Evaluation rubric.

	3	2	1	0
Distinguishing	Student notes	Student notes	Student notes	Student does
aspects of	that Rutherford	that Rutherford	that Rutherford	not note
Ernest	proposed a	proposed a	proposed a	distinguishing
Rutherford's	nuclear atomic	nuclear atomic	nuclear atomic	aspects of
atomic model	model that	model that	model.	Rutherford's
	suggested that	suggested that		model.
	positively	positively		
	charged	charged		
	particles are	particles are		
	located in the	located in the		
	center of the	center of the		
	atom,	atom, and		
	introduced the	introduced the		
	nucleus	nucleus		
	concept, and	concept.		
	discovered that			
	the atom is			
	mostly empty			
	space.			
Link to nature	Student	Student relates	Student relates	Student does
of science	correctly relates	Rutherford's	NOS aspects to	not relate
(NOS) aspects	Rutherford's	study to only	Rutherford's	Rutherford's
	study to NOS	one or two	study; however,	study to NOS
	aspects, namely	NOS aspects.	he or she makes	aspects.
	inference,		some incorrect	
	observation,		links between	
	empirical basis,		Rutherford's	
	and		study and NOS.	
	tentativeness.			
Comparison of	Student	Student	Student	Student does
Rutherford's	compares the	compares the	compares the	not compare the
atomic model	three atomic	three atomic	three atomic	models.
with John	models in terms	models in terms	models;	
Dalton's and	of parts of the	of one or two of	however, the	
J.J.	atom,	the points,	comparison	
Thompson's	subatomic	namely parts of	includes some	
atomic models	particles, and	the atom,	incorrect	
	volume of the	subatomic	information.	
	atom and	particles, and		
	nucleus.	volume of the		
		atom and		
		nucleus.		