

Earth and Space (Astronomy)

energy
radiation
convection
conduction
insolation

Sun
rotation
Foucault pendulum
Coriolis effect
day
apparent path of Sun
angle of insolation (angle of incidence)
duration of insolation
revolution
orbit
year
ellipse
focus (pl. foci) of an ellipse
focal length (of ellipse)
major axis (of ellipse)
perihelion
aphelion
apparent diameter (of Sun, Moon, celestial objects)
orbital velocity
seasons

equinoxes

coordinate system (latitude and longitude)
axis of rotation
axial tilt
North Pole
South Pole
equator
prime meridian
horizon
altitude
zenith
Polaris
Angle of Polaris above horizon (observer's latitude)
local time (solar time)
time zones
Universal (Greenwich) Time

solar system

gravity
telescope
planets
terrestrial planets
Jovian planets
satellites
comet
asteroid
asteroid belt
meteors
impact crater
impact event
mass extinctions
global climate change (as related to impact events)
outgassing

moon phases
tides
eclipse
solar eclipse
lunar eclipse

star
nebula
nuclear fusion
luminosity
Main Sequence star
Red Giant star
supernova explosion
White Dwarf star
constellation

Milky Way galaxy
spiral galaxy
Doppler Effect (red shift)
red shift (Doppler Effect)
microwave background radiation
retrograde motion
Big Bang theory
Universe