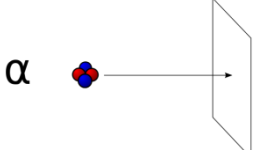
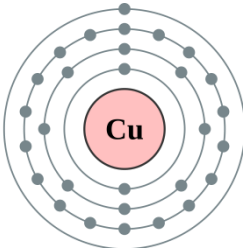
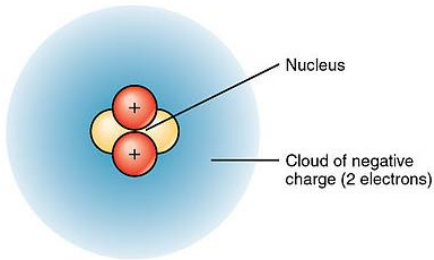
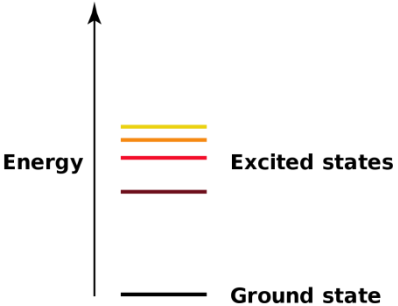
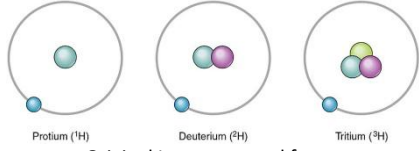
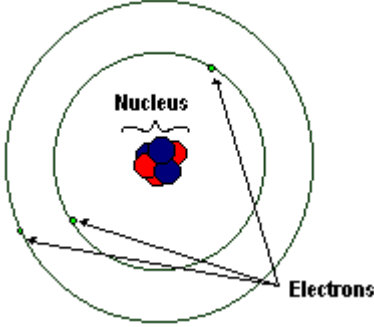
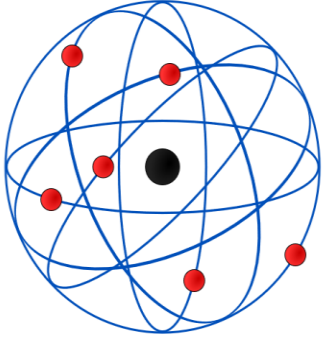
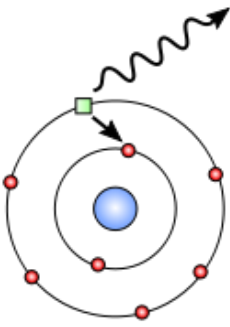


# Models of the Atom Vocabulary Task

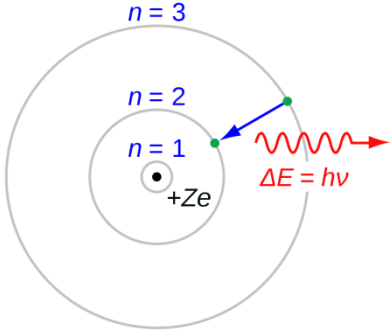
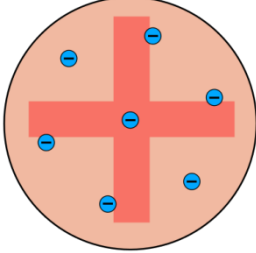
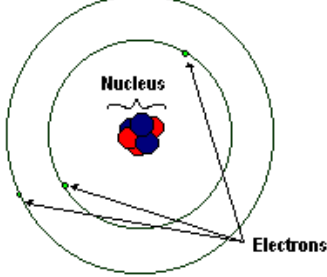
For each term, give the definition, example or sample.

Hint	Term	Definition/Example/ Sample
 <p>α</p> <p>Cropped image sourced from:  <a href="https://commons.wikimedia.org/wiki/File:Alfa_beta_gamma_radiation.svg">https://commons.wikimedia.org/wiki/File:Alfa_beta_gamma_radiation.svg</a> CC-BY-2.5</p>	Alpha particle	
 <p>Cu</p> <p>Unaltered Image sourced from:  <a href="https://commons.wikimedia.org/wiki/File:Electron_shell_029_Copper_-_no_label.svg">https://commons.wikimedia.org/wiki/File:Electron_shell_029_Copper_-_no_label.svg</a> CC-BY-SA-2.0-UK</p>	Electron	
 <p>Nucleus</p> <p>Cloud of negative charge (2 electrons)</p> <p>Cropped Image sourced from: Anatomy &amp; Physiology, Connexions Web site.  <a href="https://cnx.org/contents/FPtK1z mh@6.27:uC1BEgn@4/Elements-and-Atoms-The-Building-Blocks-of-Matter">https://cnx.org/contents/FPtK1z mh@6.27:uC1BEgn@4/Elements-and-Atoms-The-Building-Blocks-of-Matter</a> CC- BY 4.0</p>	Electron cloud model	
 <p>Energy ↑</p> <p>Excited states</p> <p>Ground state</p> <p>By SVG: Hazmat2Original: Rozzychan - This file was derived from: Energylevels.png, CC BY-SA 3.0,</p>	Energy level	

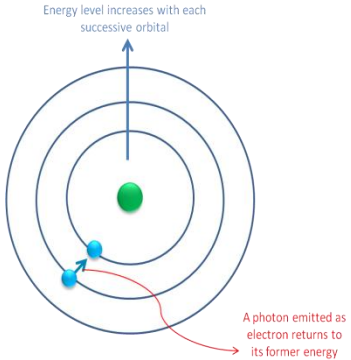
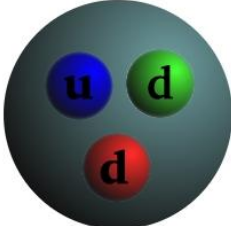
# Models of the Atom Vocabulary Task

<p><a href="https://commons.wikimedia.org/w/index.php?curid=35220791">https://commons.wikimedia.org/w/index.php?curid=35220791</a></p>  <p>Protium (<math>^1\text{H}</math>)      Deuterium (<math>^2\text{H}</math>)      Tritium (<math>^3\text{H}</math>)</p> <p>Original Image sourced from:  <a href="https://cnx.org/contents/FPtK1zmh@6.27:uC1BEgbn@4/Elements-and-Atoms-The-Building-Blocks-of-Matter">https://cnx.org/contents/FPtK1zmh@6.27:uC1BEgbn@4/Elements-and-Atoms-The-Building-Blocks-of-Matter</a>          CC-BY-3.0</p>	<p>Isotope</p>	
 <p>Image sourced from:  <a href="https://commons.wikimedia.org/wiki/File:Simple_atom_(lithium).png">https://commons.wikimedia.org/wiki/File:Simple_atom_(lithium).png</a> CC-BY-SA-3.0</p>	<p>Neutron</p>	
 <p>Image sourced from: <i>The nuclear model of the atom.</i> <a href="#">Image of Rutherford atom</a> from Wikimedia Commons, <a href="#">CC-BY-SA-3.0</a>.</p>	<p>Nuclear Model</p>	
 <p>Image sourced from:</p>	<p>Photon</p>	

# Models of the Atom Vocabulary Task

<p><a href="https://commons.wikimedia.org/wiki/File:Sem_X_photon.svg">https://commons.wikimedia.org/wiki/File:Sem_X_photon.svg</a> CC-BY-SA-3.0-migrated</p>		
 <p>By JabberWok, CC BY-SA 3.0,  <a href="https://commons.wikimedia.org/w/index.php?curid=2639910">https://commons.wikimedia.org/w/index.php?curid=2639910</a></p>	Planetary model	
 <p>Image sourced from:  <a href="https://commons.wikimedia.org/wiki/File:Plum_pudding_model.svg">https://commons.wikimedia.org/wiki/File:Plum_pudding_model.svg</a> CC-BY-SA-4.0</p>	Plum pudding model	
 <p>Image sourced from:  <a href="https://commons.wikimedia.org/wiki/File:Simple_atom_(lithium).png">https://commons.wikimedia.org/wiki/File:Simple_atom_(lithium).png</a> CC-BY-SA-3.0</p>	Proton	

# Models of the Atom Vocabulary Task

 <p>Energy level increases with each successive orbital</p> <p>A photon emitted as electron returns to its former energy level</p>	Quantum model	
 <p>Image sourced from: <a href="https://commons.wikimedia.org/wiki/File:Neutron_quark_structure.jpg">https://commons.wikimedia.org/wiki/File:Neutron_quark_structure.jpg</a></p>	Quarks	