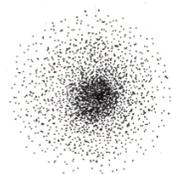
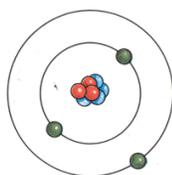
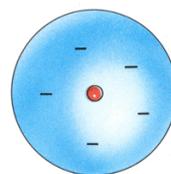
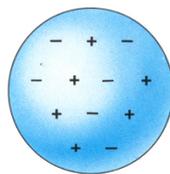
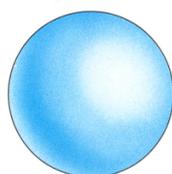


Intro to Bohr Model

Flame Test Lab

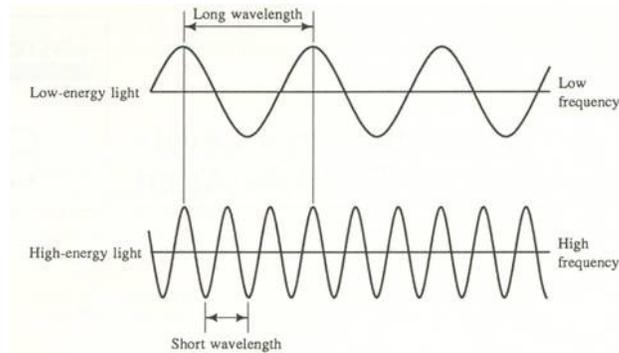
Flame Test Lab



The Bohr Atom

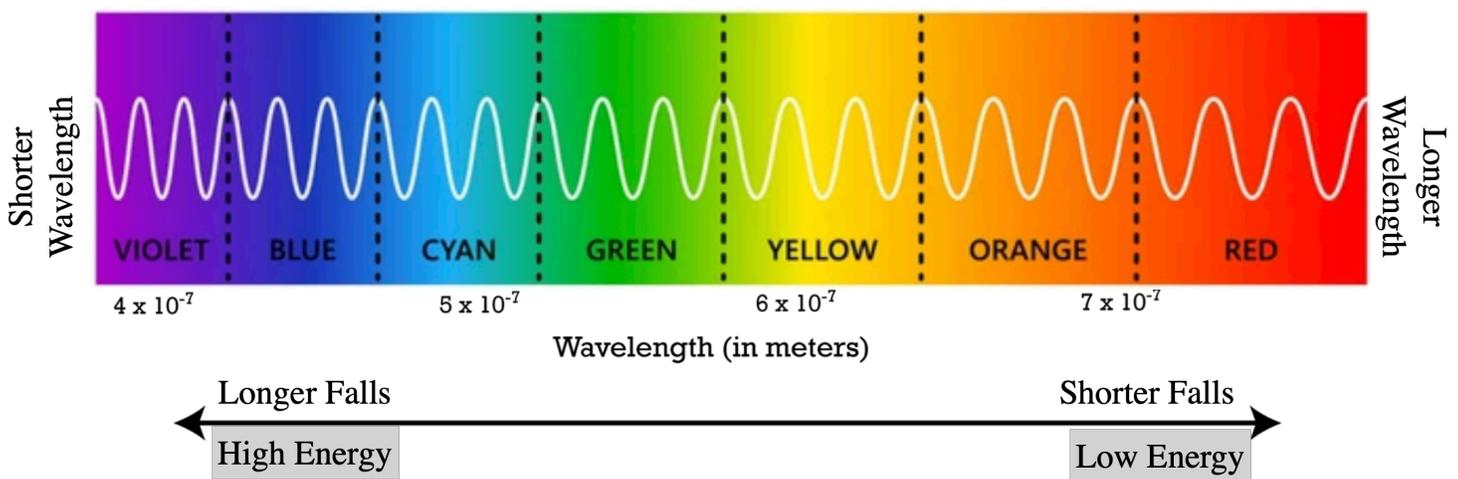
Important Things to Know About Light and Electrons:

- Light is a wave of energy released from falling electrons
 - Waves are described by their wavelength
- To create these falls, we add energy to the electrons
 - This causes them to jump into an **excited state**
 - When they return to their **ground state**, they release the energy as light
- The color of the light tells us how far the electron fell
 - Shorter Falls \Rightarrow Lower Energy \Rightarrow Longer Wavelength \Rightarrow Redder Light
 - Longer Falls \Rightarrow Higher Energy \Rightarrow Shorter Wavelength \Rightarrow "Violet" Light



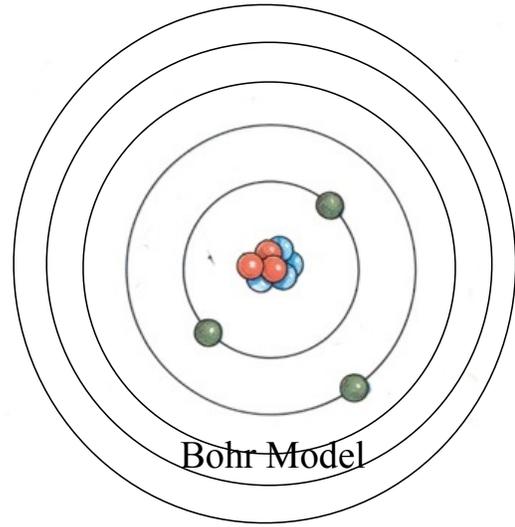
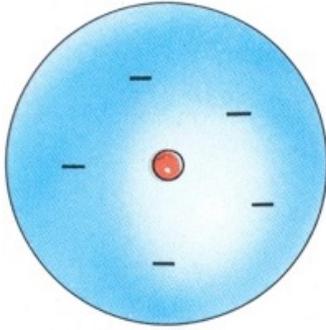
Flame Test Lab

ROYGBIV



The Quantum Atom

ROYGBIV



Bohr Model