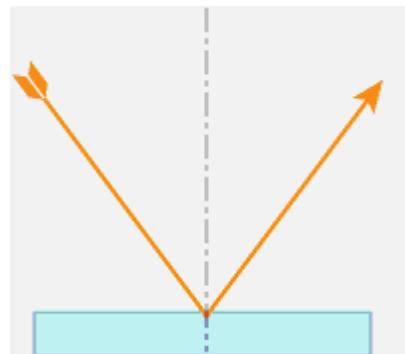
a small object that looks like the real one, but in a smaller size



absorb

to take in and hold

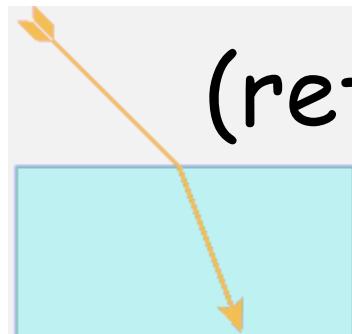
reflect(reflection)



when light rays bounce off of an object

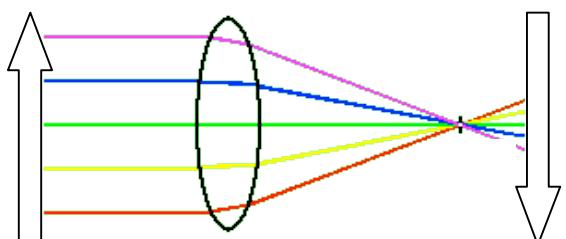
refract

(refraction)



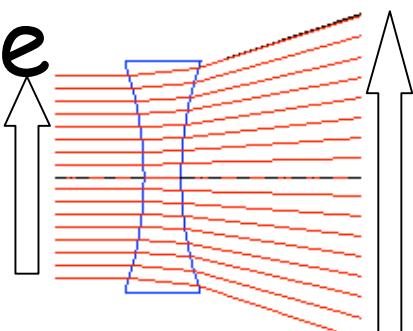
when light rays bend

convex lens



lens with a thick middle and thin edges; light rays bend towards each other

concave lens

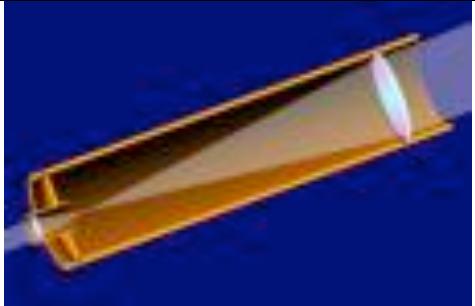


lens with edges thicker than the middle; light rays bend away from each other



telescope

something used to make far away things look close



refracting telescope

a telescope (thing used to make far away things look close) that can see things by bending light through a lens

manned
space
program



United States using people to explore space
