Proof: Unit 4 Chapter 4 Arrangement of Electrons in Atoms  Vocabulary: Target 04-01 Waves and Particles				
<b>vocabulary: Target 04-0</b> photon	frequency	wavelength	ground state	
excited state	photoelectric effect	electromagnetic radiation	excited state	
line-emission spectrum	noble gas	continuous spectrum	electromagnetic spectrum	
and composition appearance		Continuous speed uni		
EARNING STANDARD		OUR PROOF:		
<b>Farget 04-01</b> Use Bohr'				
explain how atoms give	off different forms of			
electromagnetic energy	and to explain how energy			
evels can be measured				
"I can" Statements:	41 41 41 1			
	the mathematical			
_	nong the speed, wavelength,			
	of electromagnetic			
radiation.				
	ass the significance of			
	toelectric effect on the			
model of the a	tom.			
04-01 c. Descr	ribe the evidence supporting			
the dual wave-	-particle nature of light.			
04-01 d. Expl	ain how the line-emission			
	ydrogen was used to develop			
Bohr's model	=			
	line-emission spectra to			
identify eleme				
identity cieme	iito.			
Rate Your Level of Unde	erstanding:			
1 2 3	4			
need to focus on:		1		

Proof: Unit 04 Chapter 4 Arrangement of Electrons  Vocabulary: Target 04-02 Locate Electrons  electron configuration	
electron configuration Aufbau Principle Quantum Aufbau Principle Orbital Augular momentum quantum number Augular momentum quantum number Orbital notation  Pour proof  Target 04-02 Describe the contents of the nucleus and calculate average atomic mass.  "I can" Statements:  04-02 a. Explain how the Heisenberg Uncertainty Principle and the Schrodinger Wave Equation led to the quantum model of the atom.  04-02 b. List the total number of electrons needed to fully occupy each main energy level.  04-02 c. Write the four quantum numbers for any electron.  04-02 d. Write the orbital notation and electron configuration for any element in atomic and ionic form.  04-02 e. Explain how the Aufbau Principle,	
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Rate Your Level of Understanding:  1 2 3 4  I need to focus on:	