			Date	Hour			
ysica	al Science	е	Guided Reading 16-1	Structure of the Atom			
1.	Define	the following					
	a.	Atom					
	b.	Nucleus					
	C.	Proton					
	d.	Neutron					
	e.	Electron					
	f.	Electron cloud	d				
2.	What a	/hat are chemical symbols?					
3.	How do	we write a ch	emical symbol? Look at table	1, give 3 examples of elements and	their sym		
4.	How ar	e elements na	med? (3-different ways)				
	 What a	re the 3 subato	omic particles that compose e	very atom?			
5.							
5.6.		ete the following	ng chart about subatomic par	icles			
			ng chart about subatomic part	icles			
		Loc					
	Comple	Loc					
	Proto Neutr Electr	Loc n on on	rations within the atom	Charge			
	Proto Neutr Electr	Loc n on on	rations within the atom				

Who	first proposed the existence of	f atoms?	
Exam	nine figure 4, sketch each of th	e models proposed by Democritus, Thomson	, Rutherford, and Bo
	Democritus	Thomson	
	Rutherford	Bohr	
	Rutherroru	Botti	
-		v information about electrons, explain the dif	
Bohr	model and the electron cloud	model	