Inertia Coin Lab: A Body at Rest Name	Period
Newton's First Law of Motion is often referred to as the LAW OF INERTIA : The Law of Inertia states that the tendency of a body is to maintain its status quo.	
OR: A body at rest will stay at and a body in motion direction and the speed as before, unless acted up	
Your Problem: Demonstrate the force of INERTIA using coins:	
1. Use pennies or all similar coins. Describe your coins here (year and/o Coin1; Coin2; Coin3	
c) Coin2 would keep going, but instead slows and stops, due to another force, the force of 4. Predict first. Draw and number your prediction in pencil5. NOW, try it. (Practice to get a straight example.) Then, number and color the results. Include a Key if needed.	
(1364) (1	
Now Stack your Coins: 6. Arrange and stack four similar coins on the images below, using your Coin 2 as the base of the stack. 7. Predict what will happen when you "bump" coin2 with coin1. Draw your prediction below in pencil. 8. Practice flicking Coin1 into Coin 2 until you can do it flat and straight. 9. RECORD ACTUAL observations below using the COIN NUMBERS and COLOR. Add a Key if needed.	
3 2	
10. Try more coins or different types of coins. Add to & label the drawing. Draw and number the results. (Use the back??)	
ANALYZE AND CONCLUDE:11. Coins numbereddemonstrated that "a body at rest will stay at rest".	
12. Coin #demonstrated the result of the force of	as it slid against the paper and then
Coins # demonstratedwhen sliding ag	gainst another coin and then
13. Coins # & # demonstrated the transfer of	_ when coin # into coin #
The result was that coin # a	nd coin #