

CH 6

**Vocabulary ALL (DUE 1/25)**

electromagnetic radiation  
wavelength  
nanometer  
angstrom ( $\text{\AA}$ )  
frequency  
photon  
spectrum  
gamma rays  
x-rays  
ultraviolet (UV)  
infrared (IR)  
microwaves  
radio waves  
atmospheric windows  
refracting telescopes  
primary lens  
reflecting telescopes  
primary mirror  
eyepiece  
focal length  
chromatic aberration  
achromatic lens  
optical telescope  
radio telescope  
light-gathering power  
resolving power  
diffraction fringes  
magnifying power  
seeing  
light pollution  
prime focus  
secondary mirror  
Cassegrain focus  
Newtonian focus  
Schmidt-Cassegrain focus  
sidereal drive  
equatorial mount  
polar axis  
alt-azimuth mount  
active optics  
photographic plates  
photometers

charge-coupled device (CCD)  
array detectors  
digitize  
representational-color image (false-color image)  
spectrograph  
grating  
spectral lines  
comparison spectrum  
adaptive optics  
laser guide star  
interferometry  
cosmic rays