Bohr Model

When an e- absorbs energy, it can jump to a higher energy level, or excited state.

An e- will drop back down to its normal ground state as energy is released as light.

Lowest Energy

Long Wavelength

Low Frequency

As Wavelength goes ↑, Frequency goes ↓.

Highest Energy

Short Wavelength

High Frequency

As Frequency goes ↑, Energy goes ↑.