Cornell Notes	Topic/Objective: Electron Configurations	Name:	
		Class/Period: Chemistry	
Decades of College Dreams		Date:	
Essential Question: Where are electrons located in the atom?			
Questions:	Notes:	Notes:	
More Atomic	Niels Bohr:	Niels Bohr:	
Theory			
	Erwin Schrödinger:		
	Quantum Mechanical Mod	el:	
What shapes	do Atomio Orbitale	Atomic Orbitals	
atoms take?			
aloms lanes			
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	Z Z Z	p ₀ ^ p ₁ ^	
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How do you	Electron Configurations:
determined where	
the electrons are	
located?	
	The Rules:
	Aufbau Principle:
	7s 6d 5f 7s
	6s 5d 4f 25 2p
	- Note: the energies of the d and f levels vary with - fs for fd -
	2s their occupancy.
	1s S.K. Lower
	Pauli Exclusion Principle:
	Hund's Rule:
Summary:	