Atomic Theory Worksheet

Historical Development of the modern model of the atom.

Draw below the model of the atom proposed be the following individuals			
Dalton (1800)	Thompson (1	897)	Bohr (1913)
How did Thompson's mode	el differ from Da	ulton's model?	
The gold foil experiment resulted in two major discoveries which were made about the structure of the atom. What were they?			
1.	•		
2.			
How is an atomic spectra propour answer.	roduced? Use tl	ne terms ground and ex	cited state electrons in
How does the Bohr model r spectra)?	represent electro	ns around the central n	ucleus? Why (think of
The modern model of the at mechanical model electrons finding an electron in a cert a. shells b. orbitals	are located aro	und the nucleus based of	