Name	Period	Date
Lab 103:	: Mass, Matter an	d the Atom
• Question: How is mass des	scribed?	
Procedure 1 Estimating mass.		
<u> </u>	_	amount of mass in a kilogram. Next, son to estimate the mass of the book.
2. Estimating Mass: Estimate	e the mass of the following	objects in kilograms
a. Your pencil		
b. Your shoe		
c. A cement block		
d. Your book		
e. A paper clip		
3. Measuring Mass: Measuri kilograms. Be sure to show	_	below and express their mass in
a. Your pencil		
b. Your shoe		
c. A cement block		
d. Your book		
e. A paper clip		

4.	Scientific Notation: Rewrite your measurements from 3 above using scientific notation			
	a. Your pencil			
	b. Your shoe			
	c. A cement block			
	d. Your book			
	e. A paper clip			
5.	Look up the mass of each of decimal (ordinary) number.		e it both using scientific notation and as a	
	, ,,,	Scientific Notation	Decimal Number	
	a. An atom of hydrogen			
	b. An atom of uranium			
	c. A grain of sand			
	d. An soccer ball		-	
	e. The Sun			
	f. The Planet Earth			
	g. The Earth's Moon			
	h. An electron			
	i. A proton			
	i. A neutron			