

Mrs H's BOHR MODEL OF THE ATOM

<u>What</u>	<u>How it is shown in the model</u>
Electrons are bound in atoms	
Electrons are found in certain orbits	
Energy levels get closer together, the energy difference between levels decreases as	
Electrons cannot be between energy levels	
Electrons rapidly return to a lower energy level	
An electron has 0J of energy when it.....	
Electrons are excited	
Electrons can lose energy, when they	
Photons have different energies given by the formula: $E=hf$ where $h=$ f	
Electrons have negative energy when	
Electrons can gain their energy in two ways <ul style="list-style-type: none"> • Collision with another electron • Absorption of a photon 	
Absorption spectra are examples of	
Emission spectra are examples of	
Electrons have kinetic energy when.....	
A photon will not be absorbed if	