

	Earth, Sun, AND Moon Study Guide
apparent	The "motion" of the Sun (rises in east and sets in west)
axis	An invisible line that runs through the middle of an object. Earth's is tilted and points in the same direction
crater	a hollow pit in the ground
lunar eclipse	when Earth casts a shadow on the Moon
meteors	Large rocks that fall from space
orbit	the path a revolving object takes Earth's orbit around the Sun takes 365 1/4 days. Moon's orbit around Earth takes 30 days.
phases	the apparent shapes of the Moon in the sky
Full Moon	only visible when Earth is between the Moon and Sun
Half Moon	visible when Moon is 1/4 way around Earth
New Moon	visible when lighted side of Moon faces away from Earth
revolution	When one object travels around another
rotation	spinning movement of Earth on its axis that causes night and day Earth rotates counterclockwise every 24 hours.
satellite	any object that revolves around another object
seasons	result of Earth orbiting the Sun on a tilted axis
shadows	formed when light is blocked. Shadows change during the day and always points away from Sun. Shadows are longest at dawn in winter, shortest at midday.
solar eclipse	when the Moon casts a shadow on the Earth
waning moon	less of the lighted side of the Moon is visible each night
waxing moon	more of the lighted side of the Moon is visible each night