Note To	aking Guide:	Episode 301		Name	
Model:		idea used to	o explain	facts _	in
Theory:	An	of	facts	and	<u>_</u> .
		To remain valid	, models and t	theories must:	
		all known to mo			
<u>Democri</u> •	proposed th	e from the	_ of an wore	 d v	vhich means
	<u>e</u> 	the	of the _	or "indivisible' 	
		osed that ato			
•	are of the of		are _ are		ratios to form
J.J. Th					
•		atom		: a blow to _	
•	proposed th	e _ charged	em	_ model of the _ bedded in a ball	: of:

utherford's Gold	-foil Experiment:		
	·	at	
	passed		
	particles were		
•	particles even _		
onclusions of Ru	therford's experimer	<u>nt:</u>	
•	of the	is	
•		charged	
		3	
	The Che	emistry Quiz	
CR1.	<i>C</i> R2	1.	2
<u></u>			
	2	_	