Name				
BrainPOP: Atomic Model Movie				
How do we know what atoms look like if we can't see them?				
Atoms are small, real small; too small to that tell them thin	•			
can't see what's inside the box, but shaking it can give you clues as to what is inside. It's the same with atoms.				
Using means, s	scientists have be	een able to construct		
different models of the atom. This atomic model has taken years and years to build and people still tweak it now and again, hopefully making it more accurate.				
		•		
At the beginning of the 19th century, Englishman <b>John Dalton</b> built an atomic model called the <b>Atomic Theory of Matter</b> . According to his theory: Each type of				
matter is made of only type of				
group called an				
identical. For example, gold atoms mak	•			
These atoms are way too small to see. created, divided into smaller parts, or de		eved atoms could not be		
About 100 years after Dalton British so	ientiet I I Thom	sean discovered the		
About 100 years after Dalton, British scientist <b>J.J. Thomson</b> discovered the				

Name		Class	Date
	BrainPOP: A	Atomic Model Mo	vie
a positively charged a electrons are chocolat	rea. Think of it leed to be chips. The dien be answered.	like the atom is o scovery of electr	nust be stuck all throughout cookie dough and the ons was a big deal. But it positive particles holding
team set up to answer charged alpha particle particles could pass righthe gold atoms must be some of the particles of that a gold atom must named this mass the _	some of these s at sheet of reght through the e made of mostid bounce off, have some ver	questions. They ally thin gold foil thin gold foil, Rutlyso Rutherford respond to the called the	therford hypothesized that space. But vised his hypothesis to say charged mass. He
	y an electric fie	eld at all. Alpha p	ew particles in the nucleus articles in the experiment narged particles
the nucleus and can h away and	(Bohr Mo old just a few e d can hold more levels are not region called th	del). The lower electrons. The high electrons. Electrons. Electrons.	trons are so small and orbits around the nucleus.
The atomic model is c about what makes the		ing as scientists	discover more and more