1 Bohr Model - Energy Levels Light and Atoms

n = 4 n = 5 N = 3 N = 2 N = 1

Electron

orbit

Red spectral

line

Same wavelength can be absorbed

"Excite" the atom

Emitted later on in any direction

Use Spectra to see gas clouds at specific wavelength/frequency

Jump down to lower Energy But Energy Conserved Released as light

Light having same Energy can be absorbed or emitted

Blue-green

spectral line

